



— 2020 —

MILK MAX SILAGE

RESEARCH REPORT



Supported by over 15 years of research and testing data, Milk Max 2.0 Advanced features our best product selections to maximize your silage potential. It's all made possible through our annual Milk Max Silage Research Program along with FieldFitSM on-farm testing program, developed to determine which of our Hubner SeedTM products best perform on Eastern soils – in fields just like yours.

RAISING THE STANDARD

With Milk Max 2.0 Advanced, you can count on more than just corn products that support greater silage nutrition to meet your operation's needs. You can also count on a complete group of products designed to fit your environment, soil type and nutritional goals, too. To accomplish this goal, we're requiring that our silage products meet strict criteria to qualify as a certified Milk Max silage corn product.

Each product must produce at a minimum, on average:

3500 lbs. milk/ton | 33000 lbs. milk/acre | 36% or higher %Starch | uNDF240 below 9

By raising our minimum standards, we can ensure that you know what milk potential to expect from your silage products before you select your seeds for the next planting season.

LEARNING FROM YOU

Your day-to-day experiences and recommendations are key to helping us provide you with products that are important to your operation. Listening to your concerns about the dairy economy has prompted us to review not just what products work best for high milk production but to help you make the right decision on how you are managing your cows through this challenging economic time. Building calculators to show the nutritional value of a Milk Max product and the effects on your farm help you decide what input costs you can justify for your herd. We can help recommend the right product for herds seeking maximum component pricing along with herds seeking high fluid milk volume.

Building the right silage program starts with "THE BIG 3 QUESTIONS" that Hubner Seed would like to ask.

1. How much milk potential do you think your herd could produce? >90lbs., 70-90lbs., <70lbs. With higher Components?
2. How many corn silage acres will be corn on corn or rotated ground?
3. What is the most important nutrient your nutritionist says you are missing from your feed ration?

MILK MAX SILAGE RESEARCH PROGRAM

Milk Max Silage Research Program analyzes samples of your specific brand products at the time of harvest. Thanks to participation of farmers like you, Hubner Seed is able to provide dairy farmers with real, comparative, on-farm corn silage nutrient performance data providing on how to improve milk production, herd health and potential profit. We know that you need more than just products that benefit the high-producing milk cow – you also need the characteristics that fit your environment for a successful crop. Through local research and third-party test results, our Milk Max Silage Research program helps us determine the best-performing silage products for your operation. These products are selected and tested for their silage quality, yield potential and ability to support a high-producing cow's dairy ration. You can also earn program rewards for participating in the program.

ON-FARM TESTING FOR REAL-FARM SUCCESS

Farming in the East presents a unique set of challenges and opportunities. That's why Hubner Seed continues to invest in on-farm testing across the East. Our Field FitSM on-farm testing program was developed and designed to determine which Hubner SeedTM products perform best on Eastern soils, in fields just like yours. The unique combination of additional testing and advanced technology allows us to provide products that perform. Through Field Fit, we partner with farmers from eight states across the East, who plant our carefully reviewed and selected products in their fields. These Field Fit products are evaluated at key times throughout the growing season for desired agronomic characteristics such as a consistent stand, disease resistance and the ability to support strong, consistent yields. Only the best performing products will then make it into the Hubner Seed lineup.

At Hubner Seed, our commitment to your family and farm is at the center of our work, every day. As the Hubner Seed dairy nutrition manager, I devote myself to researching and analyzing our corn silage product performance, making sure the products continually meet our high agronomic performance and nutritional feed metrics and expectations. This extensive testing and analysis helps us continue to deliver a lineup of products that have optimum yield potential and exceptional, nutritional forage value to help farmers like you in the East.

To make sure our research benefits you and your farm, we've summarized our most important and useful corn silage research results here for your easy reference. Inside this book, you'll find comprehensive and customized information on planting recommendations that will help support your efforts to maximize your yields and increase your dairy farm's profit opportunity.

This year, we are continuing to expand our important nutritional information for our beef farmers who utilize silage every day. You can find our newest section devoted to both the feedlot and the cow/calf producers who utilize silage in their rations. We invite you to share any additional needs that may be valuable to you as we continue to grow this portion of our research. We are always eager to learn more about what you look for in quality silage products.

Thank you for being our valued partner and for trusting us to be a part of your fields and farm — as we continue working to be your most profitable relationship.



Amy Hoy
Hubner Seed Dairy Nutrition Manager

A handwritten signature in black ink that reads "Amy L Hoy". The signature is written in a cursive, flowing style.

BEEF PRODUCER SILAGE TESTING

It has been 3 years now since we have introduced testing silage for beef as a way to provide nutritional information on corn products that are to be fed to either feedlot beef or dairy steers, along with our cow/calf operators. As we begin to see many new beef producers within our Hubner Seed™ footprint that want to utilize silage as part of their feed ration, we've had our silage tested at Dairyland Labs to give us the important beef/ton or potential for ADG (average daily gain).

FEEDLOT OPERATIONS

In both the backgrounding (400-800 lb cattle) and the feedlot (800-1,100 lb cattle) operations, the cattle need high starch corn silage products with high starch digestibility, which will complement the lower pH in the cattle's rumen and provide optimum energy to promote weight gain. Many of our corn silage products will be high performers whether you decide to do a 45% Milk Max corn silage diet or the 15/85 corn silage to grain diet. As a result, the high starch and high fiber digestibility in our products will help to minimize your out-of-pocket investment on feed to consist mainly of protein sources and supplements.

COW/CALF OPERATIONS

The mature cow in this type of operation is, of course, producing milk for a growing calf, but may not need the same high starch corn silage as the feedlot operation needs. Additionally, she may not need a high-corn-silage diet when she is pregnant. With a higher roughage diet and corn silage that features slightly less starch, the cow/calf pairs will be less likely to become over-conditioned on the corn silage and could potentially avoid health problems associated with too much starch.

HUBNER SEED SILAGE FOR BEEF: UPDATE 2020

1. 25% of our corn silage samples submitted were from beef producers or dairy steer producers in 2020.
2. 2020 sample results show an increase in both NDFD30 and Beef/Ton.
3. Different recommendations for Feedlot and Cow/Calf operations.
4. Criteria has a strong emphasis on NDFD30 and %Starch.



RECOMMENDED HUBNER SEED™ CORN PRODUCTS **FOR BEEF**

When trying to control costs on feeding out cattle, beef producers have found that an acre of quality corn silage can produce as much beef per ton as corn grain if fed for a few extra days. The products recommended here represent corn product that may be suitable to beef producers based upon the type of operation.

HUBNER SEED™ BRAND BLENDS	ADDITIONAL TRAIT(S) BRAND	RELATIVE MATURITY	DM TON	%DM	%LIG	NDFD30	UNDF240	% Starch	IVSD-7	BEEF/TON	COW /CALF	FEEDLOT
H4003RC2P		79	5.62	37.74	2.37	63.19	7.96	41.60	66.79	289	G	VG
H4094RC2P	H2094	84	9.73	40.21	2.83	61.03	8.24	41.85	65.86	287	G	VG
H3090RR	H3090	89	9.35	40.08	2.27	60.06	8.05	40.74	66.95	273	EX	G
H4099RC2P		92	8.60	39.17	2.16	63.50	7.09	42.67	67.35	297	G	EX
H6157RCSS	H4157RC2P Blend	94	9.03	38.12	2.54	62.70	8.25	39.99	66.31	279	EX	G
H6124RCSS	H4124RC2P Blend, H3124	96	9.96	38.65	2.75	63.71	6.30	42.52	67.71	298	G	EX
H6213RCSS	H02G213 Blend	101	5.88	39.51	1.78	62.70	6.24	43.95	69.32	296	G	EX
H6225RCSS	H02G225 Blend, H2225	102	7.54	36.97	2.58	62.85	7.85	37.30	72.44	290	G	EX
H6368RCSS	H3368RR	105	7.54	36.18	2.63	59.80	8.43	39.62	68.24	275	EX	G
H4359RC2P		107	9.21	37.53	2.54	59.14	8.61	41.40	67.82	279	VG	G
H6394RCSS	H08G394 Blend H3394	108	8.31	39.05	2.34	59.02	7.81	46.10	68.53	295	G	EX
H6330RCSS		108	9.06	36.13	2.63	59.50	8.78	38.30	67.30	271	EX	G
H6624RCSS	H12G624 Blend, H3624	112	9.27	34.27	2.72	60.13	8.14	38.98	67.54	285	G	VG
H6663RCSS	H4663RC2P Blend	113	7.76	34.38	2.69	58.93	8.83	41.13	68.18	275	EX	G
H4744RC2P	H3744RR	113	6.65	38.43	2.97	58.02	9.09	38.38	66.54	269	EX	G
H6755RCSS	H4755RC2P Blend	114	7.30	33.75	2.58	61.04	8.35	39.44	68.23	285	G	VG
H6867RCSS		116	9.76	36.16	2.89	58.85	9.23	38.98	67.57	274	EX	G
H6890RCSS	H4890RC2P Blend, H2890	117	8.40	36.80	2.44	60.37	8.12	39.98	67.71	281	VG	VG

Cow/Calf Ratings:

EX..... Excellent for brood cows calves due to a lower starch to fodder ratio reducing the energy so the brood cow doesn't get too heavy.

VG..... Very good for brood cows due to being moderate in %starch. These products should be fed with some hay.

G.....Good product, but has a very high % starch and may not be suitable for a lactating brood cow.

Feedlot Ratings:

EX.....Excellent for feedlot animals due to being high in % starch and supporting excellent average daily gain and potential for reduced time to market.

VG.....Very good for feedlot animals due to being moderate in % starch and supporting very good average daily gain for the feedlot animal.

G.....Good product, but has a lower starch to fodder ratio which may reduce the average daily gain to the feedlot animal, resulting in increased time to market.

See next page for Nutritional Traits and Characteristics definitions.

Beef/ton...Beef/ton is the amount of weight that the corn product may be able to produce due to the energy profile of the corn product. This is calculated on dry matter ton. The beef/ton number, when divided by 100, provides the average amount of weight the animal could gain per day (assuming a feed rate of 55 lbs. of silage for 100 days). Ex: 289 equals 2.89 lbs of average daily gain (ADG).

2020 MILK MAX SILAGE RESEARCH RESULTS

Nutritional Traits and Characteristics Overview

DM TON

The amount of silage left after all water is removed measured by the ton. Most nutritionists make feeding recommendations on a dry matter basis.

STARCH

The measurement of energy coming from the grain portion of the corn plant, starch provides the carbohydrates to balance the high fiber content of the cow's ration.

STARCH DIGESTIBILITY

IVSD-7 = In-Vitro Starch Digestibility of seven hours.

%NDFd30

The %NDFd30 is the amount of NDF (Neutral Detergent Fiber) that is digested within the first 30 hours of the cow's ingestion of the feedstuff.

%LIGNIN

Lignin is the indigestible fiber of the NDF components. NDF also contains both cellulose and hemi-cellulose, which are digestible at different rates within the rumen.

uNDF240 AS A % DM

uNDF240 % DM is a measurement of the DM that is left over or is indigestible in the cow's rumen after 240 hours.

MILK/TON*

Milk/ton is an equation-based formula used to predict the number of pounds of milk you can expect to receive from every dry matter ton of silage you produce.

MILK/ACRE*

Milk/acre is an equation that uses milk/ton multiplied by dry matter forage yield for each acre.

BEEF/TON

Beef/ton is the amount of weight that the corn product may be able to produce due to the energy profile of the corn product. This is calculated on dry matter ton. The beef/ton number, when divided by 100, provides the average amount of weight the animal could gain per day (assuming a feed rate of 55 lbs. of silage for 100 days). Ex: 289 equals 2.89 lbs of average daily gain (ADG).

See region reports for full results.

DM Ton
AVERAGE: 8.56



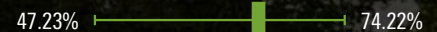
Starch
AVERAGE: 39.76%



Starch Digestibility: IVSD-7—Fresh
AVERAGE: 67.48%



%NDFd30
AVERAGE: 60.84%



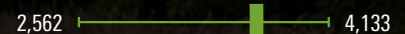
%Lignin
AVERAGE: 2.65%



uNDF240
AVERAGE: 8.44%



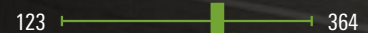
Milk/Ton
AVERAGE: 3,572 lbs



Milk/Acre
AVERAGE: 28,650 lbs



Beef/Ton
AVERAGE: 284 lbs



* Calculated using milk 2006 compilation from University of Wisconsin



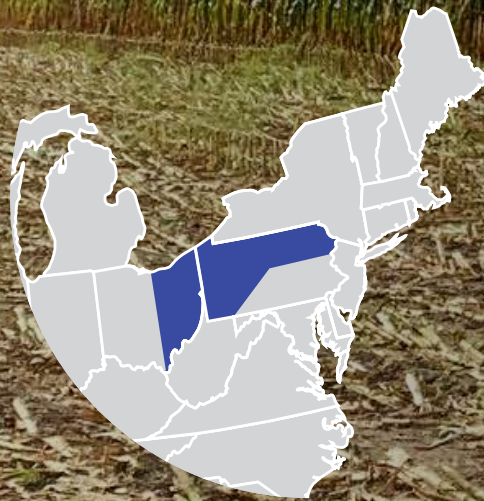
MILK MAX SILAGE RESEARCH RESULTS GROWER DATA

— REGION 1 —



REGION 1

EASTERN OHIO WESTERN & NORTHEASTERN PENNSYLVANIA



RECOMMENDATIONS FOR REGION 1 MILK MAX SILAGE

RESEARCH RECOMMENDS
THE FOLLOWING PRODUCTS
FOR EXCEPTIONAL
NUTRITIONAL TRAITS
FOR HIGH MILK PRODUCTION:

H6187RCSS | **H6257RCSS** | **H6390RCSS**
BRAND BLEND | BRAND BLEND | BRAND BLEND

	HUBNER SEED™ FOOTPRINT AVERAGE	REGION 1 AVERAGE
DM TONS	8.56	8.06
%STARCH	39.76%	38.35%
STARCH DIGESTIBILITY: IVSD-7	67.48%	67.47%
%NDFd30	60.84%	61.31%
%LIGNIN	2.65%	2.62%
uNDF240	8.44	8.51
MILK/TON	3,572	3,544
MILK/ACRE	28,650	27,082
BEEF/TON	284	280

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
NC/NE PA	AARON HOOVER	Hubner H4811RC2P Brand Blend	115	9.48	1.97	60.48	7.52	41.8	68.37	3470	29570	284
NC/NE PA	ALAN HASSINGER	Hubner H6330RCSS Brand Blend	108	5.92	3.42	61.07	10.05	30.02	66.88	3470	20405	265
NC/NE PA	ALAN KALER	Hubner H6755RCSS Brand Blend	114	3.63	2.85	62.84	8.76	28.66	71.52	3342	12130	270
NC/NE PA	ALAN KALER	Hubner H09G056 Brand Blend	109	N/A	3.03	57.39	9.71	37.61	64.2	3607	N/A	263
NC/NE PA	ALAN KALER	Hubner H6368RCSS Brand Blend	105	N/A	2.59	65.6	7.12	35.82	71.17	3752	N/A	305
W PA	ALBERT BRENNER	Hubner H4099RC2P Brand Blend	92	13.22	2.78	57.97	8.92	44.21	65.76	3623	42976	288
NC/NE PA	ALLEN REIFF	Hubner H6755RCSS Brand Blend	114	7.56	3.17	59.53	10.05	39.08	68.99	3582	25668	273
OHIO	ALVA HEISS	Hubner H4490RC2P Brand Blend	109	7.51	3.22	56.02	11.61	31.1	66.19	3122	23338	219
NC/NE PA	ALVIN HORNING	Hubner H6755RCSS Brand Blend	114	5.65	2.39	60.68	8.62	35.63	69.01	3459	18699	265
NC/NE PA	ALVIN ZIMMERMAN	Hubner H6755RCSS Brand Blend	114	8.61	2.22	58.75	7.86	42.68	66.63	3517	28172	276
NC/NE PA	AMOS HOOVER	Hubner H4359RC2P Brand Blend	107	5.6	3.13	57.36	10.25	33.05	66.76	3439	18538	255
NC/NE PA	AMOS ZIMMERMAN FARM	Hubner H6333RCSS Brand Blend	107	7.15	2.43	61.94	8.65	36.24	67.57	3435	23027	274
OHIO	ANDREAS FARM	Hubner H4744RC2P Brand Blend	113	7.97	2.15	64.72	7.65	39.49	66.7	3624	28500	290
OHIO	ANDREAS FARMS	Hubner H6867RCSS Brand Blend	116	7.59	3.01	62.15	8.88	37.04	64.04	3679	27909	282
W PA	ANDREW REIFF	Hubner H6333RCSS Brand Blend	107	N/A	3.01	66.76	8.96	29.78	74.72	3579	N/A	290
OHIO	AQETER FARMS	Hubner H4257RC2P Brand Blend	104	9.09	2.86	63.59	8.68	41.27	65.9	3730	31648	297
W PA	ARDEN BROWN	Hubner H4124RC2P Brand Blend	96	11.9	2.46	59.35	8.27	42.69	62.72	3597	39974	277
W PA	ARNOLD MARTIN	Hubner H6394RCSS Brand Blend	108	8.65	2.59	58.83	8.57	38.53	63.99	3475	28962	262
NC/NE PA	BACK RUN FARM	Mycogen F2F297	90	N/A	2.98	66.04	9.5	26.8	69.92	3472	N/A	284
W PA	BAILLIA FARM	Hubner H4099RC2P Brand Blend	92	6.51	3.06	57.3	9.81	38.7	61.63	3295	18823	261
W PA	BARRY BARKMAN	Hubner H4359RC2P Brand Blend	107	11.34	1.92	60.2	6.6	48.72	66.5	3476	33885	295
NC/NE PA	BARRY WAITE	Hubner H6755RCSS Brand Blend	114	10.75	2.8	60.23	8.34	41.78	66.57	3542	33340	301

REGION 1

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W PA	BERT SHREVE	Hubner H4157RC2P Brand Blend	94	N/A	3.91	60.17	10.88	36.81	66.14	3522	N/A	270
OHIO	BILL LEWIS	Hubner H4222RC2P Brand Blend	101	6.11	1.97	64.62	6.86	36.58	67.49	3559	21752	284
OHIO	BLUE SPRING FARM	Hubner H4219RC2P Brand Blend	99	7.78	2.61	63.48	7.82	44.46	69.54	3832	27471	313
OHIO	BLUE SPRING FARM	Hubner H4755RC2P Brand Blend	114	9.46	2.58	57.92	8.72	40.87	65.21	3429	30095	270
OHIO	BLUE SPRING FARM	Hubner H4811RC2P Brand Blend	115	N/A	2.74	61.95	8.89	34.79	69.27	3634	N/A	281
OHIO	BRIAN POWELL	Hubner H05G345 Brand Blend	105	8.13	2.66	65.71	7.67	40.64	67.73	3863	29635	314
OHIO	BRUCE SANOR	Hubner H05G716 Brand Blend	105	9.5	2.2	64.26	7.11	38.64	66.98	3613	32621	293
NC/NE PA	BUCK RUN FARM	Hubner H3257 Brand	104	4.98	3.38	60.96	10.04	32.41	68.6	3567	17563	270
OHIO	BUCKEYE VIEW FARM	Hubner H6257RCSS Brand Blend	104	7.8	2.64	62.63	6.67	41.42	73.31	3807	27500	320
W PA	BURHETT FALLS	Hubner H6330RCSS Brand Blend	108	8.58	2.4	61.28	8.11	36.49	65.26	3495	29095	276
W PA	BYLER BROS	Hubner H4099RC2P Brand Blend	92	8.54	1.82	62.17	6	47.02	68.5	3801	30670	307
W PA	CASSNA BROS	Hubner H6624RCSS Brand Blend	112	10.76	1.77	64.18	5.86	44.36	67.67	3778	38437	307
W PA	CODY GOLDEN	Hubner H6330RCSS Brand Blend	108	11.25	1.46	62.07	5.79	48.29	67.26	3819	39833	304
W PA	COLE MCCAUGHLIN	Hubner H3257 Brand	104	3.64	2.55	65.18	7.61	35.07	72.02	3556	12810	293
W PA	COLE MCCAUGHLIN	Hubner H3257 Brand	104	5.85	3.13	63.72	9.05	34.35	67.27	3711	20837	298
W PA	CONCORD VALLEY FARM	Hubner H2094 Brand	84	7.55	2.57	65.96	8.7	33.77	65.38	3371	25457	270
NC/NE PA	CRAIG RHEIN	Hubner H6663RCSS Brand Blend	113	15.59	1.38	64.03	5.18	50.09	66.26	3652	49265	319
NC/NE PA	CURVIN GROFF	Hubner H6755RCSS Brand Blend	114	4.53	2.3	66.69	7.33	30	68.26	3528	15968	296
OHIO	DALE SHAUM	Hubner H4099RC2P Brand Blend	92	7.12	1.84	64.01	6.94	38.8	69.07	3451	22578	278
OHIO	DALE SHAUM	Hubner H4099RC2P Brand Blend	92	12.96	1.66	58.97	7.02	45.75	69.89	3363	38764	295
W PA	DAN GEER	Hubner H6187RCSS Brand Blend	97	7.39	2.6	60.08	8.96	37.74	64.61	3457	25535	260
OHIO	DAN KOLM	Seed Consultant SC9Q61	N/A	6.54	2.88	59.44	9.71	35.68	69.33	3554	23129	269

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
OHIO	DAN KOLM	Hubner H4257RC2P Brand Blend	104	7.69	2.66	66.43	7.83	32.88	68.16	3725	28638	308
OHIO	DAN REEHER	Mycogen F281C028	N/A	7.07	2.37	66.61	6.71	32.7	66.62	3525	24915	292
W PA	DANIEL DIBERT	Hubner H6257RCSS Brand Blend	104	7.3	3.53	61.71	9.79	27.98	64.89	3419	24968	264
OHIO	DANIEL DICKERHOOF	Hubner H4257RC2P Brand Blend	104	8.89	1.66	65.28	5.92	46.25	66.67	3808	31616	312
NC/NE PA	DANIEL W WHITMER	Hubner H6663RCSS Brand Blend	113	8.47	1.93	64.98	6.54	46.01	68.47	3678	28124	315
W PA	DARREL LANELIS	Hubner H4099RC2P Brand Blend	92	12.62	2.91	54.25	9.9	42.28	63.66	3345	38429	247
W PA	DARRIN STRAIT	Hubner H6624RCSS Brand Blend	112	10.16	2.4	59.02	8.34	42.42	65.9	3410	31211	274
NC/NE PA	DARVIN RENNINGER	Hubner H4811RC2P Brand Blend	115	12.45	2.41	62.1	8.14	39.06	67.41	3546	43871	275
OHIO	DAVE-TAD HEPHNER	Hubner H3368RR Brand	105	N/A	2.73	56.56	8.76	42.19	68.85	3752	N/A	282
NC/NE PA	DAVID HOOVER	Hubner H4755RC2P Brand Blend	114	7.19	3.01	60.29	9.73	32.3	68.68	3582	24650	270
NC/NE PA	DAVID L HALDEMAN	Hubner H6390RCSS Brand Blend	108	6.56	2.81	58.6	9.12	40.04	67.39	3359	19384	272
W PA	DEAN VARNER	Hubner H6755RCSS Brand Blend	114	4.64	3.1	61.53	8.71	38.14	69.05	3717	17240	290
NC/NE PA	DEEP HOLLOW FARMS	Hubner H6755RCSS Brand Blend	114	9.18	2.89	58.58	8.38	44.48	66.45	3695	30361	304
NC/NE PA	DEEP HOLLOW FARMS	Hubner H6624RCSS Brand Blend	112	9.73	2.86	60.86	9.23	38.83	71.18	3671	35663	282
NC/NE PA	DENIS BEACHEL	Hubner H3368RR Brand	105	4.95	1.65	67.53	5.8	40	68.02	3765	18458	317
W PA	DENNIS WELLER	Hubner H2225 Brand	102	7.31	3.42	54.49	10.53	37.82	62.84	3178	20981	256
W PA	DOLYN HOSTETLER	Hubner H6330RCSS Brand Blend	108	10.98	2.39	58.4	8.57	38.33	63.36	3380	34945	258
W PA	DOLYN PETRE	Hubner H6663RCSS Brand Blend	113	12.87	2.78	53.6	9.7	40.7	66.91	3403	42640	248
OHIO	DWIGHT RABER	Hubner H6330RCSS Brand Blend	108	7.75	2.47	64.25	8.47	34.53	67.31	3495	27098	279
W PA	EALYS HIGHLAND FARM	Hubner H4099RC2 Brand Blend	92	4.42	1.88	62.89	6.85	41.9	66.18	3719	15988	293
W PA	EARL BROWN	Hubner H4094RC2P Brand Blend	84	13.73	2.23	60.88	8.47	41.29	57.92	3549	44767	288
OHIO	ED MONTER	Hubner H4046RC2P Brand Blend	88	9.28	2.21	63.87	7.69	38.58	67.8	3514	30829	280

REGION 1

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
NC/NE PA	ELTON HORNING	Hubner H6624RCSS Brand Blend	112	5.25	2.08	61.94	7.46	37.95	65.73	3535	17792	276
NC/NE PA	ERIC WOLFE	Hubner H6368RCSS Brand Blend	105	7.31	2.37	62.26	7.95	42.73	67.85	3464	22828	279
OHIO	EVAN ERNEST	Hubner H4744RC2P Brand Blend	113	7.32	2.04	63.98	7.6	40.63	66.46	3654	26344	293
NC/NE PA	FAIHOPIITY FARMS	Hubner H4222RC2P Brand Blend	101	7.18	3	58.93	9.64	40.1	70.86	3613	25831	273
OHIO	FOUR PINES	LG Seeds LG5612	112	6.19	3.74	54.63	13.56	27.7	68.01	3011	18651	202
OHIO	FOUR PINES	LG Seeds LG 5643	114	6.38	2.78	58.11	9.72	36.83	67.14	3435	21916	250
OHIO	FOUR PINES	Becks 6368	113	6.41	1.69	66.59	6.46	38.69	67.55	3743	24002	301
OHIO	FOUR PINES	Hubner H6867RCSS Brand Blend	116	7.37	3	61.01	10.35	27.2	67.09	3208	23634	241
OHIO	FOUR PINES	Becks 6282	112	7.42	2.9	62.64	8.77	35.85	64.97	3836	27932	303
OHIO	FOUR PINES	LG Seeds LG5591	110	7.89	3.21	61.1	9.86	35.22	66.05	3757	28349	290
OHIO	FOUR PINES	Hubner H6624RCSS Brand Blend	112	8.08	2.53	65.29	7.6	37.4	67.47	3941	31275	318
OHIO	FOUR PINES	Hubner H6663RCSS Brand Blend	113	9.06	1.58	61.86	6.28	46.52	64.55	3617	29247	300
W PA	GARRY FORGY	Hubner H6663RCSS Brand Blend	113	8.33	3.62	61.15	10.44	31.18	64.42	3504	29172	268
W PA	GARY BECKTEL	Hubner H6663RCSS Brand Blend	113	11.06	2.86	62.25	8.98	40.67	66.33	3491	33898	293
OHIO	GARY BUCHANNON	Hubner H3368RR Brand	105	7.56	4.79	48.41	16.44	26.39	70.12	2562	19357	123
W PA	GERALD MARTIN	Pioneer P0414AM	104	5.51	2.58	65.34	7.26	37.56	69.35	3768	20139	305
W PA	GERALD MARTIN	Hubner H4099RC2P Brand Blend	92	5.67	2.37	63.75	7.21	36.05	66.87	3538	19906	281
NC/NE PA	GLENDON MARTIN	Hubner H6755RCSS Brand Blend	114	7.91	1.87	62.3	5.79	46.76	68.92	3787	28221	311
OHIO	GREGORY DAWSON	Hubner H4222RC2P Brand Blend	101	5.24	1.82	63.96	6.58	41.8	65.71	3685	18481	291
OHIO	GREGORY DAWSON	Hubner H4222RC2P Brand Blend	101	5.42	2.09	62.66	6.73	43.25	66.46	3688	18855	292
NC/NE PA	HARTS DAIRY	Hubner H02G225 Brand Blend	102	3.17	2.55	64.32	8.07	29.93	68.2	3407	10804	274

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
NC/NE PA	HARTS DAIRY	Hubner H6755RCSS Brand Blend	114	5.04	2.12	68.85	6.24	34.44	69.53	3624	18280	307
W PA	HIDDEN LAKE RANCH	Hubner H6187RCSS Brand Blend	97	12.73	2.82	57.59	10.07	38.42	65.26	3347	40165	245
OHIO	HOGUE FARMS	Hubner H4222RC2P Brand Blend	101	6.2	3.72	65.16	9.77	24.48	71.37	3374	20904	272
OHIO	HOGUE FARMS	Hubner H6330RCSS Brand Blend	108	6.97	4.34	59.37	13.07	26.04	66.89	3165	22074	222
NC/NE PA	HOLLEWBACH FARMS	Hubner H6755RCSS Brand Blend	114	10.15	2.31	60.06	8.19	39	68.54	3529	33510	281
OHIO	HONEY CREEK FARMS	Hubner H4157RC2P Brand Blend	94	7.53	3.53	57.21	12.56	30.99	67.78	3040	22879	208
W PA	HOOVER BROS	Hubner H6624RCSS Brand Blend	112	10	2.3	60.49	7.56	41.83	65.83	3659	35996	287
W PA	HOSTELLERS	Hubner H6663RCSS Brand Blend	113	7.38	3.84	59.85	11.22	25.34	70.92	3318	24483	250
W PA	IRVIN MARTIN	Hubner H08G394 Brand Blend	108	6.08	3.61	66.81	10.61	26.51	71.64	3512	21355	278
W PA	IRVIN MARTIN	Pioneer P0921AMXT	109	6.14	3.84	66.28	11.69	14.91	75.49	2940	18053	269
OHIO	J HODGE	Hubner H6330RCSS Brand Blend	108	8.77	3.42	59.81	10.32	37.16	62.84	3410	27485	258
OHIO	J HODGE	Hubner H6330RCSS Brand Blend	108	9.1	3.1	57.6	9.96	39	64.23	3573	29494	284
W PA	J PAUL STAUFFER	hubner H6330RCSS Brand Blend	108	N/A	3.08	56.62	9.77	40.68	68.17	3460	N/A	275
NC/NE PA	JACOB GRAYBILL	Hubner H6755RCSS Brand Blend	114	7.51	2.24	62.08	7.88	39.3	67.58	3601	26276	284
NC/NE PA	JAMES STAHL	Hubner H4811RC2P Brand Blend	115	6.77	3.69	61.81	11.26	33.66	70.94	3492	23142	264
OHIO	JAMES WELCH	Hubner H04G287 Brand Blend	104	9.42	3.41	55.65	11.88	33.04	68.84	3084	27913	215
OHIO	JAMZ DAIRY	Hubner H4187RC2P Brand Blend	97	8.04	2.67	58.34	9.34	38	65.08	3459	27800	256
NC/NE PA	JARRED HASSINGER	Hubner H6368RCSS Brand Blend	105	6.03	3.48	61.07	10.24	29.98	67.61	3445	20472	259
W PA	JASON ZIMMERMAN	Hubner H6330RCSS Brand Blend	108	N/A	3.39	55.39	10.54	40.46	68.33	3465	N/A	248
W PA	JD PHILSON	Hubner H4187RC2P Brand Blend	97	8.41	3.09	62.74	9.05	30.87	72.71	3657	30738	294
OHIO	JEFF HERSHBERGER	Hubner H12G624 Brand Blend	112	8.11	1.78	66.97	6.17	43.68	64.1	3837	30384	312
OHIO	JEFF MILLER	Hubner H3368RR Brand	105	9.36	3.2	64.22	9.42	39.82	66.41	3676	32275	284
NC/NE PA	JESSE MARTIN	Hubner H6624RCSS Brand Blend	112	N/A	3.07	57.48	9.14	42.66	66.16	3668	N/A	276

REGION 1

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
NC/NE PA	JESSE MARTIN	Hubner H6663RCSS Brand Blend	113	N/A	2.31	54.22	7.99	48	68.16	3550	N/A	274
OHIO	JIM ROWE	Hubner H4222RC2P Brand Blend	101	7.48	2.02	66.24	6.97	41.32	64.2	3721	27757	297
OHIO	JOAN BEARDSLEY	Hubner H4046RC2P Brand Blend	88	9.15	2.55	63.24	7.31	44.34	67.21	3864	33070	312
W PA	JOEL PETRE	Hubner H6867RCSS Brand Blend	116	13.2	2.11	56.36	7.49	46.84	63.8	3374	38169	279
NC/NE PA	JOEL WISE	Hubner H6394RCSS Brand Blend	108	7.96	2.68	61.34	8.08	41.7	68.89	3832	28891	307
NC/NE PA	JOEL WISE	Hubner H6755RCSS Brand Blend	114	10.23	2.75	60.71	8.04	43.64	69.24	3841	37010	307
NC/NE PA	JOHN HAUCK	Hubner H4099RC2P Brand Blend	92	7.4	2.85	59.51	9.39	40.15	65.32	3818	27693	292
NC/NE PA	JOHN HAUCK	Hubner H6394RCSS Brand Blend	108	7.76	3.28	59.08	9.68	39.44	67.48	3652	26288	284
NC/NE PA	JOHN HENRY OBERHOLTZ	Hubner H6755RCSS Brand Blend	114	5.64	3.26	59.19	10.91	33.89	67.33	3286	18535	244
NC/NE PA	JOHN LANDIS	Pioneer P0921AMXT	109	5.82	3.31	58.19	9.82	28.01	67.74	3149	18335	236
NC/NE PA	JOHN LANDIS	Hubner H6330RCSS Brand Blend	108	6.33	1.92	66.04	6.56	38.92	68.63	3683	22959	300
OHIO	JOHN ROSE	Hubner H3368RR Brand	105	8.99	1.63	64.7	5.68	47.86	66.01	3794	31396	315
NC/NE PA	JOHN SNOOK	Hubner H6257RCSS Brand Blend	104	7.35	2.02	62.46	7.49	42.14	66.42	3468	22984	285
W PA	JON DOUGHERTY	Hubner H4062RC2P Brand Blend	86	5.77	2.29	66.08	7.18	40.18	71.32	3960	21734	323
W PA	JONATHAN MARTIN	Hubner H12G624 Brand Blend	112	7.54	2.9	59.4	9.02	42.57	67.23	3723	26182	288
OHIO	JORDAN SMITH	Hubner H3191 Brand	99	10.15	2.64	64.23	7.39	45.34	68.8	3980	39407	318
W PA	JORDAN WALKER	Hubner H3624 Brand	112	8.79	4.07	52.36	12.98	35.09	69.02	3261	27405	216
W PA	JOSEPH ORUIST	Hubner H6333RCSS Brand Blend	107	2.88	2.6	62.6	8.3	29.07	66.74	3606	10369	295
OHIO	JOSH KENNEDY	Hubner H6333RCSS Brand Blend	107	11.89	2.38	60.35	8.19	43.58	67.44	3398	35633	282
OHIO	JUNIOR VANPELT	Hubner H4222RC2P Brand Blend	101	N/A	2.23	56.77	8.24	45.26	60.98	3159	N/A	271
NC/NE PA	JUSTIN MARTIN	Hubner H6755RCSS Brand Blend	114	7.63	3.57	60.73	10.8	27.56	69.09	3436	25977	262
NC/NE PA	JUSTIN MARTIN	Pioneer P0921AMXT	109	8.28	3.34	55.18	11.53	27.45	69.56	3283	26115	239
NC/NE PA	JUSTUS NOLT	Masters Choice MCT5371	103	6.54	1.83	64.62	6.31	39.68	68.84	3679	22774	302

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
NC/NE PA	JUSTUS NOLT	Hubner H01G213 Brand Blend	101	6.86	1.5	63.91	5.31	47.2	66.25	3760	23455	320
NC/NE PA	JUSTUS NOLT	Red Tail 58T81	108	7	1.87	63.91	5.76	43.39	68.84	3768	25202	303
OHIO	KALAS FARM	Hubner H4124RC2P Brand Blend	96	8.04	2.64	55.5	8.78	39.26	67.24	3408	27414	252
NC/NE PA	KEN SMITH	Hubner H4811RC2P Brand Blend	115	4.93	3.84	65.32	10.26	16.05	70.12	3115	15344	258
OHIO	KENNEDY FARM	Hubner H6333RCSS Brand Blend	107	12.97	1.77	63.02	6.02	49.66	66.43	3572	39544	316
W PA	KENNETH WILSON	Horst 102	102	7.58	4.21	53.56	13.45	30.7	59.02	3141	22400	217
W PA	KEVIN ESHELMAN	Hubner H08G394 Brand Blend	108	10.06	3.03	59.92	10.06	33.62	67.43	3282	31432	252
OHIO	KEVIN KIRBY	Hubner H4099RC2P Brand Blend	92	5.89	2.63	63.18	8.47	30.43	68.84	3346	19714	265
OHIO	KEVIN KIRBY	Hubner H3090RR Brand	89	10.87	2.75	58.29	9.02	36.73	67.43	3232	32067	248
NC/NE PA	KEVIN REIFF	Hubner H6663RCSS Brand Blend	113	8.43	1.92	62.35	5.95	50.93	67.98	3442	25178	316
OHIO	KIBLER DAIRY	Mycogen BMR10B27 RA	110	9.5	2.07	65.7	7.3	35.57	67.85	3568	33905	291
W PA	KIM HASBROUK	Hubner H2094 Brand	84	8.51	2	57.97	7.17	49.26	65.69	3420	24713	293
W PA	LAWRENCE ZIMMERMAN JR.	Hubner H6755RCSS Brand Blend	114	N/A	2.82	60.32	8.69	39.33	68.33	3681	N/A	283
W PA	LEE ZIMMERMAN	Hubner H6663RCSS Brand Blend	113	N/A	3.09	60.21	9.37	38.62	67.25	3685	N/A	281
OHIO	LEON VAN PELT	Hubner H4222RC2P Brand Blend	101	N/A	2.22	64.1	7.33	41.65	64.83	3446	N/A	288
NC/NE PA	LEROY WISE	Hubner H4811RC2P Brand Blend	115	10.49	2.62	58.73	8.64	43.11	67.88	3691	36123	287
NC/NE PA	LEROY WISE	Hubner H6213RCSS Brand Blend	101	11.02	2.01	60.15	6.73	47	67.55	3449	32644	298
W PA	LINDEN CREEK DAIRY	Hubner H6755RCSS Brand Blend	114	70.09	3.22	60.94	9.61	38.25	66.59	3652	241620	286
W PA	LITTLE GERMANY FARMS	Hubner H2225 Brand	102	4.53	3.75	57.24	12.02	38.51	65.38	3542	14820	263
NC/NE PA	LLOYD REITZ	Hubner H6330RCSS Brand Blend	108	6.61	3.36	59.44	11.18	31.5	70.95	3378	22109	250
NC/NE PA	LOREN WEAVER	Hubner H04G287 Brand Blend	104	N/A	3.03	54.48	9.41	45.58	67.01	3462	N/A	278
W PA	LOWELL PETRE	Seed Consultants SC1158YHR	115	12.32	1.64	63.17	5.94	46.78	66.82	3854	45082	308

REGION 1

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W PA	LOWELL PETRE	Hubner H6764RCSS Brand Blend	114	12.97	2.87	55.37	10.11	37.77	64.92	3252	39498	236
NC/NE PA	LUKE BRUBAKER	Pioneer P1415Q	114	9.86	2.19	60.48	7.56	47.56	65.42	3773	36086	293
NC/NE PA	LUKE BRUBAKER	Hubner H6755RCSS Brand Blend	114	10.13	2.43	59.37	8.78	43.31	67.98	3598	34309	282
NC/NE PA	LUKE BRUBAKER	NK Enogen E109	109	N/A	2.24	57.72	8.04	42.31	69.75	3524	N/A	272
W PA	LYNDON EBY	Hubner H6867RCSS Brand Blend	114	10.07	3.13	59	10.39	35.11	68.92	3533	35577	265
W PA	LYNFORD MILLER	Hubner H4811RC2P Brand Blend	115	8.16	2.46	66.02	7.84	32.61	62.39	3438	28054	271
OHIO	MARC STRINGFELLOW	Hubner H3624 Brand	112	10.5	2.26	62.73	7.68	41.5	68.65	3609	35777	284
NC/NE PA	MARK BURKHOLDER	Hubner H6213RCSS Brand Blend	101	N/A	3.06	57.76	9.31	40.82	67.04	3670	N/A	280
NC/NE PA	MARK REICH	Hubner H6330RCSS Brand Blend	108	7.47	3.16	59.92	10.4	29.12	66.57	3021	20320	241
W PA	MARLIN ZIMMERMAN	Hubner H4811RC2P Brand Blend	115	N/A	2.57	65.07	7.36	42.39	70	3902	N/A	311
W PA	MATALI BROS	Hubner H6330RCSS Brand Blend	108	9.65	2.22	58.63	7.45	44.94	65.46	3546	31366	283
NC/NE PA	MERLIN MARTIN	Hubner H4755RC2P Brand Blend	114	8.25	1.78	66.57	7.62	31.88	71.01	3617	29837	298
NC/NE PA	MERLIN NEWSWANGER	Hubner H4811RC2P Brand Blend	115	5.32	2.39	60.82	7.65	40.92	64.84	3608	18244	283
NC/NE PA	MERVIN OBERHOLTZER	Hubner H6755RCSS Brand Blend	114	4.96	1.9	62.81	6.92	40.7	66.91	3576	16470	291
NC/NE PA	MICHAEL NEWSWANGER	Hubner H4490RC2P Brand Blend	109	65.42	3.29	54.12	10.56	37.3	68.69	3457	224961	247
NC/NE PA	MICHEAL REICH	Hubner H4222RC2P Brand Blend	101	8.03	2.06	69.23	6.95	32.06	65.73	3521	27870	294
W PA	MIKE MONGERA	Hubner H4046RC2P Brand Blend	88	12.5	3.15	59.62	9.26	39.23	68.58	3593	41948	281
W PA	MORNINGSTAR BROS	Hubner H6663RCSS Brand Blend	113	N/A	3.2	57.91	10.12	38.67	68.4	3587	N/A	264
NC/NE PA	MOUNTAIN BREEZE FARM	Hubner H6394RCSS Brand Blend	108	6.36	3.36	52.02	10.7	44.97	65.34	3356	18724	248
NC/NE PA	MOUNTAIN BREEZE FARM	Hubner H6755RCSS Brand Blend	114	8.73	3.36	59.83	10.11	40.9	68.26	3685	30379	280
W PA	MYELDERA FARM	Hubner H6187RCSS Brand Blend	97	N/A	2.4	58.38	7.88	38.88	65.53	3509	N/A	267
OHIO	NATE VANPELT	Hubner H3394 Brand	108	6.65	2.36	61.82	8.73	35.69	67.39	3322	20452	264

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
NC/NE PA	NATHAN EHST	Hubner H6330RCSS Brand Blend	108	6.26	2.34	60.18	8.04	38.04	68.23	3442	19904	283
NC/NE PA	NATHAN EHST	Hubner H6213RCSS Brand Blend	101	6.51	2.06	58.89	7.37	42.88	67.84	3480	20428	287
NC/NE PA	NATHAN HORNING	Hubner H6333RCSS Brand Blend	107	8.12	1.61	64.13	5.69	45.16	68.95	3844	29653	308
NC/NE PA	NEVIN ROHER	Hubner H6755RCSS Brand Blend	114	7.77	1.9	63.91	6.74	41.21	68.47	3624	26017	306
W PA	NOLAN MARTIN	Hubner H6624RCSS Brand Blend	112	9.74	2.97	58.33	9.71	37.9	65.91	3431	33367	255
W PA	NOLAN MARTIN	Hubner H4755RC2P Brand Blend	114	11.48	2.02	63.72	6.75	42.79	67.47	3642	38699	297
NC/NE PA	NORMAN LEE MARTIN	Hubner H4755RC2P Brand Blend	114	8.04	3.12	55.95	10.22	40.02	71.47	3630	27965	266
NC/NE PA	NORMAN MARTIN	Hubner H6755RCSS Brand Blend	114	9.32	3.04	59.77	9.32	37.64	69.92	3630	32196	283
NC/NE PA	OREGON HOLLOW FARM	Hubner H6755RCSS Brand Blend	114	16.1	1.86	62.86	6.62	43.71	73.57	3578	51746	302
W PA	PAUL FORGY	Hubner H6663RCSS Brand Blend	113	8.63	3.13	62.19	10.02	33.75	71.47	3611	31162	277
NC/NE PA	PAUL FRY	Hubner H6624RCSS Brand Blend	112	5.15	2.24	67.74	7.16	34.79	67.79	3598	18523	301
NC/NE PA	PAUL FRY	NK NK0886	108	6.74	3.04	58.33	9.33	31.62	68.43	3145	19282	247
W PA	PAUL RAY FOX	Hubner H6755RCSS Brand Blend	114	N/A	2.6	65.23	7.34	44.32	67.74	3975	N/A	322
W PA	PAUL SHOWALTER	Hubner H6225RCSS Brand Blend	102	10.08	2.26	61.84	8.07	40.98	65.67	3660	36155	287
OHIO	PINEHILL JERSEY FARM	Hubner H4046RC2P Brand Blend	88	7.17	2.06	64.25	7.46	32.95	75.21	3456	23541	284
OHIO	PINEHILL JERSEY FARM	Seed Consultant SCS1087Q	108	7.46	2.08	64.87	7.18	36.65	69.67	3565	26582	287
OHIO	PINEHILL JERSEY FARM	Hubner H4257RC2P Brand Blend	104	7.65	3.13	60.42	10.55	34.93	70.65	3432	26244	251
OHIO	PINEHILL JERSEY FARM	Hubner H4811RC2P Brand Blend	115	8.41	1.78	65.26	6.21	39.13	67.9	3664	30832	299
OHIO	QUILLIN DAIRY	Hubner H6867RCSS Brand Blend	114	7.01	3.03	62.22	9.61	31.87	65.56	3286	23037	249
W PA	RANDY A MALLORY	Hubner H4099RC2P Brand Blend	92	8.56	2.34	58.84	9.08	40.25	63.58	3311	25573	260
OHIO	RANDY RENKENBERGER	Hubner H4046RC2P Brand Blend	88	8.81	1.95	63.5	6.79	43.32	66.19	3685	30462	296
W PA	RANDY WHITMAN	Hubner H6157RCSS Brand Blend	94	9.72	2.25	64.03	7.31	38.1	66.62	3582	34790	286
W PA	REASY FARM	Hubner H6624RCSS Brand Blend	112	N/A	2.65	65.39	7.82	39.29	70.25	3810	N/A	303

REGION 1

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W PA	REEFER FARMS	Hubner H6330RCSS Brand Blend	108	10.05	2.03	63.4	6.37	50.93	68.14	3753	33128	335
W PA	REUBEN NEWSWANGER	Hubner H6225RCSS Brand Blend	102	4.61	2.59	68.15	7.21	32.69	75.95	3720	16498	309
W PA	RICHARD DEETER	Hubner H4157RC2P Brand Blend	94	9.71	1.86	58.94	7.28	44.63	64.49	3400	28510	286
NC/NE PA	RICHARD PATHEMER	Hubner H6624RCSS Brand Blend	112	6.51	1.82	67.42	6.39	34.96	69.34	3607	23488	297
W PA	RISPALE FARMS	Hubner H6330RCSS Brand Blend	108	8.79	2.6	59.57	8.98	35.68	65.63	3399	28584	262
NC/NE PA	ROBERT HANCK	Hubner H6867RCSS Brand Blend	116	7.24	3.21	60.12	9.57	43.91	67.44	3634	23875	290
NC/NE PA	ROCK HILL DAIRY	Hubner H6663RCSS Brand Blend	113	9.05	2.31	61.94	7.96	39.01	67.69	3593	32509	281
W PA	RON DIBERT	Hubner H6333RCSS Brand Blend	107	10.7	3.57	56.36	11.66	35.43	64.15	3416	34844	244
OHIO	ROYER FAMILY INC	Hubner H4222RC2P Brand Blend	101	6.39	2.49	65.46	7.47	33.09	67.49	3459	22091	278
NC/NE PA	RT PECHT	Hubner H6368RCSS Brand Blend	105	6.73	2.54	62.95	8.07	36.42	69.99	3733	25126	294
W PA	RUFUS ZIMMERMAN	Hubner H6867RCSS Brand Blend	116	N/A	3.57	58.44	11.07	36.39	69.18	3542	N/A	259
OHIO	RUMMELL FARMS	Hubner H4257RC2P Brand Blend	104	8.77	2.71	64.13	8.27	39.84	68	3730	30727	299
W PA	RYAN CLARK	Mycogen 14B96	114	5.38	2.34	60.05	8.2	34.28	67.29	3446	17909	270
W PA	RYAN CLARK	Mycogen 14B96	114	5.56	1.57	70.42	5.16	43.59	67.08	3849	19744	337
W PA	RYAN CLARK	Pioneer P0843AM	108	8.2	1.9	65.12	6.18	42.15	63.9	3575	26209	305
OHIO	RZESZOTARSKI FARMS LTD	Hubner H12G624 Brand Blend	112	9.2	3	54.86	10.39	39.55	65.54	3411	31362	244
OHIO	RZESZOTARSKI FARMS LTD	Hubner H3368RR Brand	105	7.35	2.98	62.09	8.55	43.84	68.39	3704	25112	298
OHIO	SALT CREEK	Hubner H6624RCSS Brand Blend	112	7.39	3.13	60.86	9.79	36.09	67.18	3766	27365	291
NC/NE PA	SAMUEL F. HOOVER	Hubner H6755RCSS Brand Blend	114	9.01	2.27	62.33	8.2	37.96	67.4	3526	31749	277
OHIO	SCHEUFLER	Hubner H4099RC2P Brand Blend	92	8.57	2.8	67.76	7.64	38.74	66.16	3831	31330	309
OHIO	SOUTHERN STAR	Hubner H4046RC2P Brand Blend	88	9	1.65	62.82	6.19	47.77	65.72	3776	31260	311
W PA	SPENCE BARKMAN	Hubner H4359RC2P Brand Blend	107	10.91	2	57.52	7.03	51.14	66.09	3472	32277	291
OHIO	STEVE CRIST	Hubner H6330RCSS Brand Blend	108	7.94	2.9	61.51	8.3	36.75	64.5	3655	29013	280

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
OHIO	STEVE GRIFFITH	Hubner H4755RC2P Brand Blend	114	6.68	3.46	60.97	9.56	33.09	68.18	3627	24216	286
OHIO	STEVE GRIFFITH	Hubner H6867RCSS Brand Blend	116	7.03	2.57	58.13	9.02	36.16	62.99	3387	23822	253
OHIO	STEVE GRIFFITH	Hubner H4359RC2P Brand Blend	107	8.25	1.88	64.38	7.13	45.21	62.48	3723	28562	296
OHIO	STEVE SKOLOSH	Hubner H4046RC2P Brand Blend	88	7.7	2.83	63.56	8.61	34.37	69.55	3428	25489	273
OHIO	STEVE SKOLOSH	Hubner H6330RCSS Brand Blend	108	8.87	1.76	64.36	5.51	47.53	69.79	3775	30735	317
OHIO	STEVE SKOLOSH	Hubner H3368RR Brand	105	9.25	2.43	58.74	7.97	43.81	65.91	3496	29842	269
OHIO	STEVE SKOLOSH	hubner H4811RC2P Brand Blend	115	9.69	1.77	61.38	5.88	48	66.28	3749	33192	310
NC/NE PA	STEVEN NOLT	Hubner H6225RCSS Brand Blend	102	5.1	2.97	59.55	8.44	41.07	68.38	3553	16185	295
NC/NE PA	STEVEN NOLT	Hubner H6333RCSS Brand Blend	107	6.01	2.92	60.32	8.7	40.57	70.52	3752	21499	292
OHIO	STEVEN ZIMMERMAN	Hubner H3090RR Brand	89	6.21	2.68	57.37	10.45	25.51	67.88	3071	18568	222
OHIO	STEVEN ZIMMERMAN	Hubner H3368RR Brand	105	7.82	2.06	58.8	6.87	45.45	68.13	3560	25388	288
W PA	SUGAR RUN DAIRY LLC	Hubner H6330RCSS Brand Blend	108	N/A	3.01	62.84	9.87	32.35	67.82	3319	N/A	256
OHIO	SWIHART FARMS	Hubner H3368RR Brand	105	6.89	3.08	61.46	8.82	37.93	65.74	3699	25318	286
OHIO	TERRY GASKILL	Hubner H6330RCSS Brand Blend	108	4.88	3.16	59.04	11	28.31	70.46	3126	15254	234
OHIO	TERRY GASKILL	Hubner H6257RCSS Brand Blend	104	6.56	2.6	63.25	8.4	36.36	68.48	3485	22850	275
OHIO	TERRY GEHRIG	Hubner H6330RCSS Brand Blend	108	7.45	3.41	57.88	10.84	36.12	65.01	3640	25601	272
NC/NE PA	TIMOTHY SNYDER	Hubner H3624 Brand	112	N/A	2.14	59.98	7.99	42.98	64.61	3630	N/A	280
OHIO	TODD WRIGHT	Hubner H4222RC2P Brand Blend	101	6.49	2.25	64.08	7.58	38.7	68.3	3622	23163	288
OHIO	TODD WRIGHT	Hubner H4222RC2P Brand Blend	101	9.09	2.68	65.09	7.63	41.27	68.54	3780	32091	306
OHIO	VALLEY VIEW FARMS	Hubner H99G104 Brand Blend	99	6.98	3.25	59.23	10.66	36.42	71.07	3529	24633	262
OHIO	VALLEY VIEW FARMS	Hubner H3368RR Brand	105	7	2.51	61.52	8.74	36.18	68.43	3417	23925	258
W PA	VERNON ZIMMERMAN	Hubner H6867RCSS Brand Blend	116	N/A	2.37	61.67	8.09	40.37	66.06	3596	N/A	280

REGION 1

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDF240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W PA	WARD BROS DAIRY	Hubner H4157RC2P Brand Blend	94	11.53	2.57	59.26	8.94	38.44	66.6	3509	40083	266
NC/NE PA	WARREN BRUBAKER	Hubner H6213RCSS Brand Blend	101	5.62	2.36	60.03	8.39	36.61	67.79	3546	19098	276
OHIO	WAYNE RECTOR	Hubner H6330RCSS Brand Blend	108	7.48	1.99	63.41	7.12	42.21	63.82	3685	26806	288
W PA	WENDELL MARTIN	Hubner H4755RC2P Brand Blend	114	9.51	2.44	62.68	8.23	38.64	69.07	3463	30676	284
W PA	WILSON REIFF	Hubner H6867RCSS Brand Blend	114	N/A	1.8	63.31	6.01	43.61	70.89	3628	N/A	297
W PA	WIRGET FARMS	Hubner H6663RCSS Brand Blend	113	5.72	2.96	61.28	9.36	34.3	69.02	3549	20297	278
W PA	WIRGET FARMS	Masters Choice MCT5663	106	6.18	2.62	62.17	8.15	40.09	70.83	3763	23034	297
W PA	WOODSVILLE ACRES	Hubner H6867RCSS Brand Blend	116	N/A	2.02	54.36	7.5	53.56	63.49	3356	N/A	294
NC/NE PA	ZIMMERMAN HILLTOP	Mycogen 14B96	114	4.22	2.17	72.22	6.74	23.47	69.51	3499	14763	304
W PA	ZOLOCSIK FARM	Hubner H6368RCSS Brand Blend	105	5.65	3.97	63.67	12.45	18.81	72.28	3201	18078	243



MILK MAX SILAGE RESEARCH RESULTS GROWER DATA

— REGION 2 —



REGION 2

NEW YORK



RECOMMENDATIONS FOR REGION 2 MILK MAX SILAGE

RESEARCH RECOMMENDS
THE FOLLOWING PRODUCTS
**FOR EXCEPTIONAL
NUTRITIONAL TRAITS
FOR HIGH MILK PRODUCTION:**

H4003RC2P | **H6187RCSS** | **H6257RCSS**
BRAND BLEND | BRAND BLEND | BRAND BLEND

	HUBNER SEED™ FOOTPRINT AVERAGE	REGION 2 AVERAGE
DM TONS	8.56	9.64
%STARCH	39.76%	41.48%
STARCH DIGESTIBILITY: IVSD-7	67.48%	67.18%
%NDFd30	60.84%	62.5%
%LIGNIN	2.65%	2.54%
uNDF240	8.44	7.95
MILK/TON	3,572	3,631
MILK/ACRE	28,650	31,695
BEEF/TON	284	294

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/Ton
W NY	AJ GERNATT FARM	Hubner H3368RR Brand	105	N/A	2.18	61	7.84	42.94	66.93	3628	N/A	287
W NY	AJ GERNATT FARM	Hubner H4187RC2P Brand Blend	97	N/A	1.82	61.41	6.6	48.38	68.09	3512	N/A	302
W NY	AJ GERNATT FARM	Hubner H6333RCSS Brand Blend	107	N/A	1.83	62.16	6.54	46.23	67.34	3798	N/A	305
E NY	ALLEN HOUGH	Hubner H3806RR Brand	115	10.54	1.35	65.04	5.02	48.78	67.25	3663	33335	325
W NY	ANDREW KASPRZAK	Hubner H4187RC2P Brand Blend	97	N/A	2.98	63.7	7.96	39.01	67.43	3770	N/A	300
W NY	AYERS-GILLETTE	Hubner H4099RC2P Brand Blend	92	8.18	3.76	57.68	10.75	35.26	65.86	3535	27250	273
E NY	BEN YODER	Hubner H4094RC2P Brand Blend	84	11.74	1.89	63.92	6.63	44.53	66.08	3462	35297	300
E NY	BILLY LEE FARM	Hubner H4037RC2P Brand Blend	87	10.2	3.16	62.86	9.13	39.19	68.64	3583	32841	297
W NY	BLESY FARMS	Hubner H6368RCSS Brand Blend	105	N/A	2.63	63.7	7.86	38.16	69.36	3788	N/A	299
W NY	BOB ADERMAN	Hubner H4062RC2P Brand Blend	86	N/A	2.79	61.49	9.35	35.37	66.98	3357	N/A	256
W NY	BREEZYHILL DAIRY	Hubner H4062RC2P Brand Blend	86	N/A	2.35	62.73	7.93	38.85	67.73	3547	N/A	275
E NY	BRIDGEDALE FARMS	Hubner H4099RC2P Brand Blend	92	11.15	1.72	62.82	6.28	47.92	67.44	3638	35478	313
W NY	BROUGHTON DIVERSIFIED	hubner H4003RC2P Brand Blend	79	7.11	3.47	56.31	11.93	34.04	67.28	3311	22361	226
W NY	BROUGHTON DIVERSIFIED	Hubner H4099RC2P Brand Blend	92	8.31	2.85	65.34	8.17	38.72	67.37	3780	29962	301
W NY	BROUGHTON DIVERSIFIED	Hubner H4124RC2P Brand Blend	96	8.95	2.96	61.36	8.41	43	67.04	3624	29343	297
W NY	BROUGHTON FARM OP	Hubner H4092RC2P Brand Blend	92	5.83	3.65	56.57	12.69	27.06	64.93	3132	18246	217
W NY	BROUGHTON FARM OP	Hubner H4038RC2P Brand Blend	89	N/A	3.04	61.55	10.03	30.96	66.98	3289	N/A	249
W NY	BROUGHTON FARM OP	Hubner H6157RCSS Brand Blend	94	6.73	3.67	60.28	11.67	27.6	66.12	3269	21995	237
W NY	BROUGHTON FARM OP	Hubner H6157RCSS Brand Blend	94	N/A	2.89	61.84	9.89	32.78	66.5	3254	N/A	251
W NY	BROUGHTON FARM OP	NK Enogen E095	95	N/A	2.73	62.09	8.87	33.88	68.3	3415	N/A	271
E NY	BUD WHITMAN	Hubner H3052 Brand	92	11.44	1.59	63.64	6.04	46.29	66.59	3578	35479	310
W NY	BULLOCK AG SERVICE	Hubner H3164 Brand	96	N/A	3.75	59.65	10.48	40.95	66.31	3470	N/A	265

REGION 2

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/Ton
E NY	BURUS BROS	Hubner H6124RCSS Brand Blend	96	12.13	1.41	64.55	5.38	46.73	67.53	3663	38866	321
W NY	CALVIN BRUBAKER	Hubner H3090RR Brand	89	8.66	2.62	65.53	7.6	40.02	63.92	3670	28378	314
E NY	CHARLES CASLER	Hubner H4157RC2P Brand Blend	94	6.8	3	63.31	9.43	28.24	70.05	3240	22032	254
E NY	CRAIG DUTCH	Hubner H4037RC2P Brand Blend	87	10.86	1.8	63.21	6.65	44.83	68.27	3650	35391	310
E NY	CRAIG FLEMING	Hubner H4037RC2P Brand Blend	87	11.37	1.69	64.15	5.97	48.14	66.52	3485	34137	304
W NY	CRIPPLE CREEK FARMS	Hubner H6134RCSS Brand Blend	96	N/A	2.44	62.39	8.29	39.04	67	3525	N/A	270
W NY	DAIRY KNOLL FARMS	Hubner H6134RCSS Brand Blend	96	9.29	3.45	60.16	10.19	40.06	64.73	3635	31147	284
W NY	DALE WEBSTER	Hubner H3090RR Brand	89	N/A	2.46	60.74	8.44	39.84	66.52	3527	N/A	272
W NY	DAMIN FARMS	Hubner H4099RC2P Brand Blend	92	N/A	3.06	63.66	8.52	37.82	68.92	3820	N/A	300
E NY	DAN JACOBS	Hubner H4099RC2P Brand Blend	92	11.6	2.62	65.79	7.04	44.42	68.9	3722	37690	329
E NY	DAN SOUTHWICH	Hubner H6257RCSS Brand Blend	104	13.12	1.89	61.67	6.25	48.41	66.09	3378	38628	297
W NY	DANIEL FANTON	Hubner H3090 Brand	89	N/A	2.75	65.64	7.58	42.97	66.45	3951	N/A	325
E NY	DAVE HAROSIA	Hubner H4094RC2P Brand Blend	84	11.38	1.39	65.34	4.92	51.61	64.98	3527	35139	324
W NY	DAVE KEHR	Hubner H4062RC2P Brand Blend	86	N/A	2.86	61.52	8.46	43.23	67.41	3783	N/A	300
W NY	DAVID NIEFERGOLD	Hubner H3368RR Brand	105	N/A	2.54	58.45	7.4	49.08	67.9	3573	N/A	306
W NY	DAVID REED	Hubner H4037RC2P Brand Blend	87	N/A	3.3	59.1	10	41.22	63.59	3559	N/A	275
W NY	DAVID SMITHGALL	Hubner H6134RCSS Brand Blend	96	N/A	2.24	62.52	7.93	40.83	68.91	3624	N/A	285
W NY	D-D BROOKS DAIRY	Hubner H4062RC2P Brand Blend	86	N/A	3.2	62.68	8.94	38.43	67.16	3667	N/A	288
W NY	DEIEDZIC FARMS	Hubner H6038RCSS Brand Blend	89	N/A	2.71	64.14	7.84	38.22	69.83	3861	N/A	311
W NY	DON CONRAD	Hubner H4124RC2P Brand Blend	96	N/A	3.23	64.28	8.52	34.46	67.71	3680	N/A	289
W NY	DONALD KRENZER	Hubner H2225 Brand	102	N/A	2.99	62.23	8.45	40.41	69.16	3675	N/A	287

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/Ton
E NY	DONALD PERRY	Hubner H6124RCSS Brand Blend	96	12.76	1.49	65.74	5.18	50.07	67.31	3653	40283	331
W NY	DORMAN FARMS LLC	Hubner H6134RCSS Brand Blend	96	N/A	2.65	66.32	7.21	39.27	68.92	3897	N/A	325
W NY	DOUBLE D FARM	Hubner H3090RR Brand	89	N/A	3.27	59.24	9.57	41.81	67.06	3721	N/A	279
W NY	DOUG BRUNING	Hubner H4099RC2P Brand Blend	92	N/A	2.78	63.16	8.04	40.27	67.29	3674	N/A	298
W NY	EARL MEST	Hubner H4094RC2P Brand Blend	84	N/A	2.32	60.83	8.03	38.56	67.69	3547	N/A	272
E NY	EARL NOLT	Hubner H4094RC2P Brand Blend	84	5.49	2.6	61.15	8.32	35.5	69.3	3472	19076	273
W NY	EDGEWOOD FARMS	Hubner H6134RCSS Brand Blend	96	N/A	2.75	66.54	7.23	43.15	67.37	3946	N/A	320
E NY	EDWARD GEHM	Hubner H6134RCSS Brand Blend	96	6.76	2.36	62.8	6.61	40.54	67.23	3592	22692	293
E NY	EVAN SCHOLOFF	Hubner H4003RC2P Brand Blend	79	11.47	1.24	67.7	4.57	51.09	66.07	3572	36179	333
W NY	FARON REDING FARM	Hubner H4038RC2P Brand Blend	89	N/A	2.4	59.37	7.14	49.32	68.32	3666	N/A	317
W NY	FLINTS DAIRY FARM	Hubner H4003RC2P Brand Blend	79	N/A	2.01	64.38	6.91	41.44	66.54	3667	N/A	294
W NY	FONTAINE FARMS	Hubner H4003RC2P Brand Blend	79	N/A	1.93	69.19	6.02	39.88	65.64	3764	N/A	311
W NY	FONTAINE FARMS	Hubner H4062RC2P Brand Blend	86	N/A	2.21	64.31	7	43	64.45	3742	N/A	299
E NY	FOSTER BROTHERS FARM	Hubner H6134RCSS Brand Blend	96	N/A	1.95	61.2	7.42	42.25	57.15	3329	N/A	286
W NY	GARY DANIEL	Hubner H4038RC2P Brand Blend	89	N/A	2.89	64.16	7.79	38.88	68.78	3832	N/A	303
E NY	GARY JACKSON	Hubner H4099RC2P Brand Blend	92	12.15	1.33	66.76	4.86	50.96	66.04	3562	37701	321
E NY	GEMINI FARMS	Hubner H6225RCSS Brand Blend	102	11.17	2.52	63.73	7.77	44.27	70.34	3708	37228	311
W NY	GEORGE HAIER	Hubner H6134RCSS Brand Blend	96	N/A	2.13	63.07	7.52	40.59	66.97	3602	N/A	282
E NY	GYPSY DELL FARMS	Hubner H6157RCSS Brand Blend	94	12.06	1.33	65.24	4.97	51.18	66.1	3631	38082	330
W NY	HAPPY HOLLOW DAIRY	Hubner H4222RC2P Brand Blend	101	N/A	2.63	66.49	8.79	32.57	68.35	3463	N/A	279
W NY	HAPPY HOLLOW DAIRY	Hubner H6134RCSS Brand Blend	96	N/A	2.61	64.32	7.56	37.93	69.42	3779	N/A	302

REGION 2

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/Ton
W NY	HOELSCHER HILLTOP	Hubner H4094RC2P Brand Blend	84	N/A	3	60.16	8.62	44.08	66.36	3600	N/A	291
W NY	HOFFMAN FAMILY FARM	Hubner H4003RC2P Brand Blend	79	5.4	2.45	62.26	8.2	43.98	68.1	3849	19670	302
W NY	HOFFMAN FAMILY FARM	Hubner H6053RCSS Brand Blend	87	4.8	3.16	55.63	10.61	37.31	68.9	3514	16851	251
W NY	HOFFMAN FAMILY FARM	Mycogen 2R158	83	5.31	2.84	56.75	10.13	41.37	64.61	3717	18792	283
W NY	HOFFMAN FAMILY FARM	Mycogen TMF83Y26	83	5.27	3.1	59.56	10.03	33.38	66.17	3509	17788	275
E NY	HOURIGAN FARMS	Hubner H6225RCSS Brand Blend	102	12.41	2.44	62.97	7.41	46.83	69.43	3755	41662	314
W NY	JAMES BRICK	Hubner H6134RCSS Brand Blend	96	N/A	3.32	59.41	9.74	41.41	67.92	3656	N/A	280
E NY	JAMES WILLIAMS	Hubner H3124 Brand	96	11.83	1.72	63.67	6.01	45.86	65.88	3485	35835	304
E NY	JAMES ZEHR	Hubner H4046RC2P Brand Blend	88	9.27	2.68	52.66	9.49	45.76	71.75	3686	34185	271
E NY	JEFF VANDERWESKEN	Hubner H4099RC2P Brand Blend	92	12.61	1.15	68.26	4.2	51.84	65.46	3592	40004	336
W NY	JEFFERY PATTRIDGE	Hubner H4061RC2P Brand Blend	91	N/A	2.93	61.02	8.68	41.25	66.13	3614	N/A	289
W NY	JEFFREY SIMONS	Hubner H4099RC2P Brand Blend	92	N/A	2.16	63.43	7.75	41.55	65.28	3577	N/A	287
E NY	JIM BECHER	Hubner H6134RCSS Brand Blend	96	10.13	1.95	62.36	7.27	41.21	67.56	3553	33586	278
W NY	JIM MICHALEK	Hubner H6090RCSS Brand Blend	89	N/A	3.19	62.87	8.53	37.82	69.44	3755	N/A	291
E NY	JOHN HAYES	Hubner H4099RC2P Brand Blend	92	7.2	1.89	65.9	5.91	43.99	69.17	3541	22596	306
E NY	JOHN OSBORNE	Hubner H4157RC2P Brand Blend	94	10.24	1.99	57.62	7.93	48.95	67.73	3704	35354	282
W NY	JOSEPH TELAAK	Hubner H4062RC2P Brand Blend	86	N/A	3.24	64.14	8.89	37.86	67.96	3692	N/A	291
E NY	KARL RAUSHER	Hubner H4003RC2P Brand Blend	79	12.21	1.63	65	5.68	48.5	66.14	3478	37674	318
W NY	KEITH SCHMITZ FARM	Hubner H4062RC2P Brand Blend	86	N/A	2.19	62.59	7.41	43.29	66.41	3647	N/A	285
W NY	KINGSTON FARMS	Hubner H02G225 Brand Blend	102	N/A	2.66	62.47	8.2	43.61	70.48	3656	N/A	295
W NY	KINGSTON FARMS	Hubner H4222RC2P Brand Blend	101	N/A	3.36	55.07	9.73	39.08	63.63	3124	N/A	241
W NY	KIRSH FARMS	Hubner H4062RC2P Brand Blend	86	N/A	2.17	64.58	7.03	41.44	65.86	3691	N/A	298

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/Ton
W NY	LARRY SNYDER	Hubner H4094RC2P Brand Blend	84	N/A	3.07	62.3	8.78	38.09	68.34	3703	N/A	278
W NY	LEE SMITH	Hubner H4003RC2P Brand Blend	79	N/A	2.94	66.04	8.24	34.39	68.13	3750	N/A	300
W NY	LEROY FEED-SEED DEPO	Hubner H6134RCSS Brand Blend	96	8.46	2.48	60.96	8.25	40.93	69.08	3794	31352	294
W NY	LUCE DAIRY FARM	Hubner H4099RC2P Brand Blend	92	7.49	4.12	56.11	12.52	37.41	61.11	3536	24879	258
E NY	MAPLE DOWNS FARM	Hubner H6225RCSS Brand Blend	102	10.49	2.09	63.81	7.12	42.93	66.48	3698	37073	289
W NY	MARK BAINBRIDGE	Hubner H4099RC2P Brand Blend	92	N/A	3.21	63.05	8.65	37.61	69	3707	N/A	289
W NY	MARK HYMAN	Hubner H6134RCSS Brand Blend	96	N/A	2.33	65.43	7.82	38.65	68.23	3634	N/A	287
E NY	MARK THORNTON	Hubner H4094RC2P Brand Blend	84	12.03	1.46	66.88	5.5	48.69	66.07	3568	37424	322
W NY	MARQUART BROTHERS	Hubner H6225RCSS Brand Blend	102	N/A	2.78	65.22	7.65	37.59	67.58	3809	N/A	305
E NY	MARSHALL FARMS INC	Hubner H6157RCSS Brand Blend	94	12.74	1.12	67.2	4.53	51.63	66.71	3707	40658	334
W NY	MEYER DAIRY FARM	Hubner H6187RCSS Brand Blend	97	8.57	2.64	62.1	7.67	48.46	66.86	3822	28812	323
W NY	MILKY WAY FARMS	Hubner H3368RR Brand	105	N/A	3.09	63.82	8.99	38.33	67.47	3749	N/A	299
W NY	MILLER DAIRY FARMS	Hubner H4090RC2P Brand Blend	89	N/A	2.6	59.9	8.9	39.98	67.61	3535	N/A	268
E NY	MITHUA FARMS	Hubner H3090RR Brand	89	11.37	1.37	65.41	5.3	47.49	66.86	3611	35683	324
E NY	MOCKING BIRD HILL	Hubner H6053RCSS Brand Blend	87	6.86	3.3	61.44	10.01	30.65	61.84	3430	21888	273
E NY	MY BACK MEADOWS LLC	Hubner H6187RCSS Brand Blend	97	11.81	2.43	64.55	7.01	44.18	68.46	3827	40471	325
E NY	NEIL BRODOCK	Hubner H4099RC2P Brand Blend	92	11.58	1.25	66.5	4.91	49.22	68.56	3687	36611	332
W NY	NORTH FARM	Hubner H3090RR Brand	89	N/A	2.92	61.11	8.34	44.68	66.27	3802	N/A	299
W NY	PAUL GABEL	Hubner H4003RC2P Brand Blend	79	N/A	2.44	62.41	7.99	38.48	66.57	3569	N/A	278
W NY	PAUL PERL	Hubner H4099RC2P Brand Blend	92	7.96	3.44	61.86	9.94	39.05	63.98	3745	28154	289
W NY	PAUL PERL	Hubner H4124RC2P Brand Blend	96	8.09	2.77	65.18	7.75	43.27	62.75	3920	29437	322

REGION 2

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/Ton
E NY	PETE GREEN	Hubner H3052 Brand	92	10.51	2.14	67.31	6.32	43.75	69.24	3806	35340	337
W NY	PETER RAUBER	Hubner H4094RC2P Brand Blend	84	N/A	1.95	59.71	6.83	47.81	65.41	3469	N/A	287
W NY	PHILLIPS FAMILY FARM	Hubner H4094RC2P Brand Blend	84	N/A	2.92	58.63	8.95	43.21	65.84	3542	N/A	282
W NY	PURDY FAMILY FARMS	Hubner H4157RC2P Brand Blend	94	N/A	3.15	62.18	9.07	36.42	68.42	3696	N/A	285
E NY	QUIET VALLEY FARMS	Hubner H6330RCSS Brand Blend	108	10.64	1.87	62.88	6.31	46.04	67.11	3493	32005	302
E NY	RANDY MARCH	Hubner H3052 Brand	92	10.75	1.43	64.49	5.36	49.08	68.18	3594	33101	318
W NY	R-D CROWELL	Hubner H6134RCSS Brand Blend	96	8.17	2.2	63.52	6.87	44.52	68.84	3933	31242	316
W NY	REEDLAND FARMS	Hubner H6134RCSS Brand Blend	96	N/A	3.07	62.83	8.96	38.21	67.48	3730	N/A	285
W NY	RICHARD PILC	Hubner H6134RCSS Brand Blend	96	N/A	2.62	63.57	7.08	41.78	68.81	3896	N/A	311
W NY	ROB BLISS	Hubner H3090RR Brand	89	N/A	2.79	63.41	8.07	44.34	67.31	3739	N/A	322
W NY	ROCK GLEN RIDGE FARM	Hubner H6134RCSS Brand Blend	96	N/A	2.01	64.49	6.88	41.52	66.15	3690	N/A	293
E NY	ROHRING FALLS	Hubner H4187RC2P Brand Blend	97	7.96	3.61	60.32	10.48	38.65	66.99	3646	28664	273
W NY	RON WITTMAYER	Hubner H4003RC2P Brand Blend	79	N/A	2.05	65.86	6.89	40.09	67.49	3735	N/A	299
W NY	RYAN PLOETZ	Hubner H4157RC2P Brand Blend	94	11.11	3.03	60.79	9.37	42.11	67.76	3639	37023	288
W NY	SCOTT FISHER	Hubner H4222RC2P Brand Blend	101	8.45	3.19	63.47	8.84	41.92	63.66	3791	29764	304
W NY	SHIRLEY HARRIS	Hubner H4099RC2P Brand Blend	92	N/A	4.37	54.3	13.38	38.24	60.6	3418	N/A	245
W NY	SILVER HAVEN FARM	Hubner H4094RC2P Brand Blend	84	N/A	2.87	63.53	8.21	38.31	69.31	3760	N/A	295
W NY	SIRVE FARMS	Hubner H3368RR Brand	105	N/A	3.04	63.16	8.61	38.45	67.76	3703	N/A	288
W NY	SKEELS FARMS LLC	Hubner H6134RCSS Brand Blend	96	N/A	2.05	61.23	7.74	41.22	65.97	3452	N/A	280
W NY	SKEELS FARMS LLC	Mycogen F2F499	99	N/A	1.94	67.17	6.18	37.96	67.97	3729	N/A	306
E NY	SKYLINE HILL FARM	Hubner H6368RCSS Brand Blend	105	11.89	1.84	64.46	6.29	49.34	67.65	3619	36972	315
E NY	SMITH BROS FARM	Hubner H6157RCSS Brand Blend	94	10.82	2.48	64.08	7.32	41.14	68.93	3729	36495	318

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/Ton
E NY	SMITHS EGGS	Hubner H6124RCSS Brand Blend	96	12.3	1.44	63.64	5.26	52.61	66.98	3583	38536	329
E NY	SOUTHTOWN	hubner H6134RCSS Brand Blend	96	10.01	2.64	57.12	9.26	38.48	66.11	3445	34471	254
E NY	SOUTHTOWN	Hubner H6157RCSS Brand Blend	94	11.24	2.67	54.97	9.78	40.54	65.07	3481	38658	254
W NY	STEIN FARMS LLC	Hubner H6134RCSS Brand Blend	96	N/A	2.55	63.75	7.2	40.91	68.58	3865	N/A	311
W NY	SUNNY KNOLL FARMS	Hubner H3124 Brand	96	8.31	2.9	64.11	8.31	41.16	62.05	3869	30358	307
W NY	SWISS VALLEY FARMS	Hubner H3368RR Brand	105	N/A	3.26	63.64	9.74	35.92	68.12	3717	N/A	293
W NY	TELAAK FARMS	Hubner H4222RC2P Brand Blend	101	N/A	2.9	54.81	9.16	48.91	66.43	3537	N/A	288
E NY	TIM ANDREWS	Hubner H6157RCSS Brand Blend	94	11.55	1.61	64.82	5.73	48.22	67.51	3526	35454	313
E NY	TIM FABER	Hubner H4046RC2P Brand Blend	88	10	2.9	63.3	8.58	40.27	67.3	3629	32802	297
E NY	TIMOTHY BRUBAKER	Hubner H4094RC2P Brand Blend	84	8.19	3.67	54.3	11.29	33.04	71.05	3021	22049	226
W NY	TL HODNETT FARM	hubner H6157RCSS Brand Blend	94	N/A	3.32	62.9	9.06	36.02	69.06	3513	N/A	286
W NY	TOM WITTMAYER	Hubner H4062RC2P Brand Blend	86	N/A	2.07	62.9	7.33	42.54	67.41	3646	N/A	286
E NY	TOM WOROBEY	Hubner H4062RC2P Brand Blend	86	6.58	2.83	63.54	8.27	32.51	69.58	3599	23672	290
E NY	TWIN BIRCH DAIRY	Hubner H3124 Brand	96	8.77	2.74	62.73	8.62	38.92	69.94	3750	32874	294
W NY	VISTA VIEW FARMS	hubner H6053RCSS Brand Blend	87	N/A	2.99	62.7	8.53	37.37	68.43	3717	N/A	291
W NY	WARD BRUNING	Hubner H4062RC2P Brand Blend	86	N/A	2.43	64.06	6.85	46.01	69.57	3972	N/A	322
W NY	WHISPER BROOK FARMS	Hubner H4222RC2P Brand Blend	101	9.61	2.03	68.6	5.52	44.38	68.82	4104	37138	352
W NY	WILEAN FARMS	Masters choice MCT4934	99	N/A	3.51	59.17	10.77	36.43	68.34	3559	N/A	264
E NY	WILLARD FULLER	Hubner H3806RR Brand	115	11.29	2.61	63.68	7.7	45.28	68.68	3668	36188	314
W NY	WILLIAM FUGLE	Hubner H4094RC2P Brand Blend	84	N/A	2.78	65.41	7.87	37.34	70.26	3825	N/A	307
W NY	WILLIAM LUTZ	Hubner H4090RC2P Brand Blend	89	N/A	1.8	59.64	6.77	49.96	65.41	3484	N/A	296
E NY	WILLIAM MILLS	Hubner H3124 Brand	96	11.53	1.44	65.7	5.54	49.19	67.88	3671	36357	326

REGION 2

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/Ton
W NY	WISCOY VALLEY FARMS	Hubner H4099RC2P Brand Blend	92	8.15	3.02	65.27	8.29	36.05	68.1	3670	28137	303
W NY	WOLFE BROTHERS FARMS	Hubner H4094RC2P Brand Blend	84	N/A	2.92	60.92	8.39	42.17	66.74	3611	N/A	292
W NY	ZIELENESKI FARMS	Hubner H4099RC2P Brand Blend	92	7.5	3.08	62.94	8.39	41.55	66.5	3835	26948	308



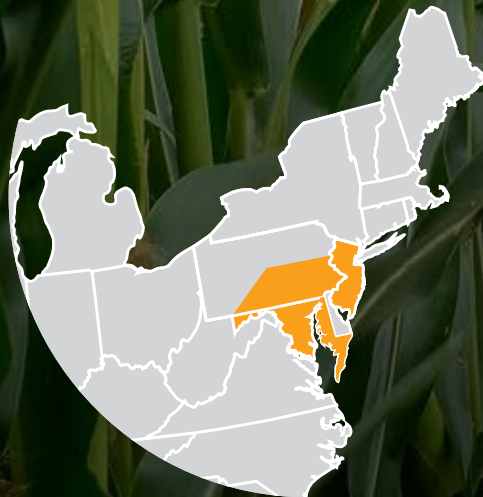
MILK MAX SILAGE RESEARCH RESULTS GROWER DATA

— REGION 3 —



REGION 3

MARYLAND
SOUTHEASTERN
PENNSYLVANIA
NEW JERSEY



RECOMMENDATIONS FOR REGION 3 MILK MAX SILAGE

RESEARCH RECOMMENDS
THE FOLLOWING PRODUCTS
FOR EXCEPTIONAL
NUTRITIONAL TRAITS
FOR HIGH MILK PRODUCTION:

H6624RCSS | **H6663RCSS** | **H6755RCSS**
BRAND BLEND | BRAND BLEND | BRAND BLEND

	HUBNER SEED™ FOOTPRINT AVERAGE	REGION 3 AVERAGE
DM TONS	8.56	8.38
%STARCH	39.76%	38.9%
STARCH DIGESTIBILITY: IVSD-7	67.48%	67.9%
%NDFd30	60.84%	59.96%
%LIGNIN	2.65%	2.71%
uNDF240	8.44	8.73
MILK/TON	3,572	3,526
MILK/ACRE	28,650	28,143
BEEF/TON	284	278

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	ABNER ZIMMERMAN	Hubner H6755RCSS Brand Blend	114	10.34	2.36	58.18	8.73	43.83	63.04	3501	33333	270
SE PA/NE MD	ADAM KOPP	Hubner H4811RC2P Brand Blend	115	N/A	3.01	59.1	9.14	45.52	69.07	3664	N/A	285
SE PA/NE MD	ALAN MASON	Hubner H4890RC2P Brand Blend	117	10.49	3.31	52.3	10.82	40.6	67.58	3395	32749	244
SE PA/NE MD	ALBERT ZIMMERMAN	Hubner H4811RC2P Brand Blend	115	11.72	1.94	59.06	7.58	43.93	66.26	3681	43129	286
SC PA/MD/ DE	ALEX IZER	Hubner H12G624 Brand Blend	112	9.89	3	61.41	10.11	28.92	66.73	3290	31958	253
SE PA/NE MD	APPLE VALLEY CREAM	Hubner H2890 Brand	117	7.3	2.53	59.27	8.68	38.93	67.04	3414	23465	260
SC PA/MD/ DE	ARBAUGHS FLOWING SPR	Hubner H4099RC2P Brand Blend	92	4.87	2.6	64.94	7.77	40.39	69.8	3826	17940	303
SE PA/NE MD	ARLIN STEINER	Hubner H6624RCSS Brand Blend	112	9.11	2.33	63.66	7.62	37.35	66.32	3551	32353	283
SE PA/NE MD	ART MELLINGER	Hubner H6755RCSS Brand Blend	114	8.88	2.89	63.93	7.69	34.93	79.9	3771	33475	310
SC PA/MD/ DE	B.J. SWEENEY	Hubner H4744RC2P Brand Blend	113	7.97	3.89	58.36	11.07	33.31	64.98	3454	26641	252
SE PA/NE MD	BAER BROS FARM	Hubner H6867RCSS Brand Blend	116	7.63	3.97	50.81	11.89	40.16	66.01	3454	24454	246
SE PA/NE MD	BARRICK DAIRY LLC	Hubner H6755RCSS Brand Blend	114	6.99	2.24	61.9	7.61	39.79	68.52	3616	24568	291
SE PA/NE MD	BEN BRENISE	Hubner H4099RC2P Brand Blend	92	4	2.28	69.56	5.57	37.96	74.02	4013	15837	340
SE PA/NE MD	BENJAMIN STOLTZFOOS	Hubner H6390RCSS Brand Blend	108	8.38	2.05	60.69	6.84	42.25	67.61	3648	29965	289
SC PA/MD/ DE	BOB RICHARDS	Hubner H4046RC2P Brand Blend	88	12.26	1.89	63.62	6.95	42.13	64.35	3541	39555	296
SE PA/NE MD	BRANDON WEAVER	Red Tail 54T11	104	8.63	2.36	54.25	9.2	40.35	68.18	3460	29863	255
SE PA/NE MD	BRENTON STAHL	Hubner H4390RC2P Brand Blend	108	7.87	1.65	65.71	6.02	45.4	69.7	3710	26681	317
SC PA/MD/ DE	BRIAN SWEENEY	Hubner H4744RC2P Brand Blend	113	7.94	3.02	57.2	10.22	34.89	64.58	3319	25471	242
SE PA/NE MD	BRYAN YOUNKER	Hubner H4390RC2P Brand Blend	108	8.23	2.62	58.29	9.73	37.23	69.12	3379	27805	256
SE PA/NE MD	CALVIN MILLER	Hubner H6663RCSS Brand Blend	113	10.71	2.8	57.87	8.64	40.27	72.52	3279	31638	278
SE PA/NE MD	CARL-EVAN HAMBAKER	Hubner H12G624 Brand Blend	112	8.69	3.02	62.73	8.44	42.51	68.22	3628	27847	313
SE PA/NE MD	CARL-EVAN HAMBAKER	Mycogen UNI14D38	114	8.81	2.01	68.93	6.26	36.33	68.46	3587	30259	300

REGION 3

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	CARL-EVAN HAMBAKER	Hubner H4755RC2P Brand Blend	114	9.19	2.15	59.49	7.71	41.84	66.27	3558	30661	282
SC PA/MD/ DE	CHARLES EICHELBERGER	Hubner H4811RC2P Brand Blend	115	9.01	2.9	63.68	8.56	36.75	69.81	3720	33516	294
SC PA/MD/ DE	CHARLES MURPHY	Hubner H4890RC2P Brand Blend	117	9.46	2.51	61.04	8.03	39.7	65.71	3539	31591	280
SE PA/NE MD	CHARLES ZIMMERMAN	Hubner H6755RCSS Brand Blend	114	6.32	2.28	63.58	7.47	33.73	68.74	3561	21648	290
SE PA/NE MD	CHRISTIAN HERSHBERGER	Hubner H4755RC2P Brand Blend	114	6	2.31	62.48	6.43	42.26	67.26	3704	21153	300
SC PA/MD/ DE	CHRISTOPHER MECK	Hubner H6744RCSS Brand Blend	113	N/A	3.33	52.04	11.59	39.74	62.21	3465	N/A	238
SC PA/MD/ DE	CHUCK FRY	Hubner H6755RCSS Brand Blend	114	8.51	3.5	60.59	11.07	30.11	64.65	3205	27263	238
SE PA/NE MD	CLARENCE ZIMMERMAN	Hubner H4663RC2P Brand Blend	113	5.31	2.4	57.17	8.13	45.9	69.65	3373	15931	270
SE PA/NE MD	CLIFFORD DETWEILER	Hubner H6755RCSS Brand Blend	114	9.24	2.79	61.5	8.17	42.91	68.4	3825	33196	310
SE PA/NE MD	CURRY WAGNER JR	Hubner H6663RCSS Brand Blend	113	5.52	2.72	62.86	8.9	32.53	68.59	3398	18746	267
SC PA/MD/ DE	CURTIS BRANT	Hubner H4811RC2P Brand Blend	115	11.17	2.59	64.41	7.53	35.31	69.17	3805	40076	317
SE PA/NE MD	CURVIN HOOVER	Hubner H6394RCSS Brand Blend	108	N/A	3.46	55.54	10.23	41.6	64.13	3558	N/A	280
SE PA/NE MD	D. FRED MILLER	Hubner H4663RC2P Brand Blend	113	5.81	2.61	59.99	9	36.72	69.48	3377	19619	257
SE PA/NE MD	DALE HIMMELBERGER	Hubner H6663RCSS Brand Blend	113	9.14	3.6	59.37	9.82	37.72	67.37	3724	32276	293
SE PA/NE MD	DALE MAULFAIR	Hubner H4811RC2P Brand Blend	115	9.05	3.17	56.66	10.01	40.78	68.42	3645	31176	274
SE PA/NE MD	DALE ZIMMERMAN	Hubner H6663RCSS Brand Blend	113	10.26	3.17	54.32	10.28	38.91	64.93	3241	30397	244
SE PA/NE MD	DANE LEHMAN	Hubner H4811RC2P Brand Blend	115	N/A	2.43	62.83	7.98	34.96	69.22	3333	N/A	279
SE PA/NE MD	DANIEL ESHLEMAN	Hubner H4663RC2P Brand Blend	113	5.11	2.51	64.91	6.88	42.12	69.83	3871	18689	316
SE PA/NE MD	DANIEL ESHLEMAN	Hubner H4359RC2P Brand Blend	107	5.48	2.78	62.48	7.97	43.85	67.75	3763	18970	304
SE PA/NE MD	DANIEL FISHER	Hubner H4755RC2P Brand Blend	114	11.79	1.61	58.8	6.2	51.81	67.29	3646	37497	307
SE PA/NE MD	DANIEL LEID	Hubner H12G624 Brand Blend	112	10.22	3.12	55.9	11.07	37.05	66.96	3309	33809	235
SE PA/NE MD	DANIEL M KAUFFMAN	Hubner H4811RC2P Brand Blend	115	7.34	2.95	58.33	9.99	32.34	67.22	3227	23676	241

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SC PA/ MD/ DE	DAR-VIEW FARMS	Hubner H6330RCSS Brand Blend	108	11.42	2.57	57.07	9.28	34.34	67.53	3319	35817	248
SE PA/NE MD	DARVIN HOOVER	Hubner H6213RCSS Brand Blend	101	9.62	2.06	61.49	7.17	40.78	72.4	3490	31454	274
SE PA/NE MD	DAVE GINDER	Hubner H4744RC2P Brand Blend	113	N/A	1.86	57.97	6.85	48.09	70.07	3459	N/A	291
SE PA/NE MD	DAVE SMUCKER	Hubner H4755RC2P Brand Blend	114	12.07	2.16	52.1	7	48.53	63.61	3335	34064	283
SC PA/ MD/ DE	DAVID ANDERSON	Hubner H4811RC2P Brand Blend	115	10.01	2.19	65.01	8.09	33.01	64.84	3470	34746	277
SE PA/NE MD	DAVID HALTEMAN	Hubner H4744RC2P Brand Blend	113	3.55	3.26	59.47	9.42	26.76	69.14	3134	11117	241
SE PA/NE MD	DAVID HALTEMAN	Mycogen 14B92	114	5.05	1.87	64.87	6.38	40.96	64.24	3576	16679	300
SE PA/NE MD	DAVID N FOX	Hubner H6755RCSS Brand Blend	114	11.91	3.2	59.96	9.44	42.13	64.14	3751	41017	302
SE PA/NE MD	DAVID NOLT	Hubner H6390RCSS Brand Blend	108	6.56	1.68	63.09	6.04	45.73	66.71	3698	22301	305
SE PA/NE MD	DAVID NOLT	Mycogen BMR 15B1B	115	7.66	2.71	63.73	9.58	31.28	60.6	3288	23968	262
SC PA/ MD/ DE	DAVID PYLE	Hubner H6755RCSS Brand Blend	114	6.11	2.7	64.27	7.3	29.49	76.38	3728	22361	313
SC PA/ MD/ DE	DAVID PYLE	Mycogen BMR 06B58	106	6.96	2.26	74.22	6.67	17.18	77.9	3159	21984	337
SC PA/ MD/ DE	DAVID PYLE	Hubner H6755RCSS Brand Blend	114	7.54	3.33	62.44	9.72	30.39	67.56	3418	25126	260
SE PA/NE MD	DAVID WEAVER	Hubner H6394RCSS Brand Blend	108	8.21	2.96	50.91	10.65	42.35	65.26	3267	24854	228
SE PA/NE MD	DAVID WEAVER	Hubner H08G394 Brand Blend	108	N/A	2.44	61.93	8.44	39.07	65.42	3553	N/A	274
SE PA/NE MD	DAVID WILLIAMS	Hubner H6225RCSS Brand Blend	102	8.44	2.71	63.3	7.78	32.68	75.58	3687	29991	294
SE PA/NE MD	DEBOUGH FARMS	Hubner H4755RC2P Brand Blend	114	3.93	2.41	66.56	6.92	41.37	68.81	3935	15377	320
SE PA/NE MD	DELTON NOLT	Hubner H04G287 Brand Blend	104	9.35	2.69	57.65	9.8	35.84	63.06	3210	27336	247
SE PA/NE MD	DENNIS SHATER	Hubner H4663RC2P Brand Blend	113	6.78	2.9	63.25	8.82	41.51	68.66	3683	23311	292
SE PA/NE MD	DEREK UMBLE	Hubner H6867RCSS Brand Blend	116	12.24	2.61	55.28	9.26	40.55	66.85	3347	38457	246
SC PA/ MD/ DE	DICK REEDER	Hubner H4744RC2P Brand Blend	113	7.73	4.23	56.17	14.39	29.22	68.7	3094	23491	198
SE PA/NE MD	DON GABLE	Hubner H12G624 Brand Blend	112	6.64	2.82	62.65	8.42	39.08	69.14	3776	24758	297

REGION 3

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	DONALD STROCK	Hubner H4359RC2P Brand Blend	107	6.79	3.11	55.03	10.39	40.63	68.73	3522	22566	256
SC PA/MD/ DE	DONAVAN MARTIN	Hubner H4890RC2P Brand Blend	117	7.47	3.49	54.19	11.4	37.15	62.54	3513	25773	249
SC PA/MD/ DE	DOUG PARSONS	Hubner H6368RCSS Brand Blend	105	N/A	3.06	61.47	9.92	29.17	70.2	3223	N/A	252
SE PA/NE MD	DUANE COPENHAVER	Enogen E118	118	8.35	2.32	62.84	6.76	43.12	65.77	3527	26801	298
SE PA/NE MD	DUANE COPENHAVER	Hubner H4663RC2P Brand Blend	113	N/A	2.14	58.81	6.93	45.53	67.1	3596	N/A	291
SE PA/NE MD	DUANE DILLER	Hubner H2890 Brand	117	6.14	3.16	60.96	9.28	37.73	66.33	3620	20747	284
SE PA/NE MD	DUANE HERSHEY	Hubner H6663RCSS Brand Blend	113	10	2.9	51.29	9.77	40.15	66.44	3342	33412	236
SE PA/NE MD	DUANE STOTTZFUS	Hubner H6225RCSS Brand Blend	102	7.48	2.25	59.87	7.89	42.03	69.13	3598	26837	279
SE PA/NE MD	EARLAKILL FARM	Hubner H6368RCSS Brand Blend	105	8	2.44	56.87	8.18	42.44	66.11	3496	26281	264
SE PA/NE MD	EDNA BURKHOLDER	Hubner H08G394 Brand Blend	108	N/A	2.99	58.36	8.91	42.32	70.42	3571	N/A	273
SE PA/NE MD	EDWARD HEAGY	Pioneer P1449	114	6.04	2.6	63.24	6.44	37.09	67.02	3720	22481	302
SE PA/NE MD	EDWARD HEAGY	Hubner H6755RCSS Brand Blend	114	7.67	3.3	53.48	9.37	45.07	66.67	3748	28611	282
SE PA/NE MD	EDWARD HEAGY	Augusta A1165	115	7.9	3.15	59.9	9.61	39.79	67.37	3728	29443	286
SE PA/NE MD	ELI ZIMMERMAN	Hubner H6390RCSS Brand Blend	108	9.65	2.57	56.82	9.56	40.3	69.22	3465	33445	258
SE PA/NE MD	ELI ZIMMERMAN	Hubner H6390RCSS Brand Blend	108	11.69	2.21	60.28	7.95	42.17	68.86	3635	40339	284
SE PA/NE MD	ELI ZIMMERMAN	Hubner H6764RCSS Brand Blend	114	12.07	3.07	49.8	10.44	44.11	67.53	3574	40805	254
SE PA/NE MD	ELI ZIMMERMAN	Hubner H6755RCSS Brand Blend	114	12.74	3.32	54.73	11.13	39.4	70.05	3539	44231	256
SE PA/NE MD	ELMER ZIMMERMAN	Hubner H4811RC2P Brand Blend	115	8.76	3.89	54.66	13.02	30.64	69.94	3260	28036	230
SE PA/NE MD	ELTON HURST	Hubner H6755RCSS Brand Blend	114	N/A	2.09	66.48	5.88	44.11	70.4	3903	N/A	335
SE PA/NE MD	ELVIN NEWSWANGER	Hubner H6867RCSS Brand Blend	116	9.24	2.46	55.22	9.34	42.29	65.94	3391	28798	255
SE PA/NE MD	ELVIN REIFF	Hubner H4663RC2P Brand Blend	113	10.32	2.87	54.78	10.06	41.26	65.85	3430	34138	243
SC PA/MD/ DE	ELWOOD MYERS	Hubner H4490RC2P Brand Blend	109	12.33	2.61	59.13	8.95	41.19	71.07	3736	42588	296

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	ENGLISH SPRING FARM	Hubner H3390RR Brand	108	5.61	2.54	60.64	7.87	44.06	70.69	3811	19967	304
SE PA/NE MD	ENGLISH SPRING FARM	Hubner H08G394 Brand Blend	108	5.93	2.28	61.21	7.51	45.92	69.65	3800	20566	310
SE PA/NE MD	ENGLISH SPRING FARM	Hubner H6124RCSS Brand Blend	96	5.95	2.99	55.34	8.75	42.03	67.26	3590	19549	285
SE PA/NE MD	ENGLISH SPRING FARM	Mycogen BMR 06B58	106	6.5	2.44	64.14	7.99	38.4	65.23	3506	20331	295
SE PA/NE MD	ENGLISH SPRING FARM	Hubner H3390RR Brand	108	8.43	1.72	67.08	4.74	45.7	68.1	3912	32215	325
SE PA/NE MD	ENGLISH SPRING FARM	Mycogen UNI 06D58	109	N/A	2.72	68.63	7.58	32.07	68.15	3700	N/A	310
SE PA/NE MD	ERIC HIGH	Hubner H6257RCSS Brand Blend	104	6.8	3.08	62.7	9.47	33.49	74.98	3658	24876	298
SE PA/NE MD	ERIC MARTIN	Hubner H4222RC2P Brand Blend	101	6.25	3	63.22	9.6	33.91	68.71	3624	22649	283
SE PA/NE MD	ERVIN DILLER	Hubner H6624RCSS Brand Blend	112	7.22	2.64	59.43	8.45	44.99	66.09	3669	24016	293
SE PA/NE MD	EUGENE HOSTETTER	Hubner H4811RC2P Brand Blend	115	N/A	3.15	51.93	10.7	43.39	68.29	3383	N/A	248
SE PA/NE MD	EZRA HORST JR	Hubner H6755RCSS Brand Blend	114	10.96	2.89	60.1	8.9	41.44	69.14	3602	35878	290
SE PA/NE MD	FAHNESTOCK FARMS	Mycogen F2F499	99	8.09	2.44	57.48	7.9	43.29	66.82	3340	23755	276
SE PA/NE MD	G AND S AUMENT FARM	Hubner H6755RCSS Brand Blend	114	11.49	2.99	52.39	9.91	47.28	69.17	3562	36442	277
SE PA/NE MD	GALEN OBERHOLTZER	Hubner H6663RCSS Brand Blend	113	8.18	3.08	56.6	9.58	39.66	67.58	3584	27512	274
SE PA/NE MD	GALEN OBERHOLTZER	Hubner H6368RCSS Brand Blend	105	8.25	2.83	58.36	8.13	39.71	69.14	3620	27983	287
SE PA/NE MD	GALEN RAY MARTIN	Hubner H4663RC2P Brand Blend	113	N/A	3.33	55.76	10.04	42.67	66.95	3514	N/A	265
SE PA/NE MD	GLENN MARTIN	Hubner H6663RCSS Brand Blend	113	8.09	2.27	60.92	7.95	44.08	65.84	3494	25477	279
SE PA/NE MD	GLENN RANCK	Hubner H4811RC2P Brand Blend	115	N/A	2.79	62.74	7.88	40.12	71.92	3753	N/A	296
SE PA/NE MD	HAROLD DETWEILER	Hubner H6755RCSS Brand Blend	114	8.27	2.54	63.67	7.52	43.12	69.23	3915	31279	315
SE PA/NE MD	HAROLD DETWEILER	Hubner H6624RCSS Brand Blend	112	9.58	3.08	62.76	9.01	38.6	69.85	3673	33222	296
SE PA/NE MD	HAROLD DETWEILER	Hubner H6624RCSS Brand Blend	112	10.5	1.97	61.73	6.82	45.83	67.51	3625	34321	302
SE PA/NE MD	HAROLD EISENHAEUER	Hubner H6330RCSS Brand Blend	108	7.28	3.01	58.97	8.81	34.3	68.91	3520	25362	264

REGION 3

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SC PA/MD/ DE	HARRY JOHSTON	Hubner H3806RR Brand	115	8.62	2.51	62	9.08	32.69	68.87	3368	29026	259
SE PA/NE MD	HEISTAND FARMS	Augusta 6867	117	9.82	2.98	58.21	9.2	40.63	66.45	3676	33715	282
SE PA/NE MD	HEISTAND FARMS	Hubner H4811RC2P Brand Blend	115	10.53	2.06	60.09	7.77	44.48	66.23	3556	33755	291
SE PA/NE MD	HR SHUTT-SONS	Hubner H4811RC2P Brand Blend	115	N/A	3.38	60.45	10.27	28.23	66.07	3212	N/A	243
SE PA/NE MD	IVAN NEWSWANGER	Hubner H6330RCSS Brand Blend	108	4.78	2.96	57.17	9.42	40.36	70.3	3678	17079	277
SE PA/NE MD	IVAN NEWSWANGER	Hubner H6755RCSS Brand Blend	114	6.24	2.69	59.6	8.85	44.76	71.4	3861	23158	300
SE PA/NE MD	IVAN SMUCKER	Hubner H6867RCSS Brand Blend	116	11.46	3.76	57.32	10.76	37.71	66.46	3669	41192	276
SE PA/NE MD	J. RICHARD GROFF	Hubner H4663RC2P Brand Blend	113	N/A	2.25	57.99	8.39	42.61	71.74	3524	N/A	267
SE PA/NE MD	JAMES HEGE	Hubner H6663RCSS Brand Blend	113	7.06	3.07	56.98	9.96	42.4	67.43	3608	23809	274
SC PA/MD/ DE	JAMES MARSHALL	Hubner H6764RCSS Brand Blend	114	11.95	2.7	57.55	9.85	31.66	68.14	3329	38087	245
SC PA/MD/ DE	JAMES UMBERGER	Hubner H4744RC2P Brand Blend	113	6.35	3.23	63.41	9.39	19.5	71.77	2903	18435	222
SE PA/NE MD	JAMES YOUNKER	Hubner H6257RCSS Brand Blend	104	10.05	2	60.82	7.74	44.73	66.59	3738	37569	292
SE PA/NE MD	JAMES YOUNKER	Hubner H6764RCSS Brand Blend	114	11.36	2.71	49.8	10.58	42.98	66.52	3428	38934	242
SE PA/NE MD	JAMIE HEACOCK	Hubner H6330RCSS Brand Blend	108	N/A	2.42	64.36	6.72	43.1	73.97	3769	N/A	328
SE PA/NE MD	JASON NAILOR	Hubner H6663RCSS Brand Blend	113	6.32	4.16	56.12	13.87	27.81	71.67	3033	18463	198
SE PA/NE MD	JASON ROHRER	Hubner H2890 Brand	117	7.31	3.51	58.67	10.03	39.59	71.02	3536	23558	279
SE PA/NE MD	JASON WISE	Hubner H6663RCSS Brand Blend	113	4.38	2.89	58.03	9.36	36.98	62.84	3129	12060	251
SE PA/NE MD	JAY PAUL NOLT	Hubner H6330RCSS Brand Blend	108	6.78	2.91	66.68	8.03	28.32	79.27	3658	24813	307
SC PA/MD/ DE	JEFF MILLER	Hubner H4755RC2P Brand Blend	114	9.3	2.28	56.95	7.94	44.14	64.13	3230	26262	275
SC PA/MD/ DE	JERRY WATT	Hubner H6890RCSS Brand Blend	117	7.58	2.18	61.7	7.41	39.02	66.36	3552	25145	291
SC PA/MD/ DE	JIM KEILHOLTZ	Hubner H4811RC2P Brand Blend	115	5.71	2.14	66.11	6.8	31.5	71.31	3487	19897	290
SE PA/NE MD	JOEL WISE	Hubner H6663RCSS Brand Blend	113	N/A	3.28	52.4	10.48	41.67	66.66	3317	N/A	253

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	JOHN BURKHOLDER	Hubner H6755RCSS Brand Blend	114	7.83	2.26	62.02	7.96	38.56	68.53	3556	27856	280
SE PA/NE MD	JOHN CASSEL-SONS	Hubner H08G394 Brand Blend	108	N/A	2.69	54.83	7.75	44.79	66.21	3502	N/A	292
SE PA/NE MD	JOHN DAVID HOOVER	Hubner H3624 Brand	112	11.32	1.55	58.77	6.7	48.48	67.41	3817	43210	299
SE PA/NE MD	JOHN GEESAMAR	Hubner H4744RC2P Brand Blend	113	N/A	2.62	59.59	7.46	46.02	62.49	3453	N/A	296
SE PA/NE MD	JOHN HOOVER	Hubner H6663RCSS Brand Blend	113	N/A	1.73	63.73	6.62	45.23	65.21	3780	N/A	304
SE PA/NE MD	JOHN KLINE	Hubner H6330RCSS Brand Blend	108	8.41	2.06	64.16	6.45	40.94	77.25	3759	30967	308
SE PA/NE MD	JOHN LEHMAN	Hubner H6330RCSS Brand Blend	108	5.97	2.93	62.01	8.63	32.4	70.04	3570	21079	275
SE PA/NE MD	JOHN LEHMAN	Hubner H6225RCSS Brand Blend	102	6.17	2.63	62.96	7.76	35.24	74.95	3683	21646	290
SE PA/NE MD	JOHN M BEILER	Hubner H6390RCSS Brand Blend	108	7.59	2.88	59.92	9.26	32.35	66.14	3336	25311	258
SE PA/NE MD	JOHN OBERHOLTZER	Hubner H6755RCSS Brand Blend	114	N/A	2.52	55.74	8.88	41.8	63	3440	N/A	256
SC PA/MD/ DE	JOHN SCHENNING	Hubner H6890RCSS Brand Blend	117	7.75	3.92	58.77	11.59	32.73	66.87	3568	27167	269
SC PA/MD/ DE	JOHN SCHENNING	Hubner H4755RC2P Brand Blend	114	N/A	3.4	58.32	10.12	38.72	66.65	3384	N/A	282
SC PA/MD/ DE	JOHN SCHENNING	Midatlantic MA9150	115	N/A	3.68	56.95	10.5	39.43	66.33	3637	N/A	277
SC PA/MD/ DE	JOHN SCHENNING	Pioneer P1089AMXT	110	N/A	3.33	58.08	10.01	38.21	62.35	3467	N/A	275
SE PA/NE MD	JOHN ZIMMERMAN	Hubner H6663RCSS Brand Blend	113	6.17	3.08	59.59	10.22	36.61	65.32	3380	18988	266
SE PA/NE MD	JONAS MARTIN	Hubner H6755RCSS Brand Blend	114	N/A	2.38	62.38	7.82	42.84	68.52	3603	N/A	294
SE PA/NE MD	JONATHAN HEAGY	Hubner H6663RCSS Brand Blend	113	10.88	3.71	55.86	10.5	34.96	73.4	3085	29724	240
SE PA/NE MD	JONATHAN MARTIN	Hubner H6663RCSS Brand Blend	113	9.68	2.28	57.97	8.61	44.31	65.98	3502	31159	271
SE PA/NE MD	JOSEPH CONLEY	Hubner H6744RCSS Brand Blend	113	N/A	2.88	54.71	10.12	39.3	66.18	3388	N/A	247
SE PA/NE MD	KEITH DELIG	Hubner H6187RCSS Brand Blend	97	8.65	2.31	59.82	6.76	44.65	66.69	3265	25123	287
SE PA/NE MD	KEITH MARTIN	Hubner H6755RCSS Brand Blend	114	6.17	1.85	63.74	6.04	43.47	66.87	3737	21729	307
SE PA/NE MD	KEN HEBEL	Hubner H6663RCSS Brand Blend	113	N/A	3.09	58.26	9.75	41.52	68.74	3681	N/A	279

REGION 3

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	KEN UMBA	Hubner H4890RC2P Brand Blend	117	11.39	2.19	52.67	7.81	46.55	66.01	3528	36955	274
SE PA/NE MD	KERVIN HOSTETLER	Hubner H6663RCSS Brand Blend	113	10.89	2.49	57.83	9.06	42.88	68.29	3560	38774	267
SE PA/NE MD	KEVIN BALMER	NK Enogen E095-D3	95	17.6	2.6	56.14	9.11	44.03	69.09	3779	63334	287
SE PA/NE MD	KEVIN FUNK	Hubner H4811RC2P Brand Blend	115	9.24	2.33	61.29	8.11	43.44	67.11	3475	29491	270
SE PA/NE MD	KEVIN SCHLEGEL	Seed Consultants	N/A	9.08	3.78	53.27	13	30.17	70.66	3152	28633	211
SE PA/NE MD	KEVIN SCHLEGEL	Hubner H12G624 Brand Blend	112	10.11	3.63	51.56	12.9	35.16	68.6	3370	34075	226
SE PA/NE MD	KEVIN STAHL	Hubner H6763RCSS Brand Blend	115	10.29	3.05	58.47	9.33	43.54	65.53	3386	30796	283
SE PA/NE MD	KEVIN STAHL	Hubner H4828RC2P Brand Blend	116	10.4	2.82	61.55	8.18	42.45	65.61	3470	32306	304
SE PA/NE MD	KRIS HOFFMAN	Hubner H4390RC2P Brand Blend	108	10.3	2.22	59.59	8.34	41.44	67.65	3581	36883	280
SE PA/NE MD	LAMAR HURST	Hubner H6867RCSS Brand Blend	116	9.88	3.43	54.14	10.79	37.37	67.74	3488	33534	248
SC PA/MD/ DE	LAMBERT FARMS	Hubner H4890RC2P Brand Blend	117	8.12	3.18	58.37	9.84	37.05	65.48	3672	28921	278
SE PA/NE MD	LAVERN LONG	Hubner H4099RC2P Brand Blend	92	5.18	2.3	64.95	7.66	34.57	70.66	3454	17888	280
SE PA/NE MD	LAVERN LONG	Hubner H6390RCSS Brand Blend	108	7.68	1.59	60.48	6.21	49.32	67.64	3607	24144	307
SE PA/NE MD	LAWRENCE ZIMMERMAN	Hubner H6394RCSS Brand Blend	108	5.09	2.37	61.48	8.32	38.43	66.33	3338	15186	273
SC PA/MD/ DE	LEASE BROTHERS	Hubner H4755RC2P Brand Blend	114	10.91	2.24	57.52	7.77	44.07	64.17	3307	31258	281
SE PA/NE MD	LEHMON MARTIN	Mycogen 15B15 BMR	115	5.78	2.42	60.72	8.97	36.22	69.25	3452	18950	265
SE PA/NE MD	LEHMON MARTIN	Pioneer P1272Q BMR	112	6.13	1.59	67.84	4.42	44.95	64.24	3802	21560	327
SE PA/NE MD	LEHMON MARTIN	Hubner H4663RC2P Brand Blend	113	7.53	1.6	61.12	5.86	48.69	66.09	3734	25444	308
SE PA/NE MD	LEON ZIMMERMAN	Hubner H4663RC2P Brand Blend	113	11.41	2.98	56.45	9.4	45.66	70	3753	40479	285
SE PA/NE MD	LEVI KAUFFMAN	Hubner H6755RCSS Brand Blend	114	7.65	1.96	64.54	6.64	42.02	68.48	3724	28069	304
SE PA/NE MD	LEVI STOLTZFOOS	Hubner H4359RC2P Brand Blend	107	8.54	2.8	59.99	9.25	38.29	68.26	3618	29081	279
SE PA/NE MD	LEWIS MARTIN	Hubner H08G394 Brand Blend	108	N/A	4.13	59.54	10.5	16.28	74.06	2820	N/A	246
SE PA/NE MD	LICKING CREEK FARMS	Seed Consultants SC1170	117	5.27	2.66	59.33	8.13	42.24	69.7	3728	18345	294
SE PA/NE MD	LICKING CREEK FARMS	Hubner H4744RC2P Brand Blend	113	5.31	2.89	59.34	8.94	39.27	67.53	3533	17066	283
SE PA/NE MD	LICKING CREEK FARMS	Hubner H4663RC2P Brand Blend	113	7.08	3.76	58.94	11.78	30.34	66.06	3074	19512	237
SE PA/NE MD	LINDA YOUSE	Hubner H14G153 Brand Blend	114	13.21	2.22	59.84	8.6	40.04	67.75	3653	47089	282

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	LLOYD OBERHOLTZER	Hubner H6663RCSS Brand Blend	113	N/A	2.19	58.17	7.74	41.26	70.46	3467	N/A	270
SE PA/NE MD	LOREN STONER	Hubner H4663RC2P Brand Blend	113	11.32	3.7	47.23	12.49	41	62.82	2737	26931	194
SE PA/NE MD	LORNE HOOVER	Hubner H6867RCSS Brand Blend	116	N/A	2.91	58.45	9.73	36.27	65.99	3355	N/A	250
SE PA/NE MD	LORNE HOOVER	Pioneer P1415	114	N/A	2.52	60.84	8.51	38.34	66.53	3431	N/A	270
SC PA/MD/ DE	LUKE DILLER	Hubner H4755RC2P Brand Blend	114	6.9	2.92	63.1	8.87	37.81	67.3	3831	26256	303
SC PA/MD/ DE	LYNN DILLER	Hubner H4811RC2P Brand Blend	115	6.57	3.17	60.13	9.51	38.24	65.19	3758	23882	289
SC PA/MD/ DE	LYNN DILLER	Hubner H4744RC2P Brand Blend	113	7.19	2.71	61.36	8.47	39.87	65	3825	26144	304
SE PA/NE MD	MARK HOOVER	Hubner H6663RCSS Brand Blend	113	8.3	2.58	64.14	7.58	40.46	69.19	3856	31598	312
SC PA/MD/ DE	MARK KNEPPER	Hubner H4811RC2P Brand Blend	115	7.72	1.95	70.22	6.13	37.7	68.05	3744	28915	314
SE PA/NE MD	MARK SIEGRIST	Hubner H6663RCSS Brand Blend	113	9.37	3.23	60.06	8.68	39.26	68.57	3729	32826	301
SE PA/NE MD	MARK Z NOLT	Hubner H6755RCSS Brand Blend	114	9.77	2.75	64.52	7.55	39.14	78.4	3842	35295	321
SE PA/NE MD	MARLIN HEAGY	Hubner H4563RC2P Brand Blend	111	9.2	2.86	58.15	9.35	34.35	67.64	3290	28257	259
SE PA/NE MD	MARLIN RAY MARTIN	Hubner H4811RC2P Brand Blend	115	N/A	3.43	59.21	10.48	26.76	66.08	3051	N/A	231
SE PA/NE MD	MARVIN ZIMMERMAN	Hubner H4663RC2P Brand Blend	113	5.05	2.15	61.26	6.97	46.1	68.8	3560	16406	288
SE PA/NE MD	MATT BENNETCH	Hubner H6755RCSS Brand Blend	114	6.11	3.34	59.88	10.5	34.15	69.55	3512	20970	268
SE PA/NE MD	MATTHEW HOUP	Hubner H6330RCSS Brand Blend	108	9.63	4.13	50.44	13.29	39.66	69.05	3370	32450	224
SC PA/MD/ DE	MCLUCAS FARMS	Pioneer P1283AM	112	12.36	3.05	57.68	9.9	35.41	69.97	3571	44156	266
SE PA/NE MD	MDR FARMS	Hubner H4811RC2P Brand Blend	115	8.77	3.13	58.73	9.92	35.94	67.93	3521	29629	258
SE PA/NE MD	MEADOW VALLEY DAIRY	Hubner H4099RC2P Brand Blend	92	4.98	2.16	62.51	7.65	39.46	67.12	3581	17824	275
SC PA/MD/ DE	MERHLE FLOOK INC	Hubner H6755RCSS Brand Blend	114	7.4	4.18	59.08	12.81	27.83	65.99	3296	24397	241
SE PA/NE MD	MERLE WEAVER	Hubner H6663RCSS Brand Blend	113	7.42	3.2	61.35	8.6	39.83	68.66	3808	26631	308
SE PA/NE MD	MICHEAL BRUBACKER	Hubner H6867RCSS Brand Blend	116	11.03	3.86	52.4	12.18	39.74	66.79	3446	36657	234
SC PA/MD/ DE	MIKE VIRTS	Hubner H6755RCSS Brand Blend	114	8.76	2.89	63.43	8.17	41.86	64.22	3832	31705	305
SE PA/NE MD	MILE EE FARMS	Hubner H6368RCSS Brand Blend	105	6.64	3.4	63.47	8.84	31.39	73.68	3625	23810	295
SE PA/NE MD	MOUNTAIN VIEW HOLSTE	Hubner H6624RCSS Brand Blend	112	5.64	2.94	62.6	8.81	33.17	69.99	3576	20174	287
SE PA/NE MD	MW SMITH	Hubner H6624RCSS Brand Blend	112	N/A	1.92	61.99	6.56	40.2	65.91	3669	N/A	300

REGION 3

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	NATHAN BENEDICT	Hubner H6755RCSS Brand Blend	114	6.05	2.53	65.33	6.49	38.37	77.97	3839	22806	318
SE PA/NE MD	NELSON PETRE	NK 1452-3120	114	6.73	2.38	59.9	6.48	45.27	66.59	3561	22234	290
SE PA/NE MD	NELSON PETRE	Hubner H4257RC2P Brand Blend	104	7.06	1.86	61.83	6.24	47.15	67.8	3606	22598	309
SE PA/NE MD	NEVIN WENGER	Hubner H4663RC2P Brand Blend	113	7.24	2.65	61.16	7.9	41.54	68.32	3638	24040	298
SC PA/MD/ DE	NEW DESIGN ACRES	Hubner H4890RC2P Brand Blend	117	8.04	3.57	58.84	11.32	25.85	68.26	3265	26241	243
SE PA/NE MD	NOAH Z SHIRK	Hubner H6663RCSS Brand Blend	113	11.85	3.36	50.39	9.69	50.98	65.54	3280	33713	268
SC PA/MD/ DE	NOLEN DRAIST	Hubner H4811RC2P Brand Blend	115	10.92	2.35	61.79	8.42	37.76	66.53	3499	36044	270
SE PA/NE MD	PAUL E WEAVER	Hubner H6624RCSS Brand Blend	112	8.4	2.54	58.39	7.97	46.08	67.45	3621	26962	298
SE PA/NE MD	PAUL NOLT JR	Hubner H6330RCSS Brand Blend	108	5.12	2.72	60.06	8.56	44.26	69.54	3840	19647	297
SC PA/MD/ DE	PEACE-PLENTY FARM	Hubner H4890RC2P Brand Blend	117	7.37	3.1	56.37	9.62	38.62	64.72	3692	26072	280
SC PA/MD/ DE	PEACE-PLENTY FARM	Hubner H4755RC2P Brand Blend	114	10.4	2.36	54.64	8.42	47	65.25	3218	29249	271
SE PA/NE MD	PETE KOSS	Seed Consultants	N/A	13.78	2.48	63.86	6.94	40.64	68.65	3584	43435	310
SC PA/MD/ DE	POTOMAC VIEW FARM	Hubner H6755RCSS Brand Blend	114	8.45	2.93	59.45	9.76	34.29	63.61	3320	27447	246
SE PA/NE MD	RAILWAY DAIRY	Hubner H6390RCSS Brand Blend	108	7.7	1.82	63.01	6.94	44.2	65.88	3624	25695	299
SE PA/NE MD	RANCK FAMILY FARM	Hubner H6663RCSS Brand Blend	113	9.28	2.88	58.15	9.54	37.29	69.01	3337	29063	257
SE PA/NE MD	RANDAL NOLT	Hubner H6257RCSS Brand Blend	104	6.96	2.17	64.75	7.11	40.26	67.7	3705	24782	297
SE PA/NE MD	RANDAL NOLT	Hubner H6368RCSS Brand Blend	105	7.18	2.38	59.8	7.97	40.55	64.11	3551	24135	272
SE PA/NE MD	RANDELL BROUGHER	Hubner H6624RCSS Brand Blend	112	5.62	2.56	59.11	8.69	32.91	70.66	3372	18756	258
SC PA/MD/ DE	RANDY MORGAN	Hubner H4157RC2P Brand Blend	94	9.62	3.19	66.13	9.24	26.71	60.53	3148	28740	258
SE PA/NE MD	RAY SHOWALTER	Hubner H6663RCSS Brand Blend	113	5.7	2.53	64.14	8.18	32.23	71.44	3429	19534	278
SE PA/NE MD	RAY SHOWALTER	Hubner H6890RCSS Brand Blend	117	6.07	2.35	68.04	7.63	27.69	70.09	3464	21027	296
SE PA/NE MD	RAY SHOWALTER	Hubner H3390RR Brand	108	6.37	1.97	67.4	6.37	33.99	68.09	3579	22791	300
SE PA/NE MD	RAY SHOWALTER	Hubner H6755RCSS Brand Blend	114	6.4	3	59.69	10.06	31.95	70.05	3297	21087	253
SC PA/MD/ DE	REED ENGLERT	Hubner H3806RR Brand Blend	115	11.39	2.22	64.05	8	36.56	69.94	3555	39446	287
SE PA/NE MD	REED HIGH	Hubner H6755RCSS Brand Blend	114	8.46	2.1	60.54	6.81	46.83	67.94	3515	26125	300
SE PA/NE MD	REUBEN S KING	Hubner H6390RCSS Brand Blend	108	9.54	3.29	57.04	10.15	36.08	66.63	3377	30073	254

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	RICHARD BURKHOLDER	Hubner H6867RCSS Brand Blend	116	8.79	2.87	58.31	10.54	35.19	62.98	3341	28725	245
SE PA/NE MD	RICHARD BURKHOLDER	Hubner H6624RCSS Brand Blend	112	9.83	2.26	59.61	8.37	38.63	63.58	3421	31348	266
SC PA/MD/ DE	RICHARD FARMS	Hubner H4092RC2P Brand Blend	92	12.75	3.21	58.09	9.61	38.11	67.95	3652	45978	277
SE PA/NE MD	RICKI BASHORE JR.	Hubner H6157RCSS Brand Blend	94	8.82	3.45	57.08	9.73	38.28	65.74	3684	31065	279
SE PA/NE MD	RICKI BASHORE JR.	Hubner H4359RC2P Brand Blend	107	9.16	3.43	58.44	9.94	38.26	64.43	3696	32050	285
SE PA/NE MD	RICKI BASHORE JR.	Hubner H6225RCSS Brand Blend	102	9.2	3.45	59.86	9.86	37.7	62.16	3614	31404	277
SC PA/MD/ DE	ROBERT EMERSON	Mycogen TMF114	114	7.71	2.65	62.58	9.84	34.32	68.61	3284	23825	256
SC PA/MD/ DE	ROBERT EMERSON	Hubner H4755RC2P Brand Blend	114	9.4	2.27	65.31	7.55	34.2	66.42	3473	32649	283
SC PA/MD/ DE	ROBERT MARTIN JR.	Hubner H4811RC2P Brand Blend	115	9.21	2.3	64.44	7.54	37.6	68.3	3607	33230	287
SE PA/NE MD	ROBERT SHUEY	Hubner H6755RCSS Brand Blend	114	12.2	1.72	61.19	6.09	49.13	63.61	3421	36880	311
SC PA/MD/ DE	ROBERT STAUTON	Hubner H4811RC2P Brand Blend	115	9.95	3.18	62.27	10.46	30.73	66.31	3234	32189	243
SE PA/NE MD	ROCK SOLID DAIRY	Hubner H4755RC2P Brand Blend	114	7.75	3.05	60.84	9.85	36.01	67.43	3561	26423	268
SE PA/NE MD	ROCKY SPRING FARM	Hubner H6368RCSS Brand Blend	105	4.69	3.34	58.28	10.11	32.89	66.34	3561	16446	268
SE PA/NE MD	RON SOUDER	Hubner H4358RC2P Brand Blend	103	N/A	2.11	60.01	7.68	39.88	64.58	3223	N/A	272
SE PA/NE MD	RON SOUDER	Hubner H6624RCSS Brand Blend	112	N/A	1.87	64.12	6.59	39.29	67.52	3662	N/A	305
SE PA/NE MD	RON SOUDER	Hubner H6755RCSS Brand Blend	114	N/A	2.9	58.98	10.09	32.37	67.62	3323	N/A	248
SE PA/NE MD	RON SOUDER	Hubner H4663RC2P Brand Blend	113	N/A	2.52	58.65	8.6	37.86	68.5	3405	N/A	267
SE PA/NE MD	ROUND HILL DAIRY	Hubner H6755RCSS Brand Blend	114	6.39	2.18	62.18	7.93	39.25	69.12	3570	22812	285
SE PA/NE MD	RUEBEN DERSTINE	Hubner H3124 Brand	96	5.81	2.53	64.98	8.03	37.52	70.62	3843	22328	310
SE PA/NE MD	RUSSELL GENTZ	Hubner H6624RCSS Brand Blend	112	12.72	2.28	58	7.39	49.12	68.72	3925	46347	315
SC PA/MD/ DE	RYAN RICHARDS	Hubner H4890RC2P Brand Blend	117	9.9	2.46	62.51	8.15	32.62	68.48	3401	33654	268
SC PA/MD/ DE	SAM TRESSLER	Hubner H6755RCSS Brand Blend	114	6.44	3.58	54.07	11.56	28.66	69.3	3063	19717	216
SE PA/NE MD	SAMUEL PETRE	Masters Choice MC590	116	5.84	2.68	60.42	8	43	67.73	3581	18727	293
SE PA/NE MD	SAMUEL PETRE	Hubner H4663RC2P Brand Blend	113	5.94	3.37	58.51	10.68	38.01	67.93	3436	19170	259
SC PA/MD/ DE	SCOTT MELLOTT	Hubner H6368RCSS Brand Blend	105	8.84	2.29	64.96	7.66	36.28	69.21	3527	31168	285
SE PA/NE MD	SHADY COVE FARM	Hubner H6368RCSS Brand Blend	105	7.26	2.81	65.39	7	34.7	74.71	3807	27398	314

REGION 3

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	SILVER WILLOW FARM	Hubner H2225 Brand	102	11.18	2.06	57.37	8.21	45.11	68.42	3633	40626	276
SE PA/NE MD	SIMEON HEGE	Hubner H6390RCSS Brand Blend	108	5.08	3.68	56.25	10.97	36.02	65.3	3224	14705	240
SC PA/MD/ DE	STANLEY CULP	Hubner H4755RC2P Brand Blend	114	9.46	3.25	56.13	9.86	42.59	67.45	3327	28030	275
SE PA/NE MD	STANLEY GUEST	Pioneer P0921AMXT	109	6.51	3.07	57.67	9.19	33.87	67.92	3505	22827	264
SE PA/NE MD	STANLEY GUEST	Pioneer P1283AM	112	7.87	2.96	57.38	9.15	39.69	66.81	3661	27195	282
SE PA/NE MD	STEVE BRUBAKER	Hubner H3624 Brand	112	10.68	1.89	61.19	7.28	45.76	67.9	3753	39368	294
SE PA/NE MD	STEVE BRUBAKER	Hubner H4811RC2P Brand Blend	115	10.88	2.63	61.72	8.83	34.06	68.87	3349	36431	259
SE PA/NE MD	STEVEN BEILER	Hubner H6663RCSS Brand Blend	113	9.2	3.09	62.24	8.99	37.6	73.66	3710	33276	293
SE PA/NE MD	STEVEN K STOLTZFUS	Hubner H6390RCSS Brand Blend	108	8.74	1.8	64.24	6.16	44.2	66.88	3661	29176	304
SE PA/NE MD	STONEYLAWN FARM	Hubner H6755RCSS Brand Blend	114	N/A	2.55	61.71	7.74	47.36	69.25	3818	N/A	310
SE PA/NE MD	STONEYLAWN FARM	Mycogen BMR 06B58	106	N/A	3.25	68.11	8.98	27.97	67.03	3511	N/A	291
SE PA/NE MD	SUNRISE DAIRY FARM	Hubner H6624RCSS Brand Blend	112	10.14	2.82	53.67	10.29	40.74	65.1	3375	34226	236
SE PA/NE MD	SYLVAN ESCH	Hubner H4811RC2P Brand Blend	115	7.41	2.56	63.23	8.24	35.04	66.11	3483	25802	276
SE PA/NE MD	TALVIEW DAIRY	Hubner H6755RCSS Brand Blend	114	N/A	2.24	61.01	7.85	41.52	68.52	3549	N/A	288
SE PA/NE MD	TALVIEW DAIRY	NK E108	108	N/A	2.33	61.79	8.44	38.26	67.19	3516	N/A	273
SE PA/NE MD	TERRY STAUFFER	Hubner H4744RC2P Brand Blend	113	7.85	2.84	56.32	9.6	37.91	67.3	3378	26362	250
SE PA/NE MD	TIMOTHY SHOWERS	Hubner H4755RC2P Brand Blend	115	5.8	2.96	63.71	8.85	32.65	70.54	3517	20399	278
SE PA/NE MD	TITUS EBERLY	Hubner H6124RCSS Brand Blend	96	9.3	1.94	57.76	6.26	50.1	66.93	3485	27519	301
SE PA/NE MD	TODD SCHROEDER	Hubner H6755RCSS Brand Blend	114	7.07	3.26	61.66	10.01	37.15	68.32	3663	25900	280
SE PA/NE MD	TOM HERR	Hubner H4755RC2P Brand Blend	114	11.23	2.12	57.99	7.61	46.76	64.05	3385	32900	278
SE PA/NE MD	TOM SHUEY 3	Hubner H6755RCSS Brand Blend	114	9.72	2.99	56.99	8.97	40.32	65.38	3514	30591	289
SE PA/NE MD	TOMMY YEAGER	Hubner H6744RCSS Brand Blend	113	8.65	3.25	55.25	10.31	43.65	67.54	3451	26149	278
SC PA/MD/ DE	TY-TAN DAIRY	Hubner H4099RC2P Brand Blend	92	5.22	1.93	64.41	6.43	36.82	72.64	3550	17451	288
SE PA/NE MD	TY-TAN DAIRY	Hubner H4663RC2P Brand Blend	113	6.62	3.12	59.61	9.42	41.19	66.72	3627	21693	299
SC PA/MD/ DE	WALNUT RIDGE FARM	Hubner H6755RCSS Brand Blend	114	8.64	3.22	59.53	10.62	32.21	71.03	3240	28012	247
SC PA/MD/ DE	WA-NEVA FARMS	Pioneer P0921AMXT	109	9.31	1.52	68.74	5.34	42.16	70.33	3904	34818	329

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDfD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
SE PA/NE MD	WAYLAN NOLT	Hubner H4359RC2P Brand Blend	107	8.11	2.03	61.45	8.81	34.13	70.71	3525	28574	273
SE PA/NE MD	WAYLAN NOLT	Hubner H14G153 Brand Blend	114	12.36	2.2	60.15	8.64	41.31	65.03	3660	45217	285
SE PA/NE MD	WEAVER STEINER DAIRY	Hubner H6368RCSS Brand Blend	105	7.15	2.74	57.42	8.84	39.37	65.11	3448	23368	256
SE PA/NE MD	WESLEY MARTIN	Hubner H6225RCSS Brand Blend	102	9.04	2.74	56.93	9.7	38.1	69.16	3328	28051	250
SE PA/NE MD	WILLIAM MARTIN	Hubner H4390RC2P Brand Blend	108	N/A	1.7	67.82	5.87	40.21	66.69	3627	N/A	317



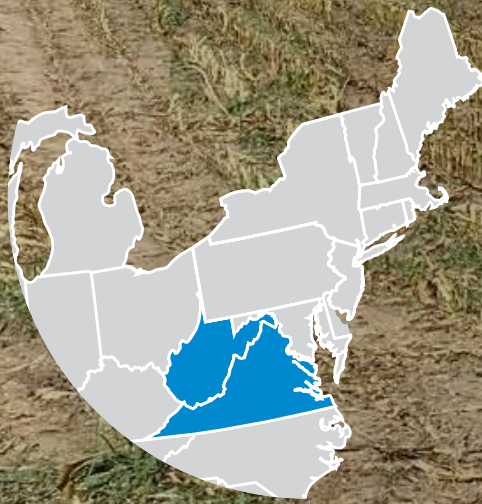
MILK MAX SILAGE RESEARCH RESULTS GROWER DATA

— REGION 4 —



REGION 4

VIRGINIA WEST VIRGINIA



RECOMMENDATIONS FOR REGION 4 MILK MAX SILAGE 4

RESEARCH RECOMMENDS
THE FOLLOWING PRODUCTS
FOR EXCEPTIONAL
NUTRITIONAL TRAITS
FOR HIGH MILK PRODUCTION:

H13G513
BRAND BLEND

H6755RCSS
BRAND BLEND

H6867RCSS
BRAND BLEND

	HUBNER SEED™ FOOTPRINT AVERAGE	REGION 4 AVERAGE
DM TONS	8.56	8.16
%STARCH	39.76%	40.31%
STARCH DIGESTIBILITY: IVSD-7	67.48%	67.4%
%NDFd30	60.84%	59.6%
%LIGNIN	2.65%	2.76%
uNDF240	8.44	8.59
MILK/TON	3,572	3,588
MILK/ACRE	28,650	27,682
BEEF/TON	284	283

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W VA/ WV	3E FARMS LLC	Hubner H6867RCSS Brand Blend	116	7.03	2.58	63.15	7.68	44.87	68.73	3972	26631	317
W VA/ WV	A PAUL ALDERMAN	Hubner H6867RCSS Brand Blend	116	6.49	2.92	58.09	9.65	38.09	62.67	3458	22429	257
W VA/ WV	ADAMS FARMS	Hubner H6890RCSS Brand Blend	117	8.17	1.84	60.27	6.33	47.75	67.12	3620	26418	304
W VA/ WV	ADAMS FARMS	Hubner H12G624 Brand Blend	112	N/A	1.53	61.86	5.09	49.92	64.49	3628	N/A	327
W VA/ WV	ADAMS FARMS	Hubner H6764RCSS Brand Blend	114	N/A	1.44	65.5	4.94	52.21	67.06	3761	N/A	335
W VA/ WV	ADAMS FARMS	Hubner H6867RCSS Brand Blend	116	N/A	2.63	63.71	7.71	44.28	69.21	3751	N/A	322
W VA/ WV	ANN CREGGER	Hubner H4811RC2P Brand Blend	115	N/A	2.1	61.89	7.64	41.79	67.76	3632	N/A	284
W VA/ WV	BENJAMIN FANNON	Hubner H3806RR Brand	115	7.23	4.1	56.37	12.88	27.72	66.22	3162	22863	219
W VA/ WV	BILLY YANCEY	Hubner H6846RCSS Brand Blend	118	10.63	2.87	56.03	8.83	41.74	66.65	3443	32492	273
W VA/ WV	BLACK LICK CATTLE	Hubner H6764RCSS Brand Blend	114	N/A	2.39	63.11	8.78	38.49	66.4	3530	N/A	273
W VA/ WV	BRANDON JONES	Hubner H4890RC2P Brand Blend	117	9.25	3.82	55.3	11.2	31.97	64.24	3361	30786	244
W VA/ WV	BRENT MARTIN	Augusta Seed A5655	115	3.81	3.42	59.92	11.01	22.13	68.02	2971	11317	223
W VA/ WV	BURCHETT FARMS	Hubner H4890RC2P Brand Blend	117	9.89	3.34	59.8	9.92	36.32	67.41	3633	35600	274
W VA/ WV	BURCHETT FARMS	Hubner H4890RC2P Brand Blend	117	10.57	3.78	56.82	11.08	34.63	67.19	3466	36275	248
W VA/ WV	BURTNER'S MILL DAIRY	Augusta Seed 5465	115	5.34	3.13	57.77	8.35	41.92	67.09	3821	20084	298
W VA/ WV	BURTNER'S MILL DAIRY	Hubner H6867RCSS Brand Blend	116	7.72	2.92	59.26	8.88	41.21	69.66	3875	28645	305
E VA	CENTERVIEW FARMS	Hubner H4563RC2P Brand Blend	111	N/A	3.21	62.6	9.97	33.47	61.45	3614	N/A	278
W VA/ WV	CHARLES GARGER	Hubner H4890RC2P Brand Blend	117	10.16	2.01	56.74	7.15	44.08	66.2	3390	30338	279
W VA/ WV	CHERRY GROVE	Hubner H6890RCSS Brand Blend	117	10.18	1.21	67.44	3.83	55.79	66.33	3772	33797	363
W VA/ WV	CONRAD LANE	Hubner H6867RCSS Brand Blend	116	5.81	3.74	58.31	10.73	37.94	63.55	3616	21007	267
W VA/ WV	CROUSE FARM	Hubner H4811RC2P Brand Blend	115	N/A	2.35	59.16	8.07	41.18	68.37	3555	N/A	275
W VA/ WV	DALE KNICELY	Hubner H6330RCSS Brand Blend	108	N/A	2.52	59.02	8.07	35.71	65.88	3164	N/A	267

REGION 4

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W VA/ WV	DALE KNICELY	Hubner H6390RCSS Brand Blend	108	N/A	2.19	61.68	7.21	39.17	69.73	3436	N/A	288
W VA/ WV	DALE KNICELY	Hubner H6624RCSS Brand Blend	112	N/A	1.99	62.04	6.62	38.17	68.85	3597	N/A	294
W VA/ WV	DALE KNICELY	Hubner H6663RCSS Brand Blend	113	N/A	2.39	62.15	7.56	34.22	69.63	3473	N/A	280
W VA/ WV	DALE KNICELY	Hubner H6755RCSS Brand Blend	114	N/A	2.54	61.82	8.48	32.79	70.08	3445	N/A	273
W VA/ WV	DALE KNICELY	Hubner H6764RCSS Brand Blend	114	N/A	2.21	60.16	7.86	40.08	65.15	3606	N/A	283
W VA/ WV	DAVID GRAY	Pioneer P1449 BMR	114	7.43	3.06	57.36	9.15	34.56	66.21	3454	24543	263
W VA/ WV	DAVID GRAY	Hubner H6867RCSS Brand Blend	116	8.37	3.41	47.35	11.54	40.66	67.02	3428	28140	234
W VA/ WV	DAVID YUTEY	Hubner H6867RCSS Brand Blend	116	N/A	2.31	53.13	8.07	42.24	64.2	3423	N/A	260
W VA/ WV	DENNIS BROWN	Hubner H6763RCSS Brand Blend	115	11.42	3	51.24	11.08	38.41	64.1	3223	34097	227
W VA/ WV	DEWITT KNICLEY	Augusta Seed 5465	115	N/A	2.93	61.2	8.64	29.04	70.57	3413	N/A	269
W VA/ WV	DEWITT KNICLEY	Hubner H6663RCSS Brand Blend	113	N/A	3.04	60.09	9.18	39.35	69.05	3720	N/A	288
W VA/ WV	DEWITT KNICLEY	Hubner H6867RCSS Brand Blend	116	N/A	2.9	61.49	9.71	32.12	70.27	3612	N/A	273
W VA/ WV	D-M FARMS	Hubner H6663RCSS Brand Blend	113	7.01	2.91	57.35	9.72	40.57	70.37	3476	22436	265
W VA/ WV	DOUG RILEY	Hubner H6846RCSS Brand Blend	118	N/A	3.67	56.2	11.32	36.37	68.33	3518	N/A	253
W VA/ WV	DRY RIVER FARM 3	Hubner H6867RCSS Brand Blend	116	N/A	3.1	56.88	9.43	36.86	73.53	3623	N/A	271
W VA/ WV	DUSTIN SIMMONS	Hubner H6755RCSS Brand Blend	114	5.55	4.12	62.21	10.69	33.11	65.47	3547	19677	267
W VA/ WV	EDWARD HORST	Hubner H3624 Brand	112	N/A	2.48	54.46	8.63	45.19	67.77	3556	N/A	260
W VA/ WV	EDWARD HORST	King Fisher KF 54C10	104	N/A	2.73	58.43	8.34	40.54	68.95	3642	N/A	278
W VA/ WV	EDWARD HORST	King Fisher KF 63C10	113	N/A	2.56	56.34	8.47	39.66	66.75	3394	N/A	256
W VA/ WV	EDWARD HORST	King Fisher KF 67C20	117	N/A	3.47	55.22	10.71	31.53	65.98	3236	N/A	236
W VA/ WV	EDWARD HORST	Masters Choice MC 5790	107	N/A	2.67	57.85	9.11	36.21	68.48	3366	N/A	258
W VA/ WV	EDWIN SEAL	Hubner H6867RCSS Brand Blend	116	N/A	3.53	62.25	10.37	34.33	71.02	3607	N/A	281

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W VA/ WV	EDWIN SEAL	Hubner H6867RCSS Brand Blend	116	N/A	2.81	56.66	8.93	42.1	69.11	3715	N/A	284
W VA/ WV	GARY WILLIAMS	Hubner H6867RCSS Brand Blend	116	N/A	2.26	61.53	7.83	42.34	68.13	3673	N/A	287
W VA/ WV	GIRGIUCH FAMILY FARM	Hubner H4890RC2P Brand Blend	117	5.95	3.56	57.81	12.29	25.58	70.63	3026	17993	220
W VA/ WV	GIRGIUCH FAMILY FARM	Hubner H6867RCSS Brand Blend	116	10.3	2.37	65.58	7.78	32.22	63.4	3360	32534	279
W VA/ WV	GLENN MATHIAS	Hubner H6867RCSS Brand Blend	116	5.25	2.49	61.49	9.01	34.92	69.89	3388	17781	262
W VA/ WV	GLENN MATHIAS	Hubner H6890RCSS Brand Blend	117	N/A	1.6	64.89	6	43.77	69.36	3804	N/A	316
W VA/ WV	GRANDVIEW DAIRY	Hubner H6663RCSS Brand Blend	113	N/A	3.07	54.09	10.37	42.21	68.84	3479	N/A	256
W VA/ WV	GREEN BROWER	Hubner H4764RC2P Brand Blend	114	N/A	3.22	55.57	10.76	40.17	68.24	3521	N/A	259
W VA/ WV	HANSON CATTLE CO	Hubner H6330RCSS Brand Blend	108	5.64	3.34	63.28	8.62	37.7	66.38	3750	21147	295
W VA/ WV	HERITAGE HILL DAIRY	Hubner H6867RCSS Brand Blend	116	N/A	2.72	62	7.81	39.16	68.07	3794	N/A	300
W VA/ WV	HOME PLACE DAIRY	Hubner H6663RCSS Brand Blend	113	N/A	2.66	56.21	9.12	45.77	66.53	3696	N/A	286
W VA/ WV	HOME PLACE DAIRY	Hubner H6764RCSS Brand Blend	114	N/A	2.6	58.6	8.56	41.68	69.83	3712	N/A	290
W VA/ WV	HOME PLACE DAIRY	Local Seed LC 1688	116	N/A	2.92	58.39	9.39	39.31	70.41	3673	N/A	286
W VA/ WV	HUBBELL FRENCH	Hubner H6846RCSS Brand Blend	118	12.04	2.57	58.03	7.63	42.75	67.73	3567	38014	297
E VA	J.R. HINTON-SONS	Hubner H4563RC2P Brand Blend	111	7.7	3.5	60.23	10.83	30.71	68.88	3403	26212	258
W VA/ WV	JACOB MANESS	Hubner H3806RR Brand	115	7.39	2.29	62.84	7.12	42.09	66.74	3740	26345	295
W VA/ WV	JASON MCDTOSH	Hubner H6390RCSS Brand Blend	108	9.57	1.86	63.82	6.71	41.12	68.21	3694	35343	297
W VA/ WV	JASON MCDTOSH	Hubner H3368RR Brand	105	13.92	1.56	53.83	4.51	59.97	62.9	3491	41829	320
W VA/ WV	JEFF DUNCAN	Hubner H6755RCSS Brand Blend	114	N/A	1.96	60.32	7.01	46.94	67.58	3774	N/A	297
W VA/ WV	JEFF JENNINGS	Hubner H6764RCSS Brand Blend	114	N/A	3.26	58.62	9.14	42.36	67.42	3684	N/A	285
W VA/ WV	JEFF PITTSBERGER	Hubner H6187RCSS Brand Blend	97	N/A	3.76	60.15	9.94	32.6	70.02	3451	N/A	262
W VA/ WV	JEFF PITTSBERGER	Hubner H6624RCSS Brand Blend	112	N/A	3.3	59.31	9.96	37.14	66.61	3613	N/A	272

REGION 4

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W VA/ WV	JEFF PITTSBERGER	Hubner H6755RCSS Brand Blend	114	N/A	3.56	59.58	10.53	36.75	67.74	3539	N/A	269
W VA/ WV	JEFF PITTSBERGER	Hubner H6846RCSS Brand Blend	118	N/A	3.91	49.07	12.57	38.57	61.46	3285	N/A	217
W VA/ WV	JERRY JOHNSON	Hubner H4890RC2P Brand Blend	117	10.5	3.52	56.61	10.82	39.61	67.93	3775	38027	284
W VA/ WV	JIM ELGIN	Hubner H6846RCSS Brand Blend	118	N/A	2.94	60.31	9.16	38.44	68.62	3576	N/A	283
W VA/ WV	JIM ELGIN	Hubner H6846RCSS Brand Blend	118	N/A	2.76	58.67	8.88	40.69	68.22	3611	N/A	282
W VA/ WV	JIM ELGIN	Hubner H6846RCSS Brand Blend	118	N/A	2.6	59.24	8.17	44.51	69.12	3675	N/A	301
W VA/ WV	JIM GEM	Hubner H6624RCSS Brand Blend	112	N/A	3.08	61.82	8.18	38.78	67.73	3784	N/A	308
W VA/ WV	JIM YUTZY	Hubner H6663RCSS Brand Blend	113	N/A	1.87	59.74	6.36	46.47	65.7	3776	N/A	298
W VA/ WV	JONATHAN MAY	Hubner H6663RCSS Brand Blend	113	N/A	1.73	61.68	5.78	51.59	65.07	3542	N/A	325
W VA/ WV	JONATHAN MAY	Hubner H6764RCSS Brand Blend	114	N/A	1.4	66.75	4.87	49.98	66.31	3720	N/A	336
W VA/ WV	JONOTHAN MAY	Hubner H6624RCSS Brand Blend	112	N/A	1.84	60.8	5.99	45.13	65.89	3579	N/A	306
W VA/ WV	JONOTHAN MAY	Hubner H6890RCSS Brand Blend	117	N/A	1.67	67.72	5.36	35.84	71.22	3682	N/A	309
W VA/ WV	JOSH MCCLAIN	Hubner H3806RR Brand	115	6.54	3.64	57.96	9.37	39.82	66.55	3643	23831	269
W VA/ WV	JR RUDD	Hubner H6867RCSS Brand Blend	116	6.28	4.09	57.53	11.41	36.68	63.34	3590	22546	265
W VA/ WV	JT KARNES	Hubner H6867RCSS Brand Blend	116	7.25	3.68	54.84	10.49	42.57	65.68	3675	26378	265
W VA/ WV	JULIAN S PRINCE	Hubner H6330RCSS Brand Blend	108	5.58	2.61	59.21	7.88	39.33	68.38	3733	20020	295
W VA/ WV	KEN SMITH	Hubner H6124RCSS Brand Blend	96	N/A	4.28	65.55	12.33	9.72	71.13	2899	N/A	224
W VA/ WV	KENNETH WENGER	Hubner H3624 Brand	112	N/A	3.35	61.99	9.07	37.81	66.41	3774	N/A	297
W VA/ WV	KENNETH WENGER	Hubner H4755RC2P Brand Blend	114	N/A	3.53	63.15	8.52	41.81	66.45	3858	N/A	316
W VA/ WV	KENNETH WENGER	Local Seed LC1688	116	N/A	3.64	61.94	9.41	33.48	67.68	3529	N/A	288
W VA/ WV	KENNETH WENGER	Seed Consultants SC1059	105	N/A	3.01	61.43	8.46	35.28	69.99	3788	N/A	304
W VA/ WV	KENNETH WILLIAMS	Hubner H4755RC2P Brand Blend	114	N/A	2.82	62.05	8.3	39.05	69.62	3739	N/A	293

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W VA/ WV	KENNY CRAIG	Hubner H6755RCSS Brand Blend	114	N/A	3.75	56.03	10.47	37.93	65.32	3346	N/A	265
W VA/ WV	KEVIN CREGGER	Hubner H6867RCSS Brand Blend	116	N/A	2.77	60.42	8.75	36.93	65.89	3526	N/A	276
W VA/ WV	LARRY GOOD	Hubner H6764RCSS Brand Blend	114	N/A	2.31	60.53	7.16	42.2	67.92	3664	N/A	286
W VA/ WV	L-C FARMS	Hubner H3806RR Brand	115	N/A	2.3	60.67	7.9	39.02	69.49	3583	N/A	279
W VA/ WV	LEE RYAN	Hubner H09G056 Brand Blend	109	6.69	1.36	64.88	5.03	48.85	68.86	3940	24534	325
W VA/ WV	LEE RYAN	Hubner H6390RCSS Brand Blend	108	13.4	1.57	63.99	5.51	47.21	66.53	3574	41208	319
W VA/ WV	LEWIS A LAMB-SONS	Hubner H6890RCSS Brand Blend	117	7.06	3.65	55.33	11.04	34.18	63.2	3286	23214	239
W VA/ WV	LEWIS A LAMB-SONS	Hubner H6663RCSS Brand Blend	113	7.61	2.91	54.39	9.71	39.95	65.13	3443	25210	250
W VA/ WV	LOWELL GARBER	Augusta Seed 2847	97	7.08	2.49	56.2	7.65	50.49	68.66	3703	23115	309
W VA/ WV	LOWELL GARBER	Hubner H08G394 Brand Blend	108	N/A	1.63	60.45	6.6	48.63	69.95	3827	N/A	303
W VA/ WV	LOWELL GARBER	Hubner H11G224 Brand Blend	111	N/A	1.72	65.91	6.49	46.44	69.9	3894	N/A	314
W VA/ WV	LOWELL GARBER	Hubner H4390RC2P Brand Blend	108	N/A	1.13	68.05	4.37	54.03	71.2	3932	N/A	344
W VA/ WV	LOWELL GARBER	Hubner H4764RC2P Brand Blend	114	N/A	1.22	66.93	4.84	51.43	68.16	4030	N/A	339
W VA/ WV	LOWELL GARBER	Hubner H4828RC2P Brand Blend	116	N/A	1.48	64.37	5.49	53.76	69.57	3891	N/A	337
W VA/ WV	LOWELL GARBER	Hubner H4846RC2P Brand Blend	118	N/A	1.94	63.49	7.48	40.89	71.81	3719	N/A	296
W VA/ WV	LOWELL GARBER	Hubner H4890RC2P Brand Blend	117	N/A	1.98	59.68	7.15	47.81	70.92	3727	N/A	293
W VA/ WV	LOWELL GARBER	Hubner H6301RCSS Brand Blend	107	N/A	2.12	60.76	7.62	45.08	72.15	3671	N/A	284
W VA/ WV	LOWELL GARBER	Hubner H6368RCSS Brand Blend	108	N/A	1.98	58.8	6.95	49.75	71.01	3725	N/A	297
W VA/ WV	LOWELL GARBER	Hubner H6394RCSS Brand Blend	108	N/A	1.29	66.14	4.88	54.23	70.92	3872	N/A	338
W VA/ WV	LOWELL GARBER	Hubner H6624RCSS Brand Blend	112	N/A	2.75	60.14	8.62	40.2	71.22	3742	N/A	289
W VA/ WV	LYUELLE KEFFER	Hubner H4744RC2P Brand Blend	113	5.84	2.83	59	9.04	40.74	65.59	3740	21812	285
W VA/ WV	MAPLE LEAF DAIRY	Hubner H6764RCSS Brand Blend	114	N/A	2.35	61.82	7.83	40.86	66.74	3668	N/A	288

REGION 4

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W VA/ WV	MAPLE LEAF DAIRY	Hubner H6867RCSS Brand Blend	116	N/A	2.59	60.05	8.22	41.48	65.32	3609	N/A	279
W VA/ WV	MARK BOLTON	Hubner H4811RC2P Brand Blend	115	N/A	2.89	60.1	7.83	42.42	66.31	3676	N/A	299
W VA/ WV	MATT GOOD	Hubner H4744RC2P Brand Blend	113	N/A	2.42	59.35	8.08	41.08	69.08	3557	N/A	279
W VA/ WV	MATTHEW HELDRETH	Hubner H6755RCSS Brand Blend	114	N/A	3.22	65.31	8.5	32.84	68.06	3625	N/A	290
W VA/ WV	MEADOW LANE	Hubner H6755RCSS Brand Blend	114	N/A	2.87	63.78	8.29	36.83	69.57	3769	N/A	305
W VA/ WV	MEADOW LANE	Pioneer P1449 BMR	114	N/A	2.85	58.46	8.07	42.01	67.47	3727	N/A	293
W VA/ WV	MEADOW VIEW DAIRY	Hubner H04G287 Brand Blend	104	10.85	1.09	71.81	3.66	53.25	62.4	3773	36250	364
W VA/ WV	MEADOW VIEW DAIRY	Hubner H6890RCSS Brand Blend	117	N/A	2.14	61	7.37	41.7	66.4	3466	N/A	292
W VA/ WV	MICHAEL BODEN	Hubner H6624RCSS Brand Blend	112	6.52	3.29	54.49	10.76	38.54	68.31	3459	21337	248
E NY	NATHAN AKER	Hubner H4062RCSS Brand Blend	86	6.34	3.56	60.59	10.68	32.5	70.36	3502	22223	262
W VA/ WV	NORLYN EBERLY	Bio-Gen 882	118	N/A	3.13	59.65	9.16	41.31	67.92	3636	N/A	287
W VA/ WV	NORLYN EBERLY	Hubner H6867RCSS Brand Blend	116	N/A	3.51	57.69	9.98	40.85	64.18	3644	N/A	271
W VA/ WV	OAKLAND FARM	Hubner H6867RCSS Brand Blend	116	N/A	3.75	53.04	11.72	35.81	66.73	3224	N/A	242
W VA/ WV	OLEN WANGER	Hubner H6867RCSS Brand Blend	116	7.5	3.17	58.8	8.37	42.74	68.31	3855	27057	312
W VA/ WV	PEAKSVIEW DAIRY	Hubner H6867RCSS Brand Blend	116	N/A	3.85	55.52	12.18	30.8	64.73	3231	N/A	227
W VA/ WV	POLKS DAIRY	Hubner H6867RCSS Brand Blend	116	5.72	2.84	62.98	8.26	38.25	67.75	3716	20850	287
W VA/ WV	POOR MANS RANCH	Hubner H6867RCSS Brand Blend	116	8.85	1.43	63.98	5.39	48.37	65.41	3928	32911	320
W VA/ WV	RAPPS DAIRY	Hubner H6867RCSS Brand Blend	116	7.21	4.03	58.58	11.42	36.02	63.56	3550	25431	262
W VA/ WV	RIVERHILL FARM	Hubner H6663RCSS Brand Blend	113	N/A	3.87	59.17	10.57	31.61	70.48	3448	N/A	262
W VA/ WV	ROBERT KOON	Hubner H6867RCSS Brand Blend	116	5.83	2.8	61.49	8.45	40.62	67.12	3795	20935	302
W VA/ WV	ROBERT KOON	Hubner H6624RCSS Brand Blend	112	7.85	3.13	58.36	9.4	41.49	66.4	3545	24741	299
W VA/ WV	ROBERT KOON	Mycogen 2098Q	N/A	N/A	2.87	57.79	8.52	43.1	63.08	3362	N/A	288

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
E VA	RONNIE FORNESTOR	Hubner H4563RC2P Brand Blend	111	6.37	4.17	57.74	12.57	26.69	64.36	3153	20083	226
W VA/ WV	ROSS SWAN	Hubner H6763RCSS Brand Blend	115	12.42	2.53	54.28	9.24	41.85	58.88	3308	36656	256
W VA/ WV	SAM WARREN	Hubner H6755RCSS Brand Blend	114	7.14	2.67	64.02	7.34	37.67	65.16	3607	25715	283
W VA/ WV	SCOTT SHOWALTER	Hubner H6624RCSS Brand Blend	112	N/A	1.88	68.13	7.09	24.49	73.44	3375	N/A	289
W VA/ WV	SETH MARTIN	Hubner H6867RCSS Brand Blend	116	11.08	1.39	64.01	5.28	49.11	65.65	3683	35079	330
W VA/ WV	SHORT MT. ORCHARD	Hubner H6624RCSS Brand Blend	112	7.46	1.67	62.6	6.16	43.51	68.03	3828	26729	316
W VA/ WV	SHORT MT. ORCHARD	Hubner H6663RCSS Brand Blend	113	N/A	2.41	52.63	9.19	38.37	66.39	3434	N/A	259
W VA/ WV	SHORT MT. ORCHARD	Hubner H6764RCSS Brand Blend	114	N/A	2.08	57.91	7.25	45.45	66.6	3410	N/A	296
W VA/ WV	SHOWALTER FARM	Hubner H6330RCSS Brand Blend	108	7.83	2.6	58.28	8.78	36.84	64.95	3348	24220	266
W VA/ WV	SHOWALTER FARM	Hubner H6867RCSS Brand Blend	116	N/A	2.4	62.46	7.88	36.05	68.83	3470	N/A	285
W VA/ WV	STEVEN HORST	Hubner H2890 Brand	117	N/A	3.79	60.29	11.12	34.35	64.14	3599	N/A	269
W VA/ WV	STEVEN HORST	Hubner H2890 Brand	117	N/A	3.53	57.49	10.13	35.85	65.1	3378	N/A	265
W VA/ WV	STEVEN HORST	Hubner H3624 Brand	112	N/A	3.62	57.78	10.33	34.65	70.33	3669	N/A	278
W VA/ WV	STEVEN HORST	Hubner H3624 Brand	112	N/A	3.08	59.16	9.01	38.88	66.48	3624	N/A	279
W VA/ WV	STONE RUN FARM	Augusta Seed A5566GT	116	N/A	4.83	49.81	14.42	17.9	69.32	2776	N/A	177
W VA/ WV	STONE RUN FARM	Hubner H6764RCSS Brand Blend	114	N/A	3.98	52.02	11.95	34.98	67.73	3396	N/A	238
W VA/ WV	STONE RUN FARM	Hubner H6867RCSS Brand Blend	116	N/A	3.68	51.29	11.38	38.75	67.54	3447	N/A	239
W VA/ WV	SUNNY MILLER	Hubner H6867RCSS Brand Blend	116	N/A	2.88	57.53	10.16	37.04	66.78	3415	N/A	257
W VA/ WV	TIMOTHY TRUMBO	Hubner H6330RCSS Brand Blend	108	6.04	2.09	63.86	7.51	39.38	71.94	3662	22118	293
W VA/ WV	WALNUT SPRINGS FARM	Hubner H6330RCSS Brand Blend	108	N/A	3.29	60.37	9.06	36.31	65.11	3657	N/A	282
W VA/ WV	WARD DAIRY	Hubner H4490RC2P Brand Blend	109	N/A	2.02	56	6.09	60.18	65.24	3788	N/A	341
W VA/ WV	WAYNE GARBER	Augusta Seed A9967	117	N/A	3.22	59.04	9.3	42.23	68.75	3628	N/A	272

REGION 4

Geographic area	Customer	Product	RM	DM Tons	Lignin	NDFD30	uNDFom240	%Starch	IVSD7-0	Milk/ton	Milk/acre	Beef/ton
W VA/ WV	WAYNE GARBER	Hubner H6867RCSS Brand Blend	116	N/A	4.45	58.94	13.51	21.13	70.15	3023	N/A	213
W VA/ WV	WAYNE MARTIN	Seed Consultant SC1117	111	6.67	3.02	55.12	9.14	44.72	68.51	3729	24860	273
W VA/ WV	WAYNE MARTIN	Hubner H6624RCSS Brand Blend	112	6.75	2.9	55.4	9.35	37.57	69.16	3514	23716	255
W VA/ WV	WAYNE MARTIN	Hubner H6321RCSS Brand Blend	109	7.34	3.02	59.5	9.3	39.04	68.99	3692	27090	282
W VA/ WV	WAYNE MARTIN	Augusta Seed A0720	111	8.51	3.64	52.26	11.78	40.78	67.65	3366	26558	230
W VA/ WV	WAYNE MARTIN	Hubner H4692RCSS Brand Blend	112	8.77	2.52	59.64	7.56	50.04	68.54	3771	29243	309
W VA/ WV	WAYNE MARTIN	Hubner H4744RC2P Brand Blend	113	9.07	2.36	56.08	6.53	51.36	66.03	3782	30400	310
W VA/ WV	WAYNE MARTIN	Hubner H6563RCSS Brand Blend	111	9.18	2.78	58.31	8.26	41.63	67.46	3746	32778	285
W VA/ WV	WAYNE MARTIN	Hubner H6394RCSS Brand Blend	108	9.31	2.44	57.71	7.63	47.94	69.05	3890	34151	308
W VA/ WV	WAYNE MARTIN	Hubner H6867RCSS Brand Blend	116	9.47	2.85	59.52	7.75	47.24	66.2	3822	33481	304
W VA/ WV	WAYNE MARTIN	Hubner H4755RC2P Brand Blend	114	9.55	2.53	61.84	6.9	53.58	66.81	3777	30703	325
W VA/ WV	WAYNE MARTIN	Hubner H6663RCSS Brand Blend	113	9.78	1.97	64.7	5.48	52.93	69.21	4133	37688	337
W VA/ WV	WAYNE MARTIN	Hubner H6225RCSS Brand Blend	102	9.94	2.78	58.53	7.38	45.55	66.8	3688	33341	296
W VA/ WV	WAYNE MARTIN	Hubner H6763RCSS Brand Blend	115	11.04	2.53	63.83	7.73	38.86	66.55	3767	39325	304
W VA/ WV	WILLIAM DAKOTA PEARC	Hubner H3806RR Brand	115	7.58	3.94	60.07	11.69	36.09	62.33	3421	24267	257
W VA/ WV	WILLIAM SHIPLEY	Hubner H4490RC2P Brand Blend	109	N/A	1.06	59.62	4.51	62.49	62.64	3698	N/A	343
W VA/ WV	WILLIS ROHOR JR.	Hubner H6867RCSS Brand Blend	116	N/A	3.52	60.84	9.18	37.49	66.6	3704	N/A	289



HUBNER SEED™
MARKET DEVELOPMENT
SILAGE PLOTS
EARLY SEASON

79-99 DAY





Cooperator: BROUGHTON DIVERSIFIED FARMING
 Trial Country: Wyoming, New York
 Trial Name: US44 L4B CS MD 879557152409523
 Report Created: Dec 1, 2020
 Trial Type: Market Development
 Planting Date: May 14, 2020
 Harvest Date: Sep 6, 2020
 Planting Rate: 32,500 Seeds/Acre
 Previous Crop: Corn-Silage
 Tillage Type: Conservation: Zone Till
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre	
	RM	Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)			Corn Sil. Milk/Ton
HUBNER H4030RC2P Brand Blend	82	24.1	67.0	33.0	35.2	2.2	62.3	7.6	40.4	68.6	0.75	3631	30569	20040
HUBNER H4062RC2P Brand Blend	86	25.7	63.0	37.0	31.2	1.7	64.5	5.4	47.6	67.4	0.74	3602	32413	23006
HUBNER H4091RC2P Brand Blend	85	26.6	65.6	34.4	35.7	2.1	60.1	7.9	42.5	66.7	0.73	3516	32746	21759
HUBNER H4094RC2P Brand Blend	84	22.2	65.2	34.8	36.3	2.0	62.5	7.2	39.6	67.7	0.72	3486	27033	18117
HUBNER H4003RC2P Brand Blend	79	26.6	63.5	36.5	36.2	2.0	63.1	7.8	40.3	64.8	0.71	3423	31872	22163
PIONEER P84070	84	21.7	66.0	34.0	40.4	2.4	62.4	8.6	35.2	67.1	0.7	3360	25509	17067
HUBNER H6038RCSS Brand Blend	89	28.6	58.1	41.9	31.8	1.7	63.8	6.5	46.1	66.7	0.68	3219	32245	25169
PIONEER P8989AMXT	89	27.5	57.7	42.3	30.1	1.6	63.7	6.0	48.8	68.0	0.68	3219	30932	24568
HUBNER H6053RCSS Brand Blend	87	26.1	57.5	42.5	32.2	2.0	60.4	7.4	47.0	66.9	0.67	3107	28385	22552

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: BROUGHTON DIVERSIFIED FARMING

Trial County: Wyoming, New York

Trial Name: US44 L4B CS MD 879557152490642

Report Created: Dec 1, 2020

Trial Type: Market Development

Planting Date: May 14, 2020

Harvest Date: Sep 10, 2020

Planting Rate: 32,500 Seeds/Acre

Previous Crop: Corn-Silage

Tillage Type: Conservation: Zone Till

Irrigation: No

Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H99G104 Brand Blend	99	29.5	63.9	36.1	33.2	2.3	65.1	7.0	42.4	68.9	0.76	3732	38590	26892
HUBNER H4201RC2P Brand Blend	99	31.1	62.6	37.4	31.8	1.4	68.1	5.3	46.5	67.7	0.74	3600	39155	27807
HUBNER H4114RC2P Brand Blend	97	31.4	61.2	38.8	31.1	2.4	62.4	7.4	45.0	68.3	0.73	3551	39010	28570
PIONEER P9998AMXT	99	27.9	64.5	35.5	40.3	3.0	63.2	9.0	37.8	69.0	0.73	3551	34642	23651
HUBNER H4099RC2P Brand Blend	92	24.2	65.6	34.4	35.8	2.0	59.4	7.9	42.6	68.7	0.73	3486	29585	19827
HUBNER H98DT06 Brand Blend	98	28.4	59.8	40.2	33.9	2.7	65.1	7.7	42.9	69.1	0.72	3448	34251	25397
HUBNER H6219RCSS Brand Blend	99	25.2	65.4	34.6	39.9	3.5	59.1	10.6	37.8	69.7	0.72	3423	30197	20221
PIONEER P9840AM	98	26.2	61.6	38.4	40.3	3.1	63.0	9.3	36.1	69.8	0.7	3368	30929	22264
HUBNER H4124RC2P Brand Blend	95	27.3	59.3	40.7	36.4	2.8	62.9	8.5	42.2	66.6	0.7	3313	31707	23625
HUBNER H6107RCSS Brand Blend	97	25.3	63.5	36.5	43.1	3.6	60.9	10.8	34.1	70.2	0.69	3282	29079	19918
PIONEER P96080	96	24.3	54.6	45.4	31.1	2.1	64.9	5.9	47.1	68.6	0.69	3268	27778	22481
HUBNER H4007RC2P Brand Blend	90	27.6	60.2	39.8	36.0	2.0	62.8	7.1	43.4	69.1	0.69	3266	31571	23436
PIONEER P92330	92	25.7	59.7	40.3	35.0	2.0	62.6	7.2	45.7	69.7	0.69	3239	29127	21801
HUBNER H6134RCSS Brand Blend	96	26.2	59.7	40.3	36.6	2.9	60.5	9.1	39.7	69.1	0.69	3235	29625	21798
HUBNER H4061RC2P Brand Blend	91	24.0	61.4	38.6	37.3	2.3	60.3	8.4	41.1	69.0	0.68	3205	26866	19584
HUBNER H6172RCSS Brand Blend	98	28.1	56.7	43.3	30.5	2.7	59.0	8.4	45.0	66.3	0.68	3181	31289	24714

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: BROUGHTON DIVERSIFIED FARMING - CONT. Trial Type: Market Development Previous Crop: Corn-Silage
 Trial County: Wyoming, New York Planting Date: May 14, 2020 Tillage Type: Conservation: Zone Till
 Trial Name: US44 L4B CS MD 879557152490642 Harvest Date: Sep 10, 2020 Irrigation: No
 Report Created: Dec 1, 2020 Planting Rate: 32,500 Seeds/Acre Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
PIONEER P9492AM	94	24.0	60.9	39.1	36.2	2.2	61.0	8.0	41.1	68.4	0.68	3176	26707	19645
PIONEER P9301AM	93	24.0	59.4	40.6	33.2	2.2	58.5	7.7	48.1	68.2	0.68	3161	26604	20405
HUBNER H3164RR Brand Blend	94	24.1	58.4	41.6	34.0	1.9	61.3	7.2	46.5	69.0	0.67	3152	26633	20485
HUBNER H6187RCSS Brand Blend	97	26.3	59.5	40.5	40.4	3.5	59.4	10.5	37.1	70.0	0.67	3141	28892	21490
HUBNER H4157RC2P Brand Blend	94	25.7	61.0	39.0	38.3	2.3	58.7	8.9	41.7	69.1	0.67	3123	28141	20655
PIONEER P9377AMXT	93	28.6	57.4	42.6	30.8	1.7	59.9	6.4	48.7	66.4	0.67	3101	31048	24715
PIONEER P9330AM	93	23.3	59.1	40.9	34.9	2.2	59.1	8.1	44.2	68.0	0.66	3084	25105	19018
HUBNER H4092RC2P Brand Blend	92	24.2	58.2	41.8	35.2	2.0	60.9	7.3	44.2	69.0	0.66	3071	26061	20200
PIONEER P9188AMXT	91	26.9	60.7	39.3	39.9	2.8	57.6	10.1	37.4	69.8	0.65	2994	28138	20299

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: DAVE FONTAINE
 Trial County: Wyoming, New York
 Trial Name: US44 L4B CS MD 879557564205313
 Report Created: Nov 10, 2020

Trial Type: Market Development
 Planting Date: May 10, 2020
 Harvest Date: Sep 9, 2020
 Planting Rate: 35,700 Seeds/Acre

Previous Crop: Soybeans
 Tillage Type: Conservation: Zone Till
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H4114RCP Brand Blend	97	23.8	65.1	34.9	33.7	1.6	64.2	6.0	45.1	65.8	0.75	3653	30491	20604
HUBNER H6134RCSS Brand Blend	96	24.6	64.6	35.5	33.8	1.6	64.3	5.9	46.3	66.1	0.75	3639	31340	21639
HUBNER H4099RC2P Brand Blend	92	19.8	69.5	30.5	36.2	2.4	60.6	8.4	40.2	65.6	0.74	3606	24984	16186
HUBNER H4061RC2P Brand Blend	91	22.8	65.3	34.7	38.9	2.5	61.2	8.7	41.2	67.6	0.72	3484	27765	18618
PIONEER P9330AM	93	19.0	64.5	35.5	33.9	2.1	60.0	7.6	44.2	67.1	0.72	3475	23098	15822
HUBNER H6172RCSS Brand Blend	98	25.5	65.5	34.5	37.7	2.3	61.7	7.7	40.1	64.8	0.72	3472	31027	20877
HUBNER H4007RC2P Brand Blend	90	22.9	64.6	35.4	35.7	2.3	59.8	8.2	43.9	67.6	0.72	3455	27734	18753
PIONEER P9492AM	94	25.6	57.6	42.4	28.3	2.1	64.7	6.5	50.4	65.1	0.71	3417	30603	24082
HUBNER H4157RC2P Brand Blend	94	28.1	60.2	39.8	31.8	1.5	63.2	5.9	49.7	64.7	0.71	3385	33283	24705
HUBNER H4092RC2P Brand Blend	92	24.2	60.7	39.3	33.9	2.0	62.8	6.8	46.2	68.2	0.69	3285	27786	20507
PIONEER P9608Q	96	23.1	60.3	39.7	35.7	1.9	62.3	7.1	43.6	63.7	0.69	3249	26219	19564
HUBNER H4124RC2P Brand Blend	95	26.0	60.0	40.0	34.6	1.9	62.0	7.1	45.7	64.1	0.69	3245	29495	22037
HUBNER H3164RR Brand Blend	94	27.8	57.8	42.2	31.7	1.6	64.2	5.8	48.0	64.8	0.68	3212	31295	24481

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: DAVE FONTAINE
 Trial Country: Wyoming, New York
 Trial Name: US44 L4B CS MD 879557564443883
 Report Created: Nov 10, 2020
 Trial Type: Market Development
 Planting Date: May 10, 2020
 Harvest Date: Sep 4, 2020
 Planting Rate: 35,700 Seeds/Acre
 Previous Crop: Soybeans
 Tillage Type: Conservation: Zone Till
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H4094RC2P Brand Blend	84	19.9	68.2	31.8	35.2	2.5	65.2	7.6	40.7	68.4	0.78	3891	27129	17825
HUBNER H4091RC2 Brand Blend	85	20.5	64.0	36.0	32.1	2.3	67.3	6.4	44.4	68.5	0.78	3857	27665	19287
HUBNER H4003RC2P Brand Blend	79	23.3	65.9	34.1	33.8	2.7	64.1	8.1	40.5	68.6	0.77	3814	31042	20808
HUBNER H4062RC2P Brand Blend	86	22.9	63.3	36.7	30.3	2.3	65.4	6.4	45.5	70.8	0.77	3794	30475	21244
HUBNER H4030RC2P Brand Blend	82	21.5	63.7	36.3	32.2	2.4	64.0	7.5	43.3	69.5	0.77	3778	28370	19530
HUBNER H6038RCSS Brand Blend	89	23.0	66.3	33.7	33.8	2.0	62.1	6.9	43.1	67.8	0.74	3619	29126	19512
PIONEER P8407OROME	84	19.9	62.7	37.3	34.9	2.7	64.0	7.8	38.9	68.8	0.73	3550	24766	17528
HUBNER H6053RCSS Brand Blend	87	22.1	59.5	40.5	28.6	2.4	63.9	7.1	47.5	68.0	0.73	3529	27289	20451
PIONEER P8989AMXT	89	21.4	60.8	39.2	28.6	1.6	62.0	6.1	48.4	67.0	0.71	3405	25542	18848
HUBNER H3090RR Brand Blend	89	24.2	60.7	39.3	33.5	2.0	61.8	7.2	45.7	68.1	0.69	3297	27887	20507

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

EARLY SEASON

Cooperator: EARL NOLT
 Trial County: Lewis , New York
 Trial Name: US44 LAW CS MD 879557259748721
 Report Created: Nov 18, 2020

Trial Type: Market Development
 Planting Date: May 16, 2020
 Harvest Date: Sep 1, 2020
 Planting Rate: 34,000 Seeds/Acre

Previous Crop: Soybeans
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H4038RC2P Brand Blend	89	27.8	68.4	31.6	32.9	2.4	62.6	7.7	40.4	70.5	0.78	3844	37445	24475
HUBNER H4091RC2P Brand Blend	85	23.7	70.3	29.8	32.0	2.7	59.1	8.1	40.5	68.7	0.77	3747	31077	20473
HUBNER H4007RC2P Brand Blend	90	27.9	68.3	31.6	34.4	2.9	59.7	8.6	39.0	70.6	0.75	3620	35363	23253
HUBNER H4061RC2P Brand Blend	91	30.6	69.3	30.7	36.6	2.7	59.5	8.8	36.3	70.7	0.75	3619	38730	25474
HUBNER H4062RC2P Brand Blend	86	30.5	68.4	31.6	33.8	3.0	58.4	9.4	40.3	70.4	0.75	3615	38646	24976
HUBNER H6124RCSS Brand Blend	96	26.3	69.1	30.9	35.8	2.8	58.7	9.1	38.3	71.3	0.75	3612	33306	21542
HUBNER H4094RC2P Brand Blend	84	24.4	70.5	29.5	34.2	3.2	58.3	9.3	38.6	69.9	0.75	3611	30800	19927
HUBNER H6134RCSS Brand Blend	96	28.3	70.8	29.2	38.1	3.0	59.2	9.9	37.3	71.5	0.74	3587	35494	23117
HUBNER H4003RC2P Brand Blend	79	26.2	67.2	32.8	33.3	3.1	55.7	10.1	40.0	69.0	0.74	3574	32731	21395
HUBNER H98DT06 Brand Blend	98	26.9	70.4	29.5	40.4	2.9	60.4	9.5	36.1	72.3	0.74	3561	33527	21996
HUBNER H4053RC2P Brand Blend	87	22.7	71.6	28.4	37.0	2.4	63.5	8.0	36.1	65.0	0.73	3559	28218	18523
HUBNER H4099RC2P Brand Blend	92	23.7	70.2	29.8	37.2	2.9	61.4	9.1	35.4	71.7	0.74	3556	29503	19383
HUBNER H4030RC2P Brand Blend	82	19.4	64.0	36.0	31.4	3.0	57.4	9.1	43.4	69.7	0.74	3537	24061	16792
HUBNER H6157RCSS Brand Blend	94	28.9	70.1	29.9	38.2	3.1	59.5	9.8	35.5	71.2	0.73	3523	35659	23201
HUBNER H4092RC2P Brand Blend	92	29.3	70.6	29.4	42.8	3.1	61.9	10.0	31.5	72.4	0.72	3452	35403	23056
PIONEER P9330AM	93	26.1	68.4	31.6	39.9	3.3	58.2	10.8	33.3	70.6	0.72	3436	31341	20505

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: GARBER AG SERVICES
Trial County: Clinton , Pennsylvania
Trial Name: US44 LZ8 CS MD 879557152511385
Report Created: Nov 10, 2020
Trial Type: Market Development
Planting Date: May 19, 2020
Harvest Date: Aug 26, 2020
Planting Rate: 35,000 Seeds/Acre
Previous Crop: Soybeans
Tillage Type: Minimum
Irrigation: No
Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H6157RCSS Brand Blend	94	16.3	65.3	34.7	36.9	2.8	67.0	7.7	36.3	71.1	0.75	3677	20940	14309
HUBNER H6219RCSS Brand Blend	99	17.3	65.9	34.1	37.3	2.8	65.0	7.9	38.1	70.6	0.75	3670	22212	14940
HUBNER H4304RC2P Brand Blend	103	16.7	67.5	32.5	36.5	2.1	67.2	6.8	38.5	70.5	0.75	3666	21466	14196
HUBNER H6134RCSS Brand Blend	96	17.7	64.3	35.7	33.2	2.2	65.9	6.8	41.3	70.6	0.75	3656	22698	15873
HUBNER H6213RCSS Brand Blend	101	17.6	66.6	33.4	35.9	2.1	66.4	6.8	39.8	70.6	0.75	3656	22542	14948
PIONEER P9608Q	96	17.1	65.0	35.0	35.3	2.2	66.8	6.8	39.3	70.1	0.75	3650	21789	14999
PIONEER P0157AMXT	101	17.2	66.2	33.8	36.5	2.5	66.3	7.3	38.6	70.9	0.75	3646	21998	14894
HUBNER H6205RCSS Brand Blend	102	17.6	68.1	31.9	37.6	2.7	65.0	7.8	35.5	71.0	0.75	3636	22368	14643
HUBNER H6358RCSS Brand Blend	103	17.8	68.7	31.3	37.2	2.2	66.6	6.8	36.8	72.1	0.75	3631	22605	15093
HUBNER H4201RC2P Brand Blend	99	19.3	63.9	36.1	36.7	2.5	67.3	7.6	38.0	71.3	0.74	3610	24415	16993
HUBNER H6187RCSS Brand Blend	97	17.2	66.1	33.9	35.3	2.6	64.5	7.5	38.3	70.9	0.74	3608	21670	14561
HUBNER H6225RCSS Brand Blend	102	17.0	65.4	34.5	36.5	2.5	66.2	7.4	39.2	72.3	0.74	3598	21367	14659
HUBNER H6124RCSS Brand Blend	96	16.8	65.4	34.6	37.5	2.7	65.8	7.8	36.8	70.8	0.73	3567	20940	14233
HUBNER H6172RCSS Brand Blend	98	16.6	66.2	33.8	37.0	2.1	65.4	7.2	36.9	69.7	0.73	3539	20617	13867
HUBNER H4114RC2P Brand Blend	97	17.7	64.8	35.2	35.3	2.0	65.4	6.6	40.9	70.1	0.73	3519	21841	15047
HUBNER H98DT06 Brand Blend	98	19.7	64.3	35.7	36.3	2.0	65.8	6.5	39.8	70.5	0.72	3471	23909	16700
HUBNER H4092RC2P Brand Blend	92	17.9	60.7	39.3	34.7	2.5	65.4	7.6	42.8	70.8	0.72	3469	21743	16025
HUBNER H6107RCSS Brand Blend	97	19.8	63.6	36.4	37.0	2.7	61.7	8.6	37.2	72.5	0.72	3439	23829	16493

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per acre), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: JAMES KINGSTON
 Trial County: Orleans, New York
 Trial Name: US44 L4B CS MD 879557926259968
 Report Created: Nov 18, 2020

Trial Type: Market Development
 Planting Date: May 16, 2020
 Harvest Date: Sep 10, 2020
 Planting Rate: 34,000 Seeds/Acre

Previous Crop: Other
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
PIONEER P9492AM	94	25.9	67.0	33.0	31.6	2.3	65.4	6.5	42.1	69.4	0.79	3907	35473	23613
HUBNER H3164RR Brand Blend	94	27.2	68.6	31.4	32.3	2.6	61.9	8.3	41.8	70.1	0.77	3808	36226	23483
HUBNER H6134RCSS Brand Blend	96	25.1	68.9	31.1	32.8	2.5	62.7	8.1	39.7	69.9	0.77	3791	33360	21722
HUBNER H6124RCSS Brand Blend	96	26.1	68.6	31.4	34.7	2.6	62.5	8.0	39.3	68.6	0.77	3762	34332	22528
HUBNER H6038RCSS Brand Blend	89	24.3	65.8	34.2	31.2	1.6	64.4	6.1	44.7	70.4	0.76	3740	31801	21364
PIONEER P9330AM	93	24.6	66.2	33.8	31.8	2.4	61.4	7.7	40.3	68.9	0.76	3713	32007	21279
HUBNER H4172RC2P Brand Blend	95	25.5	68.4	31.5	34.0	2.6	60.8	8.5	38.8	71.1	0.76	3685	32875	21629
HUBNER H6157RCSS Brand Blend	94	24.3	73.3	26.7	37.7	3.1	59.6	10.0	34.9	69.6	0.74	3558	30234	19852
HUBNER H02G225 Brand Blend	102	29.5	62.4	37.6	32.6	2.4	61.8	7.8	44.0	67.8	0.73	3542	36578	25947
HUBNER H4092RC2P Brand Blend	92	26.2	64.6	35.4	33.2	1.8	63.6	6.6	44.3	69.2	0.73	3540	32441	22217
HUBNER H98DT06 Brand Blend	98	25.6	62.5	37.5	32.3	2.6	61.0	8.4	43.2	68.7	0.73	3540	31696	22497
HUBNER H4061RC2P Brand Blend	91	27.0	66.1	33.9	34.6	1.7	64.0	6.5	40.4	68.5	0.73	3529	33332	22483
HUBNER H99G104 Brand Blend	99	27.3	64.2	35.8	34.0	2.7	60.0	8.8	40.3	68.5	0.73	3520	33597	23140
PIONEER P9998Q	99	26.6	62.9	37.1	33.4	2.9	61.8	8.6	42.5	67.2	0.73	3513	32701	22978

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: JOHN OSBORNE
Trial Country: Otsego , New York
Trial Name: US44 LAW CS MD 879557510470267
Report Created: Nov 10, 2020
Trial Type: Market Development
Planting Date: May 23, 2020
Harvest Date: Sep 11, 2020
Planting Rate: 33,500 Seeds/Acre
Previous Crop: Corn-Silage
Tillage Type: Conservation: No-Till
Irrigation: No
Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H4099RC2P Brand Blend	92	19.2	66.3	33.7	35.3	1.9	63.5	7.1	44.3	66.1	0.74	3630	24374	16279
HUBNER H4038RC2P Brand Blend	89	23.4	64.3	35.8	32.3	1.8	62.7	6.5	48.0	65.5	0.74	3618	29620	20209
HUBNER H4201RC2P Brand Blend	99	25.1	68.2	34.0	35.4	2.1	63.0	7.4	42.9	66.0	0.74	3609	31765	20951
HUBNER H4114RC2P Brand Blend	97	27.5	66.7	33.3	40.6	3.7	60.0	10.8	37.9	67.4	0.74	3561	34270	22483
HUBNER H4124RC2P Brand Blend	96	23.9	65.0	35.0	35.4	2.2	61.5	7.7	44.3	64.5	0.73	3528	29540	19931
HUBNER H6107RCSS Brand Blend	97	22.8	69.2	30.8	39.1	2.7	60.6	9.4	39.3	65.8	0.73	3528	28148	18288
HUBNER H4062RC2P Brand Blend	86	26.3	61.4	38.6	30.3	1.5	63.4	5.6	48.0	64.5	0.73	3508	32340	23570
HUBNER H4046RC2P Brand Blend	88	25.3	64.4	35.6	36.7	1.9	63.7	7.0	45.4	66.8	0.72	3501	31032	21490
HUBNER H4094RC2P Brand Blend	84	25.0	61.9	38.1	31.4	1.5	64.0	5.9	48.0	64.6	0.72	3496	30534	21945
HUBNER H4091RC2P Brand Blend	85	26.7	60.8	39.2	29.8	1.6	62.8	6.0	48.0	64.1	0.72	3479	32563	23930
HUBNER H4003RC2P Brand Blend	79	26.8	59.0	41.0	31.0	1.4	66.1	5.5	48.0	63.3	0.71	3407	31981	24412
HUBNER H4053RC2P Brand Blend	87	22.8	59.9	40.1	30.3	1.6	62.3	5.9	48.0	63.8	0.71	3384	27015	20058
HUBNER H4157RC2P Brand Blend	94	22.2	64.5	35.5	42.9	3.9	60.6	11.7	35.7	67.7	0.71	3375	26230	17814
HUBNER H4187RC2P Brand Blend	97	26.8	63.7	36.3	38.4	2.6	60.2	8.7	40.5	65.5	0.7	3331	31276	21522
PIONEER P9330AM	93	19.9	63.2	36.8	37.3	2.5	56.0	9.4	45.0	65.4	0.69	3245	22609	15663
HUBNER H4061RC2P Brand Blend	91	20.6	63.8	36.2	39.7	2.8	56.4	9.9	43.0	65.2	0.69	3220	23186	15870
HUBNER H4007RC2P Brand Blend	90	25.4	59.5	40.5	31.7	1.9	59.3	7.3	51.5	64.6	0.68	3202	28441	21534
HUBNER H4030RC2P Brand Blend	82	20.5	57.5	42.5	32.1	1.8	61.6	6.8	48.7	64.3	0.67	3132	22504	17736

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: PSU AGRONOMY

Trial County: Bradford, Pennsylvania

Trial Name: US44 LZ8 CS MD 879557874555823

Report Created: Nov 10, 2020

Trial Type: Market Development

Planting Date: May 25, 2020

Harvest Date: Sep 14, 2020

Planting Rate: 34,000 Seeds/Acre

Previous Crop: Corn-Silage

Tillage Type: Conventional

Irrigation: No

Row Width: 30 Inches

Product	Harvest Information			Energy From Fiber				Energy From Starch						
	RM	Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6134RCSS Brand Blend	96	25.1	59.2	40.8	28.7	2.0	61.3	7.2	44.2	70.9	0.72	3483	30557	22816
HUBNER H6157RCSS Brand Blend	94	23.9	59.4	40.6	28.1	2.3	59.4	7.4	44.1	69.1	0.72	3430	28647	21352
HUBNER H6172RCSS Brand Blend	98	22.8	61.5	38.5	33.2	2.6	56.1	8.9	39.6	69.8	0.71	3359	26766	19318

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: RD CROWELL
 Trial County: Chautauqua, New York
 Trial Name: US44 L4B CS MD 879557338378769
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: May 21, 2020
 Harvest Date: Sep 4, 2020
 Planting Rate: 36,000 Seeds/Acre
 Previous Crop: Corn-Silage
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
	RM	Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H4094RC2P Brand Blend	84	22.8	69.2	30.8	37.2	2.8	62.9	8.2	37.5	70.3	0.77	3774	30120	19701
HUBNER H4091RC2P Brand Blend	85	22.1	69.1	30.9	37.0	3.1	61.3	9.5	37.7	69.5	0.76	3744	28990	18772
PIONEER P8407AM	84	20.0	66.2	33.8	35.4	2.7	63.0	8.4	40.8	68.4	0.76	3743	26201	17588
HUBNER H6038RCSS Brand Blend	89	27.9	67.3	32.7	38.7	3.0	62.6	9.0	36.9	66.9	0.76	3697	36132	23695
PIONEER P8542AMXT	85	20.2	68.3	31.7	39.2	3.0	62.9	9.3	35.3	69.7	0.75	3660	25843	16808
HUBNER H4030RC2P Brand Blend	82	16.9	68.5	31.5	37.1	3.2	58.2	10.0	38.0	69.0	0.75	3632	21436	13788
HUBNER H4003RC2P Brand Blend	79	21.1	62.9	37.1	34.7	2.8	63.4	8.7	41.7	67.9	0.74	3611	26649	18868
PIONEER P8581R	85	23.3	64.0	36.0	36.3	2.9	61.1	8.8	41.0	69.3	0.74	3602	29421	20162
HUBNER H6053RCSS Brand Blend	87	25.8	65.1	34.9	34.5	2.2	61.5	7.7	43.4	66.9	0.74	3559	32182	21922
HUBNER H3090RR Brand Blend	89	26.1	65.2	34.8	36.2	2.1	60.7	7.7	42.2	68.8	0.73	3519	32152	21749
HUBNER H4062RC2P Brand Blend	86	26.9	64.8	35.2	34.4	2.0	59.0	7.6	43.8	66.6	0.72	3470	32611	21956
PIONEER P8989AMXT	89	21.3	65.9	34.1	36.8	2.3	58.2	8.4	41.2	66.8	0.72	3421	25530	17106

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: RD CROWELL
 Trial County: Chautauqua, New York
 Trial Name: US44L4BCSMD879557338378874
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: May 21, 2020
 Harvest Date: Sep 17, 2020
 Planting Rate: 36,000 Seeds/Acre
 Previous Crop: Corn-Silage
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	RMI	Harvest Information					Energy From Fiber					Energy From Starch				
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre		
HUBNER H4061RC2P Brand Blend	91	24.9	65.8	34.2	34.7	2.1	62.0	7.5	42.9	69.4	0.74	3574	31173	20762		
HUBNER H98DT06 Brand Blend	98	28.9	60.4	39.6	30.3	2.6	62.8	7.4	49.2	67.1	0.73	3547	35838	26722		
HUBNER H6134RCSS Brand Blend	96	26.1	65.3	34.7	34.2	2.0	59.4	7.9	44.8	65.6	0.73	3503	31979	21730		
PIONEER P9998AMXT	99	25.9	65.3	34.8	35.5	2.3	59.7	8.2	44.2	65.8	0.73	3480	31546	21178		
HUBNER H6107RCSS Brand Blend	97	24.5	66.3	33.7	38.4	2.4	61.3	8.9	40.6	65.9	0.72	3468	29763	19672		
HUBNER H4007RC2P Brand Blend	90	27.0	65.1	34.9	36.9	2.3	58.8	8.4	41.7	70.3	0.72	3425	32390	21677		
PIONEER P96080	96	27.4	61.1	38.9	31.5	1.5	62.5	6.1	46.0	65.0	0.71	3425	32898	24134		
PIONEER P9492AM	94	28.3	61.2	38.8	34.1	1.7	65.4	6.4	45.0	67.1	0.71	3407	33720	24868		
PIONEER P9188AMXT	91	26.2	65.2	34.8	36.8	2.5	58.3	8.7	40.3	70.8	0.71	3379	30927	20979		
HUBNER H6157RCSS Brand Blend	94	26.4	62.0	38.0	32.7	1.8	60.8	7.1	47.0	66.6	0.71	3368	31109	22393		
HUBNER H4201RC2P Brand Blend	99	26.0	60.6	39.4	31.8	1.8	59.4	6.8	48.0	65.2	0.7	3282	29900	22087		
HUBNER H4114RC2P Brand Blend	97	28.0	60.3	39.7	33.7	1.7	62.3	6.4	46.2	65.2	0.69	3276	32122	23772		
PIONEER P9377AMXT	93	25.4	61.5	38.5	35.1	2.1	60.0	7.8	43.8	67.9	0.69	3255	28970	20793		
PIONEER P92330	92	24.6	62.4	37.6	36.9	2.3	59.5	8.1	41.3	67.8	0.69	3236	27856	19731		
HUBNER H6187RCSS Brand Blend	97	26.9	60.6	39.4	32.7	2.1	56.9	8.2	47.2	64.0	0.69	3216	30294	22422		
HUBNER H6124RCSS Brand Blend	96	27.1	62.2	37.8	38.0	2.3	59.3	8.6	39.7	68.6	0.68	3208	30434	21745		
HUBNER H4092RC2P Brand Blend	92	25.7	61.0	39.0	40.5	2.5	61.2	8.8	39.9	67.2	0.68	3188	28727	20655		
PIONEER P9840AM	98	23.8	58.1	41.9	30.4	1.8	60.1	6.7	47.4	63.5	0.68	3158	26343	20591		
HUBNER H99G104 Brand Blend	99	29.0	58.8	41.2	30.7	1.8	58.3	6.8	49.9	64.4	0.67	3141	31915	24634		
HUBNER H6172RCSS Brand Blend	98	27.0	59.0	41.0	33.5	2.1	56.9	7.8	47.4	64.8	0.67	3109	29409	22516		
PIONEER P9330AM	93	25.0	60.1	39.9	37.5	2.5	57.5	9.3	41.8	66.3	0.66	3076	26891	20038		
HUBNER H4099RC2P Brand Blend	92	23.9	58.0	42.0	34.8	1.9	59.5	7.6	47.3	66.9	0.66	3053	25516	19894		
HUBNER H43164RR Brand Blend	94	27.2	55.7	44.3	31.1	1.7	61.7	6.2	50.5	68.4	0.65	2998	28569	23943		

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: RYAN PLOETZ
 Trial Country: Erie, New York
 Trial Name: US44 L4B CS MD 879557152409893
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: May 13, 2020
 Harvest Date: Sep 9, 2020
 Planting Rate: 30,300 Seeds/Acre
 Previous Crop: Alfalfa
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNERH4007RC2P Brand Blend	90	26.9	67.2	32.8	35.6	2.1	61.2	7.5	40.2	69.5	0.74	3600	33880	21987
HUBNERH4099RC2P Brand Blend	92	26.0	67.4	32.6	36.7	2.0	61.7	7.5	40.5	69.6	0.74	3591	32676	21259
HUBNERH4092RC2P Brand Blend	92	25.7	69.1	30.9	38.5	2.2	62.2	8.1	38.2	67.7	0.73	3543	31829	20592
HUBNERH4061RC2P Brand Blend	91	25.8	67.2	32.8	38.4	2.4	60.5	8.7	38.8	68.7	0.73	3536	31881	20667
HUBNERH4157RC2P Brand Blend	94	29.8	65.9	34.0	36.0	2.1	60.4	7.8	42.3	69.1	0.73	3497	36515	24395
HUBNERH3164RR Brand Blend	94	32.1	65.1	34.9	35.4	2.3	58.4	8.2	43.1	70.5	0.72	3424	38505	26272
HUBNERH4124RC2P Brand Blend	96	26.8	62.7	37.3	33.2	1.9	62.1	6.8	44.6	67.5	0.71	3416	32004	22714
HUBNERH6134RCSS Brand Blend	96	28.9	61.6	38.4	31.9	1.6	63.3	6.0	46.1	66.9	0.71	3409	34427	24929
HUBNERH6172RCSS Brand Blend	98	29.5	63.0	37.0	35.1	2.2	59.7	7.9	43.7	67.8	0.71	3353	34605	24566
HUBNERH4114RC2P Brand Blend	97	31.9	59.4	40.6	31.8	1.5	63.6	6.0	46.9	67.1	0.69	3286	36698	28060
HUBNERH6187RCSS Brand Blend	97	29.4	59.7	40.3	32.3	2.0	61.7	6.8	44.5	68.9	0.69	3233	33218	24910
HUBNERH6107RCSS Brand Blend	97	31.7	61.9	38.1	38.4	2.3	62.0	8.4	38.4	69.8	0.68	3199	35472	25417

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: RYAN PLOETZ 79-89

Trial County: Erie, New York

Trial Name: US44 L4B CS MD 879557152492450

Report Created: Dec 2, 2020

Trial Type: Market Development

Planting Date: May 13, 2020

Harvest Date: Aug 31, 2020

Planting Rate: 30,300 Seeds/Acre

Previous Crop: Alfalfa

Tillage Type: Conventional

Irrigation: No

Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H4091RC2P Brand Blend	85	20.3	69.8	30.2	35.3	2.8	61.7	8.5	38.9	70.1	0.77	3799	26994	17540
HUBNER H4094RC2P Brand Blend	84	21.9	69.4	30.5	33.3	1.8	64.0	6.4	43.0	69.5	0.77	3786	29020	18921
HUBNER H3090RR Brand Blend	89	26.2	68.9	31.1	32.5	1.7	61.8	6.6	42.2	67.5	0.76	3710	34026	22235
HUBNER H4003RC2P Brand Blend	79	23.0	65.1	35.0	34.0	1.8	66.4	6.4	42.7	67.8	0.75	3685	29622	20197
HUBNER H4062RC2P Brand Blend	86	24.5	66.9	33.1	33.8	1.8	63.8	6.6	41.0	68.2	0.75	3639	31210	20793
HUBNER H4030RC2P Brand Blend	82	23.3	66.5	33.5	35.6	2.1	61.1	7.7	38.6	68.8	0.74	3553	28933	19025
HUBNER H6053RCSS Brand Blend	87	22.4	68.2	31.8	35.9	2.4	59.9	8.4	37.6	67.6	0.73	3523	27681	18010
HUBNER H6038RCSS Brand Blend	89	25.5	65.0	35.0	34.4	1.7	62.4	6.4	39.8	67.5	0.73	3513	31331	21229

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

EARLY SEASON

Cooperator: STEVE GERBER
 Trial County: Wayne, Ohio
 Trial Name: US44 LYA CS MD 879557655608023
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: Jun 1, 2020
 Harvest Date: Sep 22, 2020
 Planting Rate: 35,600 Seeds/Acre
 Previous Crop: Soybeans
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information			Energy From Fiber				Energy From Starch						
	RM	Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6107RCSS Brand Blend	97	17.5	69.2	30.8	39.0	2.2	63.0	8.3	33.8	73.7	0.72	3450	21146	13779
HUBNER H6134RCSS Brand Blend	96	23.6	59.8	40.2	32.4	1.3	66.7	5.9	45.3	70.4	0.7	3375	27855	20737
HUBNER H4114RC2P Brand Blend	97	27.9	58.7	41.3	32.0	1.6	64.3	6.6	44.8	70.8	0.69	3260	31858	24123
HUBNER H6053RCSS Brand Blend	87	24.8	58.5	41.5	31.6	1.7	62.9	6.8	40.1	69.7	0.68	3221	27929	21022

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: WENDEL'S FARM

Trial County: Erie, New York

Trial Name: US44 L4B CS MD 879557152492357

Report Created: Dec 2, 2020

Trial Type: Market Development

Planting Date: May 13, 2020

Harvest Date: Sep 4, 2020

Planting Rate: 32,000 Seeds/Acre

Previous Crop: Other

Tillage Type: Conventional

Irrigation: No

Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Stlage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H3090RR Brand Blend	89	22.7	63.8	36.2	28.0	2.0	62.1	7.0	48.0	70.1	0.78	3822	30315	20978
HUBNER H4062RC2P Brand Blend	86	24.5	66.4	33.6	31.5	1.5	64.1	5.6	47.4	68.4	0.77	3812	32686	21544
HUBNER H4003RC2P Brand Blend	79	22.0	67.3	32.7	34.2	1.5	66.7	5.8	43.5	69.5	0.77	3809	29276	18973
HUBNER H4091RC2P Brand Blend	85	20.8	67.4	32.6	33.7	1.8	61.6	6.9	45.3	69.0	0.76	3742	27190	17616
HUBNER H4094RC2P Brand Blend	84	21.7	69.7	30.3	35.1	1.8	63.4	6.4	43.6	70.3	0.76	3741	28413	18413
HUBNER H6038RCSS Brand Blend	89	22.9	66.5	33.5	34.3	3.0	61.1	9.7	40.6	70.7	0.76	3724	29793	19749
HUBNER H4007RC2P Brand Blend	90	22.4	64.9	35.1	34.9	2.8	61.5	8.7	42.7	71.1	0.75	3655	28629	19335
HUBNER H4030RC2P Brand Blend	82	19.5	64.9	35.0	36.8	3.1	59.9	9.7	41.7	71.2	0.75	3631	24836	16583
HUBNER H4099RC2P Brand Blend	92	22.5	67.1	32.9	35.7	2.2	61.2	7.7	44.8	68.8	0.74	3613	28430	18384
PIONEER P8407Q	84	19.6	66.2	33.8	34.5	2.0	60.6	7.5	43.3	68.8	0.74	3566	24489	16044
HUBNER H4092RC2P Brand Blend	92	24.8	64.8	35.2	34.6	1.9	62.2	6.9	46.2	70.3	0.73	3517	30551	20677
HUBNER H4061RC2P Brand Blend	91	21.8	64.5	35.5	36.2	1.9	62.6	7.3	44.5	70.6	0.72	3475	26553	18188
HUBNER H6053RCSS Brand Blend	87	24.9	62.3	37.7	35.5	2.7	59.1	8.6	40.8	68.2	0.72	3462	30141	21107
PIONEER P9233Q	92	21.8	60.9	39.1	36.6	2.5	60.2	8.5	43.3	67.6	0.67	3134	23920	17494

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of dry matter. NEL is neutral detergent fiber digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Stlage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre) and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: WILEAN FARMS
 County: Cattaraugus, New York
 Trial Name: US44 L4B CS MD 879557316664763
 Report Created: Dec 2, 2020
 Trial Type: Market Development
 Planting Date: May 26, 2020
 Harvest Date: Sep 16, 2020
 Planting Rate: 32,000 Seeds/Acre
 Previous Crop: Corn-Grain
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
PIONEER P9492AM	94	25.6	64.8	35.2	34.3	1.8	65.7	6.5	44.9	67.1	0.74	3636	32585	22122
HUBNER H6157RCSS Brand Blend	94	28.7	65.5	34.5	36.2	2.1	60.9	8.1	42.8	67.4	0.73	3498	35086	23433
HUBNER H6134RCSS Brand Blend	96	29.5	64.5	35.5	35.1	2.0	60.8	7.7	42.2	66.4	0.72	3435	35433	24099
HUBNER H4061RC2P Brand Blend	91	28.6	66.5	33.5	37.9	2.4	58.9	9.1	39.0	66.1	0.72	3413	34111	22468
PIONEER P9233Q	92	28.9	65.3	34.8	36.0	2.3	59.1	8.2	41.6	66.3	0.71	3402	34370	23158
PIONEER P9608Q	96	24.5	65.8	34.2	39.2	2.3	61.7	8.3	38.2	67.1	0.71	3401	29184	19669
HUBNER H6172RCSS Brand Blend	98	27.5	63.9	36.1	37.2	2.4	61.1	8.7	40.4	63.2	0.71	3379	32549	22505
HUBNER H3164RR Brand Blend	94	29.4	63.1	36.9	36.0	2.1	59.8	8.0	43.5	66.6	0.7	3316	34112	24033
PIONEER P9330AM	93	25.8	59.6	40.4	32.2	1.8	59.4	7.3	47.8	63.6	0.69	3219	29026	21861

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (Tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre) and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: WILEAN FARMS

Trial Type: Market Development

Previous Crop: Corn-Grain

Trial County: Cattaraugus , New York

Planting Date: May 26, 2020

Tillage Type: Conventional

Trial Name: US44 L4B CS MD 879557152492547

Harvest Date: Sep 9, 2020

Irrigation: No

Report Created: Dec 2, 2020

Planting Rate: 32,000 Seeds/Acre

Row Width: 30 Inches

Product	Harvest Information					Energy From Fiber				Energy From Starch				
	RM	Stlage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6053RCSS Brand Blend	87	28.5	65.7	34.3	31.7	2.6	63.5	7.5	44.4	69.2	0.77	3824	38133	25495
HUBNER H4094RC2P Brand Blend	84	26.4	66.9	33.1	32.9	2.6	60.6	7.8	42.6	68.1	0.77	3805	35133	23199
HUBNER H6038RCSS Brand Blend	89	26.1	67.3	32.8	35.9	3.1	62.0	9.4	39.1	68.7	0.76	3728	34037	22538
HUBNER H4062RC2P Brand Blend	86	27.3	61.9	38.1	32.2	2.5	64.6	7.2	45.3	70.1	0.74	3603	34452	24868
HUBNER H4003RC2P Brand Blend	79	27.4	68.4	31.6	36.2	2.3	61.6	8.0	39.4	68.2	0.74	3602	34485	22367
PIONEER P8989AMXT	89	25.8	62.8	37.2	31.7	2.6	61.7	7.9	45.3	66.3	0.74	3599	32526	23105
PIONEER P8407Q	84	25.8	63.5	36.5	32.1	2.9	60.4	8.4	43.1	69.0	0.74	3563	32121	22254
HUBNER H4091RC2P Brand Blend	85	24.0	61.6	38.4	32.3	2.6	61.0	7.9	44.3	69.4	0.73	3492	29342	21112
HUBNER H4030RC2P Brand Blend	82	23.9	61.2	38.8	36.2	3.1	61.2	9.1	40.0	69.1	0.72	3427	28626	20619

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

EARLY SEASON

Cooperator: WILLARD FARMS
 Trial Country: Livingston, New York
 Trial Name: US44 L4B CS MD 879557338379040
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: May 14, 2020
 Harvest Date: Aug 26, 2020
 Planting Rate: 33,500 Seeds/Acre
 Previous Crop: Corn-Grain
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H4007RC2P Brand Blend	90	25.0	64.0	36.0	30.5	2.5	62.1	7.7	44.0	69.9	0.76	3706	32403	22354
PIONEER P9998Q	99	19.8	63.0	37.0	32.1	2.6	65.6	7.8	42.5	69.7	0.75	3695	25598	18017
HUBNER H4061RC2P Brand Blend	91	24.3	65.5	34.5	35.4	2.8	62.4	9.0	38.2	70.2	0.75	3661	31160	21010
PIONEER P9608Q	96	20.8	62.7	37.3	33.8	2.8	64.1	8.1	41.0	69.1	0.74	3594	26196	18635
HUBNER H6134RCSS Brand Blend	96	28.2	61.6	38.4	33.6	2.9	65.7	8.5	41.6	70.4	0.73	3531	34821	25213
HUBNER H6172RCSS Brand Blend	98	20.1	62.4	37.6	32.4	2.6	62.9	7.9	39.8	69.4	0.73	3528	24824	17679
HUBNER H4099RC2P Brand Blend	92	23.8	61.2	38.8	30.1	1.4	65.5	4.7	46.0	68.9	0.72	3509	29250	21312
HUBNER H4157RC2P Brand Blend	94	22.9	59.8	40.2	32.5	2.6	65.5	7.2	43.2	69.5	0.72	3500	28004	20809
PIONEER P9188AMXT	91	25.5	64.5	35.5	32.6	1.9	60.9	7.0	43.6	69.6	0.72	3477	31005	21226
HUBNER H6107RCSS Brand Blend	97	19.0	65.2	34.8	36.5	1.9	63.8	7.1	37.9	70.4	0.72	3441	22905	15551
HUBNER H3164RR Brand Blend	94	25.6	60.6	39.4	30.1	1.4	64.1	5.0	47.0	68.0	0.71	3435	30747	22885
HUBNER H99G104 Brand Blend	99	22.0	63.5	36.5	34.2	1.9	63.4	7.1	41.6	69.5	0.71	3434	26457	18679
HUBNER H6187RCSS Brand Blend	97	19.4	62.1	37.9	32.8	1.7	63.2	5.5	44.4	70.2	0.71	3415	23178	16754
HUBNER H4201RC2P Brand Blend	99	20.1	63.3	36.8	38.2	2.0	64.9	7.0	37.3	69.4	0.7	3335	23430	16413
PIONEER P9492AM	94	23.6	60.8	39.2	34.8	1.8	64.2	6.5	44.4	63.3	0.7	3326	27492	20404
HUBNER H4092RC2P Brand Blend	92	26.9	60.7	39.3	33.2	1.8	62.9	6.6	44.3	67.4	0.7	3316	31180	22797
HUBNER H98DT06 Brand Blend	98	22.7	63.1	36.9	37.5	2.1	62.8	7.3	38.6	69.0	0.69	3299	26159	18175
HUBNER H4124RC2P Brand Blend	96	21.8	60.0	40.0	38.9	3.2	64.4	9.7	34.6	70.3	0.69	3298	25206	18529
HUBNER H4114RC2P Brand Blend	97	21.6	59.7	40.3	33.0	1.7	62.1	6.5	45.7	68.0	0.68	3216	24290	18311
PIONEER P9233Q	92	23.1	57.7	42.3	31.6	1.8	64.1	6.3	46.1	68.4	0.67	3175	25674	20317
PIONEER P9330AM	93	21.6	57.8	42.2	32.7	1.6	64.7	5.7	45.4	68.6	0.67	3165	23960	18687

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: WILLARD FARMS

Trial County: Livingston , New York

Trial Name: US44 L4B CS MD 879557564468360

Report Created: Nov 10, 2020

Trial Type: Market Development

Planting Date: May 14, 2020

Harvest Date: Aug 26, 2020

Planting Rate: 33,500 Seeds/Acre

Previous Crop: Corn-Grain

Tillage Type: Conventional

Irrigation: No

Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6053RCSS Brand Blend	87	25.4	64.6	35.4	31.5	1.7	64.7	6.0	44.4	68.1	0.74	3635	32305	22329
HUBNER H4091RC2P Brand Blend	85	24.3	65.6	34.4	30.9	1.8	62.3	6.0	43.8	68.0	0.74	3612	30717	20617
HUBNER H4062RC2P Brand Blend	86	25.9	62.7	37.3	28.6	1.4	62.9	5.3	45.8	67.2	0.74	3563	32269	22756
HUBNER H6038RCSS Brand Blend	89	24.7	62.6	37.4	32.5	1.7	63.8	6.1	43.6	68.5	0.72	3475	30021	21326
PIONEER P9989AMXT	89	23.7	60.8	39.2	32.5	1.8	61.7	6.4	44.5	66.9	0.7	3302	27343	20076

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

EARLY SEASON



HUBNER SEED™
MARKET DEVELOPMENT
SILAGE PLOTS
MID SEASON

100-109 DAY





Cooperator: BROUGHTON DIVERSIFIED FARMING
 Trial County: Wyoming, New York
 Trial Name: US44 L4B CS MD 879557152492269
 Report Created: Dec 1, 2020

Trial Type: Market Development
 Planting Date: May 14, 2020
 Harvest Date: Sep 15, 2020
 Planting Rate: 32,500 Seeds/Acre

Previous Crop: Corn-Silage
 Tillage Type: Conservation: Zone Till
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6225RCSS Brand Blend	102	27.9	64.9	35.1	33.7	1.8	63.8	6.4	45.8	67.3	0.74	3625	35442	24134
PIONEER P0157AMXT	101	26.8	65.9	34.1	37.2	1.9	64.2	6.9	41.9	66.7	0.73	3570	33463	22312
HUBNER H4358RC2P Brand Blend	103	27.8	64.6	35.4	35.8	1.7	64.6	6.5	44.0	66.4	0.73	3562	34690	23611
HUBNER H6287RCSS Brand Blend	104	28.2	64.6	35.4	36.8	1.9	64.9	6.7	43.1	65.7	0.73	3548	35035	23940
HUBNER H6213RCSS Brand Blend	101	26.5	66.3	33.7	36.3	2.3	60.8	8.0	42.0	65.8	0.73	3510	32525	21648
HUBNER H4257RC2P Brand Blend	104	26.1	66.7	33.3	39.4	2.3	62.2	8.0	38.3	67.0	0.73	3504	32045	20963
HUBNER H6325RCSS Brand Blend	106	25.8	65.1	34.9	38.2	2.2	61.6	8.1	41.8	65.7	0.72	3474	31377	21101
HUBNER H6205RCSS Brand Blend	102	28.7	61.2	38.8	34.4	1.9	62.8	6.9	45.8	69.3	0.7	3322	33401	24376
HUBNER H6301RCSS Brand Blend	107	30.5	61.2	38.8	37.2	1.9	62.5	7.2	44.5	67.0	0.69	3269	34900	25412

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

MID SEASON

Cooperator: CREEK ACRES FARM
 Trial Country: Montgomery, New York
 Trial Name: US44 LAW CS MD 879557510050710
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: May 14, 2020
 Harvest Date: Aug 25, 2020
 Planting Rate: 37,000 Seeds/Acre
 Previous Crop: Corn-Silage
 Tillage Type: Minimum
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H6205RCSS Brand Blend	102	22.3	67.3	32.7	32.5	2.4	63.6	7.0	41.6	70.8	0.78	3855	30104	19621
HUBNER H6287RCSS Brand Blend	104	19.2	66.2	33.8	34.0	2.8	64.2	8.2	42.8	71.5	0.77	3801	25591	17213
HUBNER H6257RCSS Brand Blend	104	28.0	64.8	35.2	34.6	2.5	66.1	7.4	40.0	71.7	0.76	3750	36779	25075
HUBNER H6124RCSS Brand Blend	96	22.5	64.1	36.0	31.4	2.5	64.1	7.4	43.0	70.4	0.76	3736	29420	20480
HUBNER H6213RCSS Brand Blend	101	26.0	64.8	35.2	37.4	2.7	65.0	8.0	39.7	71.6	0.75	3668	33433	22902
HUBNER H6157RCSS Brand Blend	94	29.7	65.2	34.8	36.5	2.8	61.8	8.9	40.9	71.2	0.75	3637	37784	25644
HUBNER H6219RCSS Brand Blend	99	22.0	66.4	33.6	39.8	2.8	63.9	8.7	36.6	71.5	0.74	3632	27955	18660
HUBNER H6187RCSS Brand Blend	97	31.0	63.7	36.3	34.2	2.8	61.9	8.4	44.1	70.0	0.74	3597	38991	27235
HUBNER H98DT06 Brand Blend	98	23.8	63.5	36.5	36.2	2.9	64.6	8.7	41.0	70.4	0.74	3577	29858	20973
PIONEER P96080	96	33.5	62.0	38.0	31.6	2.6	63.9	7.5	44.2	70.0	0.74	3570	41894	30002
HUBNER H6225RCSS Brand Blend	102	23.8	63.7	36.3	35.4	2.8	62.8	8.4	43.3	71.8	0.74	3564	29627	20520
HUBNER H6107RCSS Brand Blend	97	18.6	63.7	36.3	37.8	3.4	62.6	10.3	39.5	70.5	0.72	3490	22723	15785
HUBNER H4201RC2P Brand Blend	99	24.4	61.1	38.9	36.4	2.6	65.5	7.9	41.9	70.9	0.72	3471	29583	21415
HUBNER H6134RCSS Brand Blend	96	32.4	60.7	39.3	32.7	2.6	64.2	7.8	44.9	71.6	0.72	3457	39188	28982
HUBNER H6172RCSS Brand Blend	98	23.0	61.5	38.5	39.6	3.2	64.5	9.6	38.7	70.8	0.71	3408	27398	19845

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: DAVE VAUGHAN
 Trial County: Yates , New York
 Trial Name: US44 L4B CS MD 879557925413362
 Report Created: Nov 18, 2020

Trial Type: Market Development
 Planting Date: May 28, 2020
 Harvest Date: Sep 20, 2020
 Planting Rate: 36,068 Seeds/Acre

Previous Crop: Corn-Silage
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton			
HUBNER H6394RCSS Brand Blend	108	26.1	64.7	35.3	37.0	3.3	60.9	10.1	40.2	69.9	0.73	3548	32404	22142	
HUBNER H6390RCSS Brand Blend	108	28.8	64.5	35.5	39.3	3.2	61.7	9.0	37.1	69.3	0.73	3491	35167	23978	
HUBNER H6321RCSS Brand Blend	109	27.6	63.7	36.3	37.5	3.5	61.1	10.4	39.6	69.6	0.72	3448	33326	23007	
HUBNER H6325RCSS Brand Blend	106	24.4	61.0	39.0	33.6	2.8	62.0	8.3	42.9	70.8	0.71	3412	29133	21453	
HUBNER H6257RCSS Brand Blend	104	24.2	61.3	38.7	37.3	3.0	63.7	8.6	38.3	70.4	0.71	3398	28783	20909	
HUBNER H07DT08 Brand Blend	107	27.3	63.1	36.9	39.3	3.5	61.2	10.9	38.7	70.0	0.71	3384	32290	22713	
HUBNER H6368RCSS Brand Blend	105	28.1	61.2	38.8	33.6	2.8	61.5	8.6	42.3	70.9	0.71	3382	33290	24298	
HUBNER H6456RCSS Brand Blend	109	26.7	63.9	36.1	38.3	3.4	59.7	10.5	40.0	70.5	0.71	3381	31623	21851	
HUBNER H6358RCSS Brand Blend	103	25.2	62.3	37.7	39.4	3.2	61.9	9.4	37.1	70.4	0.7	3334	29417	21002	
HUBNER H6287RCSS Brand Blend	104	24.1	58.7	41.3	35.0	2.5	63.4	7.6	40.9	69.9	0.69	3300	27791	21160	
HUBNER H4359RC2P Brand Blend	107	28.3	58.6	41.4	34.3	2.7	63.3	7.8	43.9	70.6	0.69	3292	32552	24844	
HUBNER H6205RCSS Brand Blend	102	25.5	60.1	39.9	38.9	3.5	60.2	10.4	39.9	69.3	0.68	3210	28693	21277	
HUBNER H6301RCSS Brand Blend	107	28.2	57.8	42.2	33.2	2.8	62.2	8.1	42.8	70.4	0.68	3207	31651	24362	
HUBNER H6225RCSS Brand Blend	102	30.3	59.0	41.0	38.3	3.3	59.0	10.3	41.0	68.7	0.67	3112	33022	24790	

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: DRY CREEK FARM
 Trial County: Blair, Pennsylvania
 Trial Name: US44 L6S CS MD 879557654992140
 Report Created: Nov 10, 2020
 Trial Type: Market Development
 Planting Date: May 12, 2020
 Harvest Date: Sep 10, 2020
 Planting Rate: 32,000 Seeds/Acre
 Previous Crop: Corn-Silage
 Tillage Type: Conservation: No-Till
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information			Energy From Fiber				Energy From Starch						
	RM	Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Com Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6624RCSS Brand Blend	112	32.3	62.2	37.8	28.5	2.3	64.9	6.8	46.0	68.6	0.75	3649	41189	29854
HUBNER H6205RCSS Brand Blend	102	30.3	62.0	38.0	27.2	2.5	57.6	8.0	47.1	68.3	0.74	3573	37832	27070
HUBNER H6257RCSS Brand Blend	104	30.5	61.7	38.3	31.1	2.6	63.7	7.6	42.8	66.4	0.73	3510	37439	27270
HUBNER H6225RCSS Brand Blend	102	27.8	65.1	34.9	35.1	2.9	59.3	9.9	36.9	69.7	0.73	3490	33966	23166
HUBNER H6394RCSS Brand Blend	108	30.9	58.3	41.7	26.5	2.0	62.8	5.8	49.0	66.3	0.71	3420	36954	28578
HUBNER H6325RCSS Brand Blend	106	25.4	59.4	40.6	31.4	2.3	61.2	7.5	45.1	65.3	0.71	3370	29963	22731

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Com Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre), Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: GARBER AG SERVICES

Trial Type: Market Development

Previous Crop: Soybeans

Trial County: Clinton , Pennsylvania

Planting Date: May 19, 2020

Tillage Type: Conservation: No-Till

Trial Name: US44 LZ8 CS MD 879557152512307

Harvest Date: Aug 31, 2020

Irrigation: No

Report Created: Nov 10, 2020

Planting Rate: 35,000 Seeds/Acre

Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
PIONEER P0843AM	108	18.5	65.8	34.2	33.5	2.2	66.4	6.7	42.6	72.1	0.77	3818	24773	16875
HUBNER H6390RCSS Brand Blend	108	17.2	66.0	34.0	37.2	2.6	64.6	7.7	38.7	71.2	0.76	3737	22498	15126
HUBNER H6456RCSS Brand Blend	109	18.2	66.1	34.0	37.6	2.9	64.1	8.5	38.1	72.1	0.76	3686	23491	15732
HUBNER H6321RCSS Brand Blend	109	18.3	64.8	35.2	34.8	2.5	64.1	7.8	40.8	71.3	0.76	3684	23535	16051
HUBNER H4326RC2P Brand Blend	106	18.3	63.9	36.2	34.7	2.4	64.8	7.4	41.1	71.4	0.75	3667	23535	16408
HUBNER H09G056 Brand Blend	109	18.5	64.5	35.5	33.9	2.6	63.5	8.0	41.2	71.1	0.75	3664	23784	16309
HUBNER H07DT08 Brand Blend	107	18.8	64.7	35.3	37.2	2.7	64.9	8.1	38.3	70.6	0.75	3655	24044	16528
HUBNER H6257RCSS Brand Blend	104	17.1	63.9	36.1	35.2	2.6	64.3	7.9	41.3	71.6	0.74	3617	21620	15018
HUBNER H6325RCSS Brand Blend	106	17.1	63.2	36.8	33.4	2.3	63.6	7.1	42.7	71.2	0.74	3614	21662	15324
HUBNER H6563RCSS Brand Blend	111	17.8	66.2	33.8	38.3	2.8	61.8	8.9	37.8	71.4	0.74	3612	22557	15140
HUBNER H6394RCSS Brand Blend	108	18.0	64.2	35.8	35.7	2.5	62.1	8.1	41.2	71.3	0.74	3600	22670	15544
HUBNER H6301RCSS Brand Blend	107	19.9	63.0	37.0	34.6	2.5	62.7	7.9	41.7	69.7	0.73	3533	24641	17524
HUBNER H05G716 Brand Blend	105	19.2	64.0	36.0	36.0	2.8	62.2	8.6	39.4	70.0	0.73	3530	23668	16256
HUBNER H6368RCSS Brand Blend	105	17.5	64.3	35.7	36.0	2.7	61.7	8.4	39.4	71.2	0.73	3527	21566	14824
HUBNER H6410RCSS Brand Blend	109	17.7	64.5	35.5	41.1	3.1	62.8	9.7	33.8	71.1	0.73	3477	21547	14751
HUBNER H6287RCSS Brand Blend	104	17.9	62.2	37.8	36.6	2.9	60.3	9.1	40.0	70.2	0.71	3407	21323	15173

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

MID SEASON

Cooperator: GARBER AG SERVICES
 Trial Country: Northumberland, Pennsylvania
 Trial Name: US44 LZ8 CS TP 879557152412087
 Report Created: Nov 10, 2020
 Trial Type: Yield Trial - Third Party
 Planting Date: May 20, 2020
 Harvest Date: Aug 25, 2020
 Planting Rate: 35,000 Seeds/Acre
 Previous Crop: Soybeans
 Tillage Type: Conservation: No-Till
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H6358RCSS Brand Blend	103	20.3	67.7	32.3	34.2	2.3	65.9	6.8	39.7	70.7	0.77	3774	26833	17864
HUBNER H4201RC2P Brand Blend	99	19.3	64.7	35.3	32.8	2.5	66.9	7.2	38.8	70.2	0.76	3740	25208	17529
HUBNER H6134RCSS Brand Blend	96	18.8	65.5	34.5	32.4	2.7	63.8	7.4	40.7	69.3	0.76	3723	24474	16807
HUBNER H6124RCSS Brand Blend	96	19.0	64.4	35.6	33.0	2.7	64.8	7.3	39.5	70.2	0.76	3694	24617	17037
HUBNER H6157RCSS Brand Blend	94	18.2	66.1	33.9	33.7	2.3	63.6	7.2	39.8	70.2	0.75	3683	23505	15754
HUBNER H4304RC2P Brand Blend	103	19.9	65.5	34.5	34.6	2.4	65.8	7.2	39.5	69.7	0.75	3662	25509	17502
HUBNER H6205RCSS Brand Blend	102	18.8	65.4	34.6	35.1	2.9	63.9	8.1	36.4	70.3	0.75	3641	23936	16228
HUBNER H6187RCSS Brand Blend	97	18.1	64.7	35.3	33.7	3.0	63.3	8.3	38.7	70.5	0.74	3623	22987	15662
HUBNER H6107RCSS Brand Blend	97	18.5	66.1	33.9	34.4	2.0	65.3	6.8	39.0	69.8	0.74	3616	23350	15656
HUBNER H6213RCSS Brand Blend	101	17.5	66.8	33.2	35.3	2.6	62.3	7.9	38.2	70.1	0.75	3616	22198	14883
HUBNER H4114RC2P Brand Blend	97	18.9	63.8	36.2	32.7	2.3	65.2	6.9	41.3	70.7	0.74	3612	23939	16945
HUBNER H6172RCSS Brand Blend	98	18.6	65.5	34.5	35.2	3.0	62.9	8.6	36.3	68.3	0.75	3607	23527	16101
HUBNER H98DT06 Brand Blend	98	20.1	64.3	35.7	34.2	2.8	64.0	8.2	38.0	70.1	0.74	3602	25320	17352
H6225RCSS Brand Blend	102	17.4	65.8	34.2	34.4	2.6	63.5	7.5	39.0	70.7	0.74	3602	21893	14736
HUBNER H4092RC2P Brand Blend	92	18.4	62.6	37.4	33.1	2.8	63.8	8.1	40.1	70.1	0.74	3567	23006	16489
PIONEER P0157AM	101	20.2	64.8	35.2	35.4	2.4	64.6	7.3	37.6	70.2	0.74	3565	25212	17457
HUBNER H6219RCSS Brand Blend	99	18.8	66.0	34.0	36.6	2.6	63.8	7.9	35.8	69.4	0.74	3564	23482	15974
PIONEER P9608AM	96	17.1	62.4	37.6	33.3	2.8	64.9	7.9	40.4	68.7	0.73	3549	21223	15289

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per acre), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: GARBER AG SERVICES

Trial Type: Yield Trial - Third Party

Previous Crop: Soybeans

Trial County: Northumberland, Pennsylvania

Planting Date: May 20, 2020

Tillage Type: Conservation: No-Till

Trial Name: US44 LZ8 CS TP 879557152412520

Harvest Date: Aug 31, 2020

Irrigation: No

Report Created: Nov 10, 2020

Planting Rate: 35,000 Seeds/Acre

Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton			
HUBNER H6456RCSS Brand Blend	109	20.7	65.1	34.9	32.2	2.5	62.1	7.6	41.2	72.3	0.76	3707	26799	18164	
HUBNER H6321RCSS Brand Blend	109	18.0	64.6	35.4	31.4	2.5	62.4	7.8	41.6	71.4	0.76	3697	23290	16106	
PIONEER P0843AM	108	17.7	64.3	35.8	32.4	2.3	64.8	7.0	41.6	71.9	0.75	3694	22917	15861	
HUBNER H6563RCSS Brand Blend	111	18.4	64.5	35.5	32.6	2.7	63.3	8.0	41.3	69.4	0.76	3678	23693	16185	
HUBNER H6390RCSS Brand Blend	108	19.0	63.9	36.1	32.6	2.5	62.4	8.1	41.8	71.4	0.75	3648	24249	16994	
HUBNER H4326RC2P Brand Blend	106	19.3	63.7	36.3	32.4	2.5	62.8	7.8	41.5	70.6	0.75	3630	24584	17016	
HUBNER H07DT08 Brand Blend	107	17.1	64.4	35.7	35.9	2.7	63.8	8.2	36.8	70.1	0.74	3608	21624	15059	
HUBNER H05G716 Brand Blend	105	18.5	63.5	36.5	32.1	2.5	62.5	8.0	41.7	70.6	0.74	3600	23341	16291	
HUBNER H6394RCSS Brand Blend	108	16.7	64.7	35.3	33.3	2.4	60.1	8.0	40.2	71.6	0.74	3592	20959	14403	
HUBNER H6301RCSS Brand Blend	107	16.8	63.1	36.9	33.3	2.4	63.7	7.6	40.4	70.7	0.74	3591	21154	15061	
HUBNER H6257RCSS Brand Blend	104	19.7	62.5	37.5	33.0	2.3	63.8	7.3	41.2	71.7	0.74	3580	24693	17634	
HUBNER H6368RCSS Brand Blend	105	17.5	63.2	36.8	30.8	2.8	57.5	9.2	43.4	68.8	0.74	3535	21624	15100	
HUBNER H09G056 Brand Blend	109	17.6	62.4	37.6	33.2	2.4	62.3	7.6	40.5	71.8	0.73	3533	21824	15521	
HUBNER H6410RCSS Brand Blend	109	16.5	62.6	37.4	33.9	2.8	62.3	8.8	39.3	67.2	0.73	3511	20266	14503	
HUBNER H6325RCSS Brand Blend	106	17.6	59.7	40.3	27.9	2.4	63.9	6.9	47.1	70.6	0.72	3473	21388	16288	
HUBNER H6287RCSS Brand Blend	104	16.7	60.8	39.2	31.6	2.5	60.3	7.9	42.8	70.4	0.72	3404	19877	14672	

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre) and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: GARBER AG SERVICES
 Trial County: Lancaster, Pennsylvania
 Trial Name: US44 LZ8 CS TP 879557152505081
 Report Created: Nov 10, 2020
 Trial Type: Yield Trial - Third
 Party Planting Date: May 5, 2020
 Harvest Date: Aug 24, 2020
 Planting Rate: 35,000 Seeds/Acre
 Previous Crop: Soybeans
 Tillage Type: Conservation: No-Till
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H6301RCSS Brand Blend	107	27.3	68.7	31.3	32.8	2.3	62.2	7.5	39.0	71.1	0.77	3749	35815	23582
HUBNER H6325RCSS Brand Blend	106	23.8	67.2	32.8	33.9	2.5	61.4	7.9	37.8	71.7	0.75	3660	30528	20222
HUBNER H6257RCSS Brand Blend	104	21.2	68.6	31.4	35.9	2.0	63.1	7.3	36.8	72.6	0.74	3596	26729	17693
HUBNER H6287RCSS Brand Blend	104	22.8	67.6	32.4	34.3	2.2	61.8	7.3	39.0	70.9	0.74	3585	28625	18654
HUBNER H6394RCSS Brand Blend	108	23.4	68.7	31.3	33.9	2.3	60.0	8.2	39.0	72.5	0.75	3582	29391	19170
HUBNER H6390RCSS Brand Blend	108	23.9	71.2	28.8	36.2	2.2	63.7	7.3	36.5	72.0	0.74	3572	29853	19893
HUBNER H05G716 Brand Blend	105	24.5	68.8	31.2	35.2	2.2	61.9	7.7	37.3	71.6	0.74	3552	30520	20074
HUBNER H09G056 Brand Blend	109	25.8	70.7	29.4	34.9	2.3	60.9	8.2	37.1	71.9	0.74	3538	31992	21125
HUBNER H6410RCSS Brand Blend	109	24.1	68.0	32.0	36.2	2.4	62.0	8.2	34.5	70.9	0.73	3514	29584	19297
HUBNER H6321RCSS Brand Blend	109	24.3	70.1	29.9	35.9	2.4	59.9	8.5	35.9	72.1	0.73	3497	29696	19465
HUBNER H6368RCSS Brand Blend	105	21.4	68.2	31.8	34.7	2.4	60.5	8.2	37.1	71.4	0.73	3478	25998	17134
HUBNER H07DT08 Brand Blend	107	23.7	67.8	32.2	38.5	2.4	62.4	8.4	34.4	72.0	0.72	3472	28772	18995
HUBNER H4326RC2P Brand Blend	106	23.9	68.6	31.4	35.7	2.3	61.3	8.1	35.6	72.8	0.73	3470	29042	19184
HUBNER H6563RCSS Brand Blend	111	26.2	71.1	28.9	36.7	2.6	60.1	9.0	35.3	72.1	0.72	3460	31726	20613
PIONEER P0843AM	108	25.1	70.4	29.6	36.5	2.3	61.7	8.0	35.0	72.2	0.72	3458	30432	20172
HUBNER H6456RCSS Brand Blend	109	23.7	72.0	28.0	39.0	2.7	59.7	9.7	31.8	74.1	0.71	3367	27903	18265

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: GARBER AG SERVICES

Trial County: Mifflin, Pennsylvania

Trial Name: US44 LZ8 CS TP 879557152510585

Report Created: Nov 10, 2020

Trial Type: Yield Trial - Third Party

Planting Date: May 12, 2020

Harvest Date: Aug 25, 2020

Planting Rate: 35,000 Seeds/Acre

Previous Crop: Soybeans

Tillage Type: Conservation: No-Till

Irrigation: No

Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Stlage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDfD 30hr % of NDfD	uNDf 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H4326RC2P Brand Blend	106	20.7	68.1	31.9	37.2	2.4	62.6	8.1	37.6	71.8	0.75	3655	26537	17282
PIONEER P0843AM	108	21.5	68.2	31.8	39.1	2.5	64.3	7.8	37.2	71.4	0.75	3653	27542	17947
HUBNER H6390RCSS Brand Blend	108	22.8	67.6	32.4	37.6	2.5	63.4	8.2	36.4	71.9	0.75	3621	28858	18971
HUBNER H6257RCSS Brand Blend	104	21.3	67.1	32.9	37.4	2.7	62.3	8.9	36.8	71.9	0.74	3588	26722	17400
HUBNER H6321RCSS Brand Blend	109	23.0	68.4	31.6	36.9	2.1	61.3	7.3	39.3	71.5	0.74	3563	28693	18814
HUBNER H05G716 Brand Blend	105	22.0	67.3	32.7	37.6	2.1	62.7	7.3	39.0	70.5	0.74	3556	27363	17977
HUBNER H6325RCSS Brand Blend	106	19.5	68.8	31.3	38.8	2.8	59.8	9.0	37.0	71.6	0.73	3522	24005	15623
HUBNER H6287RCSS Brand Blend	104	21.5	66.2	33.8	36.9	2.2	62.0	7.6	40.3	70.5	0.73	3510	26437	17596
HUBNER H6410RCSS Brand Blend	109	22.8	67.6	32.4	38.0	2.5	60.3	8.3	39.6	70.4	0.73	3504	27971	18297
HUBNER H6301RCSS Brand Blend	107	22.2	67.1	32.9	36.9	2.3	60.0	8.1	40.8	69.4	0.73	3498	27214	17833
HUBNER H6368RCSS Brand Blend	105	21.0	66.6	33.4	37.3	2.2	61.2	7.9	39.1	70.6	0.72	3466	25513	16873
HUBNER H6563RCSS Brand Blend	111	20.1	70.8	29.2	40.0	2.9	59.9	9.4	34.3	71.9	0.73	3465	24340	15792
HUBNER H6456RCSS Brand Blend	109	22.0	69.4	30.6	39.5	2.5	60.2	8.7	37.6	70.5	0.72	3459	26607	17293
HUBNER H6394RCSS Brand Blend	108	19.9	69.0	31.0	38.0	2.6	59.2	9.0	37.3	71.3	0.72	3453	24055	15661
HUBNER H09G056 Brand Blend	109	21.5	69.1	30.9	39.5	2.4	59.7	8.7	36.5	71.1	0.72	3427	25765	16570
HUBNER H07DT08 Brand Blend	107	21.6	68.4	31.6	41.5	2.7	60.2	9.4	34.9	71.0	0.71	3385	25648	16699

All yield values are adjusted to 65.0% moisture. NDfD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDf is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: JAMES ZIMMERMAN
 Trial County: Yates, New York
 Trial Name: US44 L4B CS MD 879557925413095
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: May 28, 2020
 Harvest Date: Sep 25, 2020
 Planting Rate: 32,000 Seeds/Acre
 Previous Crop: Corn-Grain
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Com Sil. Milk/Ton		
HUBNER H4124RC2P Brand Blend	95	25.1	64.0	36.0	37.4	2.5	59.3	8.7	40.5	68.3	0.7	3292	28885	19726
HUBNER H6134RCSS Brand Blend	96	28.6	64.1	35.9	39.7	2.3	60.5	8.4	38.8	66.9	0.69	3273	32785	22518
HUBNER H6358RCSS Brand Blend	103	28.9	59.0	41.0	36.6	2.7	61.6	8.4	41.3	70.5	0.68	3199	32321	24495
HUBNER H4114RC2P Brand Blend	97	26.2	62.4	37.6	38.3	2.4	59.8	8.7	40.7	69.1	0.68	3190	29259	20619
HUBNER H4061RC2P Brand Blend	91	26.0	60.3	39.7	33.8	1.7	61.2	6.8	44.4	67.7	0.68	3185	28963	21646
PARTNERS PB 6613 VIP3220	96	22.4	62.4	37.6	37.9	2.4	58.9	8.5	40.0	69.8	0.68	3179	24966	17655
HUBNER H6213RCSS Brand Blend	101	29.4	56.5	43.5	32.7	2.5	61.5	7.5	44.2	71.4	0.67	3150	32372	25821
HUBNER H6187RCSS Brand Blend	97	27.8	56.6	43.4	33.6	3.0	58.9	9.5	44.4	70.6	0.66	3078	29926	24000
HUBNER H4172RC2P Brand Blend	98	26.3	56.9	43.1	34.8	2.8	58.4	9.0	43.2	66.8	0.66	3025	27884	21941
HUBNER H4092RC2P Brand Blend	92	22.1	58.0	42.0	35.2	2.0	60.0	7.6	43.7	69.1	0.65	3015	23353	18095
HUBNER H6225RCSS Brand Blend	102	32.1	54.4	45.6	34.9	2.7	60.8	8.4	42.4	72.2	0.65	2995	33677	27261

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: MERLE STOLTZFUS

Trial Type: Market Development

Previous Crop: Soybeans

Trial County: Lancaster, Pennsylvania

Planting Date: May 21, 2020

Tillage Type: Conservation: No-Till

Trial Name: US44 L9K CS MD 879557655822189

Harvest Date: Sep 3, 2020

Irrigation: No

Report Created: Nov 10, 2020

Planting Rate: 34,000 Seeds/Acre

Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H4201RC2P Brand Blend	99	32.6	59.1	40.9	31.9	2.8	57.4	8.9	41.6	66.4	0.69	3229	36827	27650
HUBNER H6219RCSS Brand Blend	99	30.9	58.2	41.8	31.3	2.8	58.8	8.5	42.0	66.7	0.69	3225	34872	26692
HUBNER H01G213 Brand Blend	101	31.5	57.4	42.6	33.5	3.1	55.5	9.7	41.7	67.6	0.67	3070	33864	26256
HUBNER H6358RCSS Brand Blend	103	28.3	56.8	43.2	31.0	3.0	56.5	9.3	43.1	66.5	0.66	3043	30104	23984
HUBNER H02G225 Brand Blend	102	27.9	55.3	44.7	33.6	3.0	57.5	8.9	43.5	68.0	0.65	2969	29038	23712
HUBNER H6205RCSS Brand Blend	102	29.6	56.6	43.4	32.1	3.2	52.3	10.0	42.8	66.5	0.65	2923	30307	24223
HUBNER H4692RC2P Brand Blend	112	5.9	58.4	41.6	31.6	1.8	60.2	6.9	46.6	69.3	0.67	3122	6470	5025
HUBNER H4763RC2P Brand Blend	115	5.7	60.1	39.9	35.2	2.3	57.2	8.5	41.0	65.7	0.67	3084	6124	4552

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

MID SEASON

Cooperator: NOT AVAILABLE
 Trial County: Huntingdon, Pennsylvania
 Trial Name: US44 L6S CS MD 879557925121785
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: May 12, 2020
 Harvest Date: Sep 8, 2020
 Planting Rate: 30,000 Seeds/Acre
 Previous Crop: Corn-Grain
 Tillage Type: Conservation: No-Till
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information			Energy From Fiber				Energy From Starch						
	RM	Stlage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H05G716 Brand Blend	105	16.5	60.0	40.0	31.6	3.0	56.6	9.2	45.3	66.9	0.7	3327	19198	14244
HUBNER H4304RC2P Brand Blend	103	10.8	65.1	34.9	46.3	3.9	59.6	12.4	30.1	63.1	0.68	3170	12010	8016
HUBNER H01G213 Brand Blend	101	7.2	64.3	35.7	38.9	3.8	49.3	13.0	37.0	63.9	0.68	3120	7881	5344
HUBNER H4358RC2P Brand Blend	103	12.0	63.4	36.6	41.8	3.9	55.7	12.4	31.5	64.4	0.67	3101	12985	8860
HUBNER H02G225 Brand Blend	102	11.4	59.0	41.0	39.2	3.7	50.6	12.7	38.9	64.6	0.64	2851	11339	8415
HUBNER H08G394 Brand Blend	108	30.6	58.6	41.4	32.8	2.1	56.6	7.6	45.3	67.8	0.66	3049	32701	25056

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: PATRICK HOURIGAN
 Trial Country: Onondaga, New York
 Trial Name: US44 LAW CS MD 879557466358469
 Report Created: Nov 10, 2020

Trial Type: Market Development
 Planting Date: May 13, 2020
 Harvest Date: Sep 14, 2020
 Planting Rate: 32,100 Seeds/Acre

Previous Crop: Winter Wheat
 Tillage Type: Minimum
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6124RCSS Brand Blend	96	28.1	64.7	35.3	32.1	2.6	60.7	8.2	44.4	69.4	0.76	3689	36283	24712
HUBNER H6107RCSS Brand Blend	97	28.7	62.7	37.3	29.6	2.6	59.8	8.4	46.5	69.4	0.74	3584	35957	25650
HUBNER H6157RCSS Brand Blend	94	27.3	64.4	35.6	35.0	2.8	61.8	8.7	39.1	69.5	0.74	3572	34156	23604
HUBNER H6287RCSS Brand Blend	104	33.8	61.6	38.4	31.8	2.4	61.9	7.5	46.4	69.3	0.74	3566	42243	30286
HUBNER H6134RCSS Brand Blend	96	28.1	64.8	35.2	32.0	1.7	60.5	6.9	45.0	69.6	0.73	3544	34808	23811
HUBNER H4304RC2P Brand Blend	103	30.5	58.7	41.3	30.1	2.1	65.6	6.7	46.0	69.3	0.73	3531	37742	28741
HUBNER H6225RCSS Brand Blend	102	29.2	60.5	39.5	34.9	3.1	62.7	9.7	41.4	69.2	0.71	3372	34515	25267
HUBNER H98DT06 Brand Blend	98	25.7	60.8	39.2	33.6	2.8	59.6	9.3	42.3	69.6	0.7	3347	30076	22182
PIONEER P9608Q	96	21.5	58.0	42.0	30.3	2.7	61.4	8.5	45.9	67.3	0.7	3323	25019	19581
HUBNER H4358RC2P Brand Blend	103	31.4	59.2	40.8	30.7	2.7	58.3	8.4	45.6	65.9	0.7	3306	36279	27572
HUBNER H6205RCSS Brand Blend	102	24.6	64.0	36.0	36.0	2.3	58.3	8.8	39.3	68.6	0.7	3296	28354	19339
HUBNER H6187RCSS Brand Blend	97	31.3	57.7	42.3	33.7	3.0	60.3	9.2	45.4	68.9	0.69	3235	35449	27533
HUBNER H6358RCSS Brand Blend	103	34.1	55.7	44.3	30.7	2.6	62.4	7.8	46.9	67.6	0.67	3148	37524	30475
HUBNER H6172RCSS Brand Blend	98	33.5	54.6	45.4	32.5	2.6	60.0	8.1	45.0	68.8	0.66	3068	36026	29503

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: RICKI BASHORE
Trial County: Lebanon , Pennsylvania
Trial Name: US44 L9K CS MD 879557656031765
Report Created: Nov 10, 2020
Trial Type: Market Development
Planting Date: May 20, 2020
Harvest Date: Sep 11, 2020
Planting Rate: 32,000 Seeds/Acre
Previous Crop: Soybeans
Tillage Type: Minimum
Irrigation: No
Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H4326RC2P Brand Blend	106	27.6	60.4	39.6	30.3	2.6	62.4	7.4	44.6	69.2	0.72	3474	33533	24678
HUBNER H09G056 Brand Blend	109	32.6	63.0	37.0	32.3	2.1	61.2	7.1	44.5	69.9	0.72	3439	39295	27702
HUBNER H4390RC2P Brand Blend	108	29.7	63.0	37.0	32.9	1.9	61.6	6.5	43.6	67.0	0.71	3416	35512	25204
HUBNER H6225RCSS Brand Blend	102	32.0	55.1	44.9	28.9	2.6	58.5	8.0	47.4	67.5	0.67	3145	35173	29086
HUBNER H4257RC2P Brand Blend	104	30.9	55.7	44.3	28.2	2.5	55.0	8.0	50.1	68.1	0.66	3050	32982	27170
HUBNER H08G394 Brand Blend	108	30.6	58.6	41.4	32.8	2.1	56.6	7.6	45.3	67.8	0.66	3049	32701	25056

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre), Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: SAMUEL CONLEY

Trial Type: Market Development

Previous Crop: Soybeans

Trial County: Lancaster, Pennsylvania

Planting Date: May 13, 2020

Tillage Type: Conservation: No-Till

Trial Name: US44 L9K CS MD 879557564142362

Harvest Date: Sep 2, 2020

Irrigation: No

Report Created: Nov 10, 2020

Planting Rate: 32,000 Seeds/Acre

Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DIM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Com Sil. Milk/Ton			
HUBNER H4257RC2P Brand Blend	104	24.8	66.2	33.8	32.0	2.8	62.4	8.3	41.9	70.5	0.77	3774	32724	21786	
SEED CONSULTANTS SCS 1030AMXT	103	21.0	65.9	34.1	33.4	2.9	63.6	8.5	39.5	64.8	0.76	3731	27392	18447	
HUBNER H07DT08 Brand Blend	107	31.5	64.2	35.8	33.6	2.8	64.3	7.7	40.4	69.3	0.76	3713	40895	28159	
HUBNER H4326RC2P Brand Blend	106	26.5	65.1	34.9	31.7	1.7	65.4	5.9	42.6	70.1	0.75	3682	34184	23327	
HUBNER H4201RC2P Brand Blend	99	31.2	63.3	36.8	31.2	2.7	62.4	8.0	39.9	70.6	0.74	3619	39532	27446	
HUBNER H4390RC2P Brand Blend	108	35.2	62.5	37.5	29.3	2.5	61.6	7.8	44.4	69.9	0.74	3604	44339	31453	
HUBNER H4321RC2P Brand Blend	109	31.3	64.4	35.6	31.5	3.0	60.1	8.6	40.6	67.7	0.74	3604	39462	27029	
HUBNER H09G056 Brand Blend	109	31.8	62.6	37.4	31.9	2.5	63.1	7.5	40.7	69.4	0.74	3585	39895	28451	
HUBNER H6134RCSS Brand Blend	96	31.1	60.7	39.3	30.3	2.6	62.9	7.7	43.0	70.0	0.73	3547	38615	28313	
HUBNER H6187RCSS Brand Blend	97	30.1	63.3	36.8	32.4	2.8	60.6	8.9	39.8	71.1	0.73	3546	37398	26034	
HUBNER H6172RCSS Brand Blend	98	28.9	63.4	36.6	36.6	2.9	62.8	8.5	34.0	69.5	0.72	3493	35340	24529	
HUBNER H02G225 Brand Blend	102	29.8	62.3	37.7	32.2	2.8	61.6	7.7	40.5	70.4	0.72	3474	36196	25719	
SEED CONSULTANTS SCS 989RR	98	32.9	58.4	41.6	29.6	2.7	60.5	8.1	44.1	68.5	0.71	3373	38812	29418	

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of dry matter. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per acre), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

MID SEASON

Cooperator: STEVE GERBER
 Trial County: Wayne, Ohio
 Trial Name: US44 LYA CS MD 879557655608112
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: Jun 1, 2020
 Harvest Date: Oct 1, 2020
 Planting Rate: 35,600 Seeds/Acre
 Previous Crop: Soybeans
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H6456RCSS Brand Blend	109	27.4	61.5	38.5	29.7	2.0	61.9	7.1	43.5	72.3	0.75	3633	34834	24936
HUBNER H6257RCSS Brand Blend	104	26.1	60.1	39.9	30.4	2.0	67.1	6.6	42.9	72.5	0.74	3621	33119	24190
HUBNER H6390RCSS Brand Blend	108	20.4	61.2	38.8	32.8	1.3	68.5	5.9	41.6	70.9	0.72	3495	24952	17938
HUBNER H4304RC2P Brand Blend	103	26.3	57.9	42.1	33.3	1.7	64.9	6.9	41.5	68.3	0.68	3211	29604	22758
HUBNER H98DT06 Brand Blend	98	25.3	57.6	42.4	32.1	1.5	64.3	6.5	41.5	69.6	0.67	3168	28092	21498
HUBNER H6225RCSS Brand Blend	102	24.1	57.6	42.4	32.1	1.8	61.7	6.6	46.2	68.3	0.66	3098	26138	20455
HUBNER H4201RC2P Brand Blend	99	26.3	55.0	45.0	33.7	1.6	64.5	6.5	43.6	68.5	0.65	3004	27616	22288
HUBNER H6187RCSS Brand Blend	97	31.0	63.7	36.3	34.2	2.8	61.9	8.4	44.1	70.0	0.74	3597	38991	27235
HUBNER H98DT06 Brand Blend	98	23.8	63.5	36.5	36.2	2.9	64.6	8.7	41.0	70.4	0.74	3577	29858	20973
PIONEER P96080	96	33.5	62.0	38.0	31.6	2.6	63.9	7.5	44.2	70.0	0.74	3570	41894	30002
HUBNER H6225RCSS Brand Blend	102	23.8	63.7	36.3	35.4	2.8	62.8	8.4	43.3	71.8	0.74	3564	29627	20520
HUBNER H6107RCSS Brand Blend	97	18.6	63.7	36.3	37.8	3.4	62.6	10.3	39.5	70.5	0.72	3490	22723	15785
HUBNER H4201RC2P Brand Blend	99	24.4	61.1	38.9	36.4	2.6	65.5	7.9	41.9	70.9	0.72	3471	29583	21415

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: WILLARD FARMS

Trial Country: Livingston, New York

Trial Name: US44 L4B CS MD 879557564468360

Report Created: Nov 10, 2020

Trial Type: Market Development

Planting Date: May 14, 2020

Harvest Date: Aug 26, 2020

Planting Rate: 33,500 Seeds/Acre

Previous Crop: Corn-Grain

Tillage Type: Conventional

Irrigation: No

Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton			
HUBNER H4358RC2P Brand Blend	103	25.2	67.5	32.5	33.2	1.9	63.5	6.7	43.0	68.3	0.76	3742	32946	21345	
PIONEER P0157AMXT	101	27.7	62.0	38.0	29.3	2.2	66.3	6.8	49.5	70.6	0.76	3713	35963	26044	
HUBNER H6325RCSS Brand Blend	106	28.2	65.5	34.5	32.4	2.0	61.5	6.9	45.4	68.2	0.74	3614	35711	23956	
HUBNER H6287RCSS Brand Blend	104	26.4	64.8	35.2	32.7	1.8	64.1	6.2	44.3	69.2	0.74	3594	33253	22840	
HUBNER H4390RC2P Brand Blend	108	27.3	65.3	34.7	34.4	1.8	63.4	6.9	44.0	68.8	0.74	3577	34138	23138	
HUBNER H6321RCSS Brand Blend	109	27.7	64.2	35.8	32.6	3.1	58.4	9.7	44.8	68.6	0.74	3569	34641	23959	
HUBNER H6225RCSS Brand Blend	102	29.3	61.6	38.4	31.4	1.5	66.7	5.7	44.0	68.2	0.72	3514	36034	26217	
HUBNER H09G056 Brand Blend	109	29.6	64.3	35.7	35.3	2.2	60.4	7.4	43.2	69.9	0.71	3417	35436	24228	
HUBNER H6205RCSS Brand Blend	102	27.1	59.0	41.0	27.9	2.4	60.8	7.1	47.3	65.1	0.71	3404	32254	24643	
HUBNER H6301RCSS Brand Blend	107	29.2	61.7	38.3	34.8	2.2	62.0	7.7	43.4	68.7	0.69	3282	33542	24326	
HUBNER H6213RCSS Brand Blend	101	24.8	62.5	37.5	39.7	2.5	62.9	8.3	36.8	69.0	0.68	3216	27880	19871	

All yield values are adjusted to 65.0% moisture. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL (Mcal per acre), NEL (Mcal per pound), Corn Silage Milk/Ton (pounds per ton), Milk/Acre (pounds per acre), Beef/Acre (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Notes:



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110-118 DAY





Cooperator: DAN ROBINSON
 Trial County: Mercer, Pennsylvania
 Trial Name: US44 LYA CS MD 879557925422836
 Report Created: Nov 18, 2020

Trial Type: Market Development
 Planting Date: Jun 1, 2020
 Harvest Date: Sep 30, 2020
 Planting Rate: 34,000 Seeds/Acre

Previous Crop: Soybeans
 Tillage Type: Conventional
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H4359RC2P Brand Blend	107	28.2	67.8	32.2	39.4	2.1	62.0	8.9	29.7	72.2	0.71	3394	33556	21791
HUBNER H6867SS Brand Blend	116	30.6	68.7	31.3	39.1	2.5	61.1	9.8	29.6	71.5	0.71	3383	36233	23605
HUBNER H6755RCSS Brand Blend	114	31.5	68.3	31.7	38.9	2.4	59.8	10.0	29.4	72.0	0.71	3356	37002	23815
HUBNER H6890RCSS Brand Blend	117	25.4	70.2	29.9	42.0	3.7	56.9	12.3	25.1	72.8	0.7	3271	29067	18802
HUBNER H6763RCSS Brand Blend	115	30.4	67.3	32.7	41.4	2.7	59.2	10.4	26.7	72.9	0.69	3267	34782	22526
HUBNER H6456RCSS Brand Blend	109	29.9	69.7	30.3	41.1	2.8	59.6	10.4	26.3	72.0	0.69	3249	34039	22167
HUBNER H4257RC2P Brand Blend	104	27.2	67.9	32.1	40.7	2.8	58.6	10.6	30.2	69.3	0.69	3225	30651	19690
HUBNER H4744VT2P Brand Blend	115	30.2	69.1	30.9	39.0	3.0	55.2	11.2	29.3	71.7	0.69	3221	34089	21926
HUBNER H6624RCSS Brand Blend	112	22.0	71.3	28.7	39.3	2.6	58.3	10.3	26.6	72.0	0.69	3221	24788	15944
HUBNER H6394RCSS Brand Blend	108	26.9	69.3	30.7	40.2	2.6	57.9	10.9	26.0	74.4	0.68	3207	30173	19492
HUBNER H6663RCSS Brand Blend	113	274.8	70.6	29.4	41.1	2.8	55.8	11.6	26.9	72.8	0.68	3186	306423	195018
HUBNER H02G225 Brand Blend	102	23.0	67.1	32.9	39.5	2.8	57.4	10.5	31.1	69.8	0.68	3183	25626	16680
HUBNER H6390RCSS Brand Blend	108	29.8	70.1	29.9	38.2	2.9	56.5	10.7	25.7	72.1	0.67	3108	32427	21156
HUBNER H99G104 Brand Blend	99	21.1	68.9	31.1	41.8	3.1	56.6	11.6	27.0	71.2	0.67	3087	22824	14666
HUBNER H4187RC2P Brand Blend	97	22.4	70.0	30.0	41.8	3.9	54.5	12.4	23.0	71.4	0.63	2822	22169	14198

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: ERICK WATKINS
 Trial Country: Amelia, Virginia
 Trial Name: US44 L40 CS MD 879557926383433
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: Jun 1, 2020
 Harvest Date: Sep 8, 2020
 Planting Rate: 32,000 Seeds/Acre
 Previous Crop: Winter Wheat
 Tillage Type: Conservation: No-Till
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H4665RC2P Brand Blend	117	23.0	66.3	33.7	32.0	3.2	60.9	9.4	39.2	65.5	0.76	3694	29703	19849
SEED CONSULTANTS SCS1168YHR	116	16.6	70.8	29.2	34.9	2.1	66.5	6.9	34.8	64.2	0.75	3656	21273	14107
HUBNER H4744RC2P Brand Blend	113	23.3	65.9	34.1	32.9	3.2	61.6	8.3	34.7	66.0	0.75	3632	29578	20103
HUBNER H4828RC2P Brand Blend	116	19.6	65.5	34.5	35.0	2.8	62.5	8.2	30.9	68.8	0.74	3609	24780	16646
HUBNER H4890RC2P Brand Blend	117	25.1	66.0	34.0	32.9	3.1	59.4	8.7	34.9	65.5	0.74	3566	31368	20938
NK NK1808-3111	118	23.2	66.0	34.0	32.0	3.7	54.0	9.8	38.3	63.4	0.74	3510	28534	18992
HUBNER H09G056 Brand Blend	109	28.1	67.1	32.9	36.0	3.2	60.3	8.9	30.1	68.9	0.73	3484	34269	22980
HUBNER H4692RC2P Brand Blend	112	28.1	64.7	35.3	36.0	3.3	60.8	8.8	30.0	68.6	0.72	3442	33844	23405
HUBNER H4846RC2P Brand Blend	118	26.3	64.5	35.5	34.7	2.4	63.8	7.7	36.7	63.1	0.72	3441	31649	21893
HUBNER H4755RC2P Brand Blend	114	18.5	67.6	32.4	38.5	3.2	57.5	10.6	29.9	61.4	0.69	3258	21040	13948
HUBNER H4563RC2P Brand Blend	111	23.4	68.4	31.6	42.5	4.0	60.8	11.4	21.5	68.9	0.69	3249	26569	17663
HUBNER H13G513 Brand Blend	113	20.0	64.9	35.1	37.0	3.0	60.2	9.5	30.0	67.8	0.69	3230	22570	15401
HUBNER H4663RC2P Brand Blend	113	20.2	64.4	35.6	37.9	2.9	60.1	9.3	31.3	67.8	0.68	3186	22580	15620
HUBNER H4763RC2P Brand Blend	115	20.9	63.3	36.7	37.8	2.8	61.1	9.3	29.1	66.3	0.68	3171	23193	16120

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: FORGYS DAIRY

Trial Type: Market Development

Previous Crop: Corn-Silage

Trial County: Mifflin, Pennsylvania

Planting Date: May 25, 2020

Tillage Type: Conservation: No-Till

Trial Name: US44 L6S CS MD 879557926176139

Harvest Date: Sep 4, 2020

Irrigation: No

Report Created: Nov 10, 2020

Planting Rate: 25,000 Seeds/Acre

Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6541RCSS Brand Blend	115	19.5	62.7	37.3	37.9	2.7	66.3	7.8	40.7	68.4	0.73	3577	24450	17174
HUBNER H6663RCSS Brand Blend	113	21.5	63.7	36.3	35.6	2.0	63.5	6.9	41.9	65.7	0.72	3478	26161	18236
HUBNER H6624RCSS Brand Blend	112	15.6	63.4	36.6	36.4	2.2	62.2	7.6	42.3	66.0	0.71	3422	18726	13025
HUBNER H6763RCSS Brand Blend	115	18.0	64.1	35.9	40.6	3.4	60.3	10.5	32.7	65.4	0.71	3388	21308	14693
HUBNER H6563RCSS Brand Blend	111	17.0	64.2	35.8	39.4	3.3	59.7	10.4	35.2	65.3	0.7	3346	19925	13649
HUBNER H6755RCSS Brand Blend	114	18.9	63.5	36.5	37.6	2.3	58.4	8.4	41.6	65.1	0.7	3306	21842	15144
HUBNER H6867SS Brand Blend	116	17.8	67.4	32.6	40.8	3.2	54.7	11.4	36.7	65.1	0.7	3281	20447	13186
HUBNER H6890RCSS Brand Blend	117	18.7	67.8	32.2	45.8	3.3	60.3	11.3	28.8	62.0	0.68	3186	20863	13567

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

LATE SEASON

Cooperator: GARBER AG SERVICES
 Trial Country: Chester, Pennsylvania
 Trial Name: US44 LZ8 CS TP 879557152503184
 Report Created: Nov 10, 2020
 Trial Type: Yield Trial - Third Party
 Planting Date: May 16, 2020
 Harvest Date: Sep 9, 2020
 Planting Rate: 35,000 Seeds/Acre
 Previous Crop: Soybeans
 Tillage Type: Conservation: No-Till
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H4665RC2P Brand Blend	117	27.6	65.6	34.4	33.9	2.8	61.2	8.5	41.8	67.4	0.76	3723	35915	24238
HUBNER H6663RCSS Brand Blend	113	28.9	63.7	36.3	31.9	2.6	60.1	8.0	45.8	67.4	0.74	3557	35986	24974
HUBNER H6624RCSS Brand Blend	112	27.9	64.1	35.9	33.0	2.4	58.9	8.0	44.4	66.9	0.74	3538	34492	24065
HUBNER H6890RCSS Brand Blend	117	29.1	62.8	37.2	33.0	2.5	60.0	8.0	44.4	66.7	0.73	3490	35573	25161
HUBNER H4828RC2P Brand Blend	116	28.2	63.1	36.9	35.1	3.2	58.6	9.5	42.2	66.5	0.73	3484	34418	24386
HUBNER H6763RCSS Brand Blend	115	27.9	62.5	37.5	33.6	3.3	59.0	9.6	41.9	67.1	0.73	3475	33994	24148
HUBNER H12DT37 Brand Blend	112	27.9	65.9	34.1	35.6	2.4	59.0	8.3	40.9	67.7	0.72	3444	33588	22355
PIONEER P1197AMX	111	27.0	63.5	36.5	33.2	2.2	59.2	7.5	45.2	68.6	0.72	3423	32369	22509
HUBNER H6541RCSS Brand Blend	115	25.2	63.9	36.1	35.3	2.7	58.5	8.9	41.7	67.1	0.72	3422	30218	21019
HUBNER H4692RC2P Brand Blend	112	29.6	60.8	39.2	31.3	2.8	57.9	8.7	47.3	65.8	0.72	3416	35376	26020
HUBNER H4744RC2P Brand Blend	113	27.7	62.3	37.7	33.4	3.3	56.2	10.5	43.2	64.6	0.72	3404	33018	23516
HUBNER H6755RCSS Brand Blend	114	29.6	62.3	37.7	32.6	2.0	60.5	7.2	46.1	67.0	0.71	3399	35202	25108
HUBNER H6692RCSS Brand Blend	112	27.5	59.3	40.7	31.0	2.4	57.7	7.9	48.4	66.8	0.69	3242	31248	23792

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: GARBER AG SERVICES

Trial Type: Yield Trial - Third Party

Previous Crop: Soybeans

Trial County: Lancaster, Pennsylvania

Planting Date: May 5, 2020

Tillage Type: Conservation: No-Till

Trial Name: US44 LZ8 CS TP 879557152506252

Harvest Date: Sep 8, 2020

Irrigation: No

Report Created: Nov 10, 2020

Planting Rate: 35,000 Seeds/Acre

Row Width: 30 Inches

Product	RM	Harvest Information				Energy From Fiber				Energy From Starch				
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H4665RC2P Brand Blend	117	24.8	67.5	32.5	32.5	2.9	58.0	9.1	39.7	68.9	0.76	3715	32209	21019
HUBNER H4744RC2P Brand Blend	113	25.5	66.0	34.0	31.8	2.5	60.4	7.8	41.0	69.1	0.75	3640	32521	22054
HUBNER H6624RCSS Brand Blend	112	24.3	64.9	35.0	31.8	2.6	59.1	8.4	42.3	65.9	0.74	3558	30215	20589
HUBNER H6755RCSS Brand Blend	114	26.5	66.1	33.9	33.6	2.8	58.1	9.1	39.1	69.3	0.74	3532	32797	22103
HUBNER H6890RCSS Brand Blend	117	27.3	63.8	36.2	30.5	2.7	58.8	8.1	41.5	67.2	0.74	3518	33624	23593
HUBNER H6692RCSS Brand Blend	112	24.9	62.5	37.5	30.7	2.9	58.4	8.4	43.4	68.1	0.73	3507	30557	21892
HUBNER H4692RC2P Brand Blend	112	24.8	63.8	36.2	31.2	3.1	57.5	9.2	42.3	68.3	0.74	3505	30430	21048
HUBNER H12DT37 Brand Blend	112	25.0	64.3	35.7	32.5	2.5	60.3	8.1	40.8	68.3	0.73	3504	30612	21180
HUBNER H6663RCSS Brand Blend	113	26.4	65.5	34.5	34.1	2.6	59.4	8.6	40.1	69.1	0.73	3457	31976	21610
HUBNER H4828RC2P Brand Blend	116	26.7	63.3	36.7	31.9	2.7	58.6	8.4	41.1	67.6	0.73	3453	32303	22680
HUBNER H6541RCSS Brand Blend	115	26.2	64.0	36.0	33.3	2.8	56.8	8.9	41.0	68.6	0.72	3400	31158	21813
PIONEER P1197AM	111	24.7	64.6	35.4	34.1	3.0	56.6	9.2	39.9	68.8	0.71	3352	29018	19843
HUBNER H6763RCSS Brand Blend	115	23.3	64.9	35.1	36.4	3.7	54.9	11.1	34.1	67.4	0.71	3339	27186	18663

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: JAY GARBER
 Trial Country: Mifflin, Pennsylvania
 Trial Name: US44 L6S CS MD 879557925422255
 Report Created: Nov 10, 2020
 Trial Type: Market Development
 Planting Date: May 18, 2020
 Harvest Date: Sep 1, 2020
 Planting Rate: 33,000 Seeds/Acre
 Previous Crop: Corn-Silage
 Tillage Type: Conservation: No-Till
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H6563RCSS Brand Blend	111	17.7	75.1	24.9	33.3	2.2	61.8	7.5	40.7	67.4	0.75	3646	22580	14741
HUBNER H6867SS Brand Blend	116	26.2	64.1	35.9	32.5	1.9	62.4	6.5	42.4	68.6	0.73	3511	32154	22203
HUBNER H6755RCSS Brand Blend	114	27.4	67.3	32.7	35.9	2.0	63.2	7.4	38.4	69.1	0.73	3501	33574	21982
HUBNER H6624RCSS Brand Blend	112	30.6	61.3	38.7	35.0	1.8	66.3	6.4	41.1	68.3	0.71	3418	36594	26900
HUBNER H6890RCSS Brand Blend	117	25.0	61.8	38.2	33.8	2.3	64.3	7.4	38.5	66.1	0.7	3313	28989	20828
HUBNER H6663RCSS Brand Blend	113	36.1	59.3	40.7	32.4	1.8	63.6	6.5	46.2	67.7	0.69	3287	41579	31783
HUBNER H6541RCSS Brand Blend	115	21.8	69.4	30.6	45.5	3.7	53.8	12.8	30.4	70.3	0.66	3037	23147	14783

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: KEVIN STAHL

Trial Type: Market Development

Previous Crop: Winter Wheat

Trial County: Franklin, Pennsylvania

Planting Date: May 18, 2020

Tillage Type: Conservation: No-Till

Trial Name: US44 LGS CS MD 879557564277076

Harvest Date: Sep 14, 2020

Irrigation: No

Report Created: Nov 10, 2020

Planting Rate: 28,500 Seeds/Acre

Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H4755RC2P Brand Blend	114	14.9	55.5	44.5	34.2	2.5	66.2	7.0	40.6	67.4	0.68	3210	16729	13324
HUBNER H4846RC2P Brand Blend	118	17.4	56.8	43.2	34.4	3.0	61.0	8.8	41.7	65.9	0.68	3171	19280	15276
MYCOGEN TMF24747	116	15.4	58.5	41.5	36.6	3.0	61.0	9.2	40.5	68.5	0.68	3167	17120	13106
HUBNER H4890RC2P Brand Blend	117	17.2	59.9	40.1	34.9	2.3	60.9	7.5	40.8	66.6	0.67	3159	19042	14083
HUBNER H12G624 Brand Blend	112	15.6	57.3	42.7	32.3	1.7	63.7	6.4	45.0	66.1	0.67	3140	17189	13513
HUBNER H6867RCSS Brand Blend	116	18.4	57.7	42.3	35.5	3.5	59.7	10.5	40.0	65.6	0.67	3118	20033	15576
HUBNER H4744RC2P Brand Blend	113	14.9	56.2	43.8	35.6	3.1	60.8	9.4	38.6	67.5	0.66	3058	15961	12654
HUBNER H4563RC2P Brand Blend	111	15.3	56.5	43.5	36.7	2.3	61.4	8.0	40.0	65.5	0.64	2924	15692	12537

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

LATE SEASON

Cooperator: LAZY CREEK FARMS
 Trial County: Madison, Virginia
 Trial Name: US44 LZM CS MD 879557925784717
 Report Created: Nov 18, 2020
 Trial Type: Market Development
 Planting Date: Apr 22, 2020
 Harvest Date: Aug 27, 2020
 Planting Rate: 33,000 Seeds/Acre
 Previous Crop: Soybeans
 Tillage Type: Minimum
 Irrigation: No
 Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H6867RCSS Brand Blend	116	30.4	65.9	34.1	32.9	3.1	55.2	10.0	45.9	62.7	0.76	3689	39199	26230
HUBNER H6624RCSS Brand Blend	112	25.9	69.4	30.6	33.3	2.5	56.8	9.2	45.7	63.7	0.76	3662	33144	21544
HUBNER H6755RCSS Brand Blend	114	28.3	65.3	34.7	33.3	2.2	60.3	7.8	46.3	63.8	0.74	3579	35440	24007
HUBNER H09G056 Brand Blend	109	35.4	59.5	40.5	27.0	1.3	67.7	4.7	53.3	62.9	0.72	3517	43588	33325
HUBNER H6692RCSS Brand Blend	112	23.7	70.4	29.6	38.5	3.9	54.6	12.2	36.5	63.5	0.73	3493	28933	18621
HUBNER H13G513 Brand Blend	113	33.6	66.3	33.7	34.6	2.6	54.5	9.4	44.7	63.4	0.73	3450	40528	26409
HUBNER H6890RCSS Brand Blend	117	30.5	64.5	35.5	33.1	2.2	57.4	8.0	46.5	68.4	0.72	3433	36689	24968
HUBNER H6563RCSS Brand Blend	111	33.4	62.5	37.5	30.9	2.1	59.1	7.2	43.0	64.3	0.71	3406	39810	28337
HUBNER H6321RCSS Brand Blend	109	36.2	60.0	40.0	28.5	1.6	63.7	5.9	47.3	69.1	0.71	3396	42991	32365
HUBNER H6663RCSS Brand Blend	113	31.0	62.0	38.0	29.8	2.0	57.6	7.5	50.7	68.5	0.71	3391	36788	26780
HUBNER H12G624 Brand Blend	112	23.5	67.6	32.5	38.9	3.0	54.9	10.4	37.6	68.3	0.71	3375	27756	17764
HUBNER H6390RCSS Brand Blend	108	32.0	63.5	36.5	33.9	2.4	57.0	8.4	43.7	67.8	0.71	3343	37418	26150
HUBNER H6541RCSS Brand Blend	115	32.6	62.8	37.2	33.2	2.6	54.3	9.2	44.8	66.5	0.69	3246	36989	26120
PIONEER P0463AMX	104	27.5	68.1	32.0	40.2	3.1	56.5	10.7	34.1	66.6	0.69	3207	30838	19921

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: MERLE STOLTZFUS

Trial Type: Market Development

Previous Crop: Soybeans

Trial County: Lancaster, Pennsylvania

Planting Date: May 21, 2020

Tillage Type: Conservation: No-Till

Trial Name: US44 L9K CS MD 879557655823622

Harvest Date: Sep 3, 2020

Irrigation: NoRow

Report Created: Nov 10, 2020

Planting Rate: 34,000 Seeds/Acre

Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Stlage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6663RCSS Brand Blend	113	3.6	64.0	36.0	30.5	1.8	61.4	6.4	45.4	68.2	0.73	3535	4435	3097
HUBNER H4390RC2P Brand Blend	108	4.8	62.6	37.4	32.2	1.8	62.7	6.8	43.7	68.9	0.71	3428	5747	4065
HUBNER H6755RCSS Brand Blend	114	5.5	63.8	36.2	34.0	2.2	60.9	7.7	40.3	68.4	0.72	3422	6576	4574
HUBNER H13G513 Brand Blend	113	5.0	62.0	38.0	31.0	1.7	62.9	6.3	44.2	68.5	0.71	3407	6020	4362
HUBNER H09G056 Brand Blend	109	5.3	61.6	38.4	30.9	1.9	59.4	7.1	45.3	67.8	0.7	3322	6141	4481
HUBNER H4321RC2P Brand Blend	109	5.8	58.9	41.1	29.9	2.0	58.4	7.2	43.2	67.7	0.67	3142	6432	4873
HUBNER H4692RC2P Brand Blend	112	5.9	58.4	41.6	31.6	1.8	60.2	6.9	46.6	69.3	0.67	3122	6470	5025
HUBNER H4763RC2P Brand Blend	115	5.7	60.1	39.9	35.2	2.3	57.2	8.5	41.0	65.7	0.67	3084	6124	4552

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

LATE SEASON

Cooperator: MIKE DESJARDINS
Trial Type: Market Development
Previous Crop: Corn-Silage
Trial County: Windham, Connecticut
Planting Date: May 27, 2020
Tillage Type: Minimum
Trial Name: US44 LAW CS MD 879557338372819
Harvest Date: Sep 24, 2020
Irrigation: No
Report Created: Nov 18, 2020
Planting Rate: 33,000 Seeds/Acre
Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H04G287 Brand Blend	104	29.3	65.7	34.3	28.6	2.8	59.5	8.7	50.6	67.2	0.79	3874	39679	26637
HUBNER H6624RCSS Brand Blend	112	33.9	62.7	37.3	34.8	2.3	58.4	8.8	38.7	67.5	0.7	3281	38961	27219
HUBNER H6663RCSS Brand Blend	113	40.1	59.7	40.3	32.7	3.0	58.9	9.0	43.1	66.8	0.7	3344	46986	35303
HUBNER H6867RCSS Brand Blend	116	29.2	62.0	38.0	35.0	3.4	54.3	10.8	38.0	67.0	0.7	3294	33614	23841
HUBNER H6456RCSS Brand Blend	109	37.9	60.8	39.2	37.7	3.6	60.0	10.7	36.6	68.1	0.69	3252	43143	31579
HUBNER H6755RCSS Brand Blend	114	36.2	62.5	37.5	37.0	2.5	57.7	9.0	38.4	66.7	0.68	3201	40603	28516
HUBNER H6890RCSS Brand Blend	117	36.3	63.6	36.4	38.3	2.8	56.7	9.9	36.1	67.3	0.68	3177	40310	27965
HUBNER H6763RCSS Brand Blend	115	31.8	58.6	41.4	35.3	2.4	59.7	8.6	41.7	66.5	0.67	3112	34652	26505
HUBNER H05G716 Brand Blend	105	32.6	59.0	41.0	33.1	2.4	57.4	8.5	43.1	66.9	0.67	3084	35208	26671
HUBNER H4304RC2P Brand Blend	103	30.8	56.8	43.2	31.1	2.0	60.7	7.2	45.7	66.1	0.66	3071	33053	26568
HUBNER H6390RCSS Brand Blend	108	41.5	55.8	44.2	34.3	3.1	59.7	9.7	41.0	67.9	0.66	3058	44370	35816
HUBNER H6541RCSS Brand Blend	115	43.0	58.0	42.0	35.0	2.2	62.0	7.9	41.2	67.6	0.66	3076	46274	35809
HUBNER H6321RCSS Brand Blend	109	35.6	55.3	44.7	33.8	2.2	60.7	7.8	43.2	63.9	0.64	2935	36559	29649
HUBNER H6563RCSS Brand Blend	111	31.0	56.4	43.6	35.9	2.4	59.8	8.6	41.8	66.1	0.64	2937	31867	25349
HUBNER H6692RCSS Brand Blend	112	32.6	55.9	44.1	33.6	2.3	58.5	8.2	44.1	66.3	0.64	2909	33210	27174
HUBNER H6368RCSS Brand Blend	105	38.2	55.2	44.8	32.4	2.2	55.7	8.1	43.0	66.5	0.63	2850	38112	31242

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: PSU AGRONOMY

Trial County: Chester, Pennsylvania

Trial Name: US44 LZ8 CS MD 879557874555930

Report Created: Nov 10, 2020

Trial Type: Market Development

Planting Date: May 15, 2020

Harvest Date: Aug 31, 2020

Planting Rate: 34,000 Seeds/Acre

Previous Crop: Corn-Silage

Tillage Type: Conservation: No-Till

Irrigation: No

Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6624RCSS Brand Blend	112	22.8	68.5	31.5	31.4	1.7	66.9	5.9	42.2	71.8	0.78	3869	30935	20090
HUBNER H6663RCSS Brand Blend	113	24.8	66.9	33.1	31.3	1.6	66.4	5.9	43.8	71.7	0.78	3866	33616	22230
HUBNER H6890RCSS Brand Blend	117	22.3	68.5	31.5	33.5	2.0	65.3	6.8	39.8	71.1	0.76	3761	29374	19279
HUBNER H6755RCSS Brand Blend	114	22.4	66.5	33.5	33.2	1.8	66.4	6.3	41.5	72.3	0.76	3742	29402	19742
HUBNER H6563RCSS Brand Blend	111	20.8	68.5	31.5	33.3	2.1	62.4	7.4	40.6	71.4	0.75	3648	26570	17337

LATE SEASON

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: PSU AGRONOMY
 Trial County: Lancaster, Pennsylvania
 Trial Name: US44 LZ8 CS MD 879557874556169
 Report Created: Nov 10, 2020
 Trial Type: Market Development
 Planting Date: May 18, 2020
 Harvest Date: Aug 9, 2020
 Planting Rate: 34,000 Seeds/Acre
 Previous Crop: Corn-Silage
 Tillage Type: Conservation: No-Till
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information			Energy From Fiber				Energy From Starch						
	RM	Silage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6663RCSS Brand Blend	113	23.6	64.8	35.2	34.7	2.4	58.8	8.7	37.5	69.9	0.71	3380	27954	18957
HUBNER H6755RCSS Brand Blend	114	23.4	67.3	32.7	38.6	2.9	56.1	10.6	32.9	70.7	0.7	3288	26895	17307
HUBNER H6624RCSS Brand Blend	112	22.5	62.9	37.1	35.0	2.4	57.3	8.7	37.5	68.8	0.69	3233	25411	17670
HUBNER H6563RCSS Brand Blend	111	22.8	63.5	36.5	34.0	2.4	55.2	9.0	37.7	69.2	0.69	3230	25767	17934
HUBNER H6890RCSS Brand Blend	117	23.8	64.3	35.7	36.1	2.7	55.0	9.7	37.3	68.8	0.69	3226	26827	18328

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: RICKI BASHORE
 Trial Country: Lebanon , Pennsylvania
 Trial Name: US44 L9K CS MD 879557655820234
 Report Created: Nov 10, 2020

Trial Type: Market Development
 Planting Date: May 20, 2020
 Harvest Date: Sep 11, 2020
 Planting Rate: 32,000 Seeds/Acre

Previous Crop: Soybeans
 Tillage Type: Minimum
 Irrigation: No
 Row Width: 30 Inches

Product	Harvest Information				Energy From Fiber				Energy From Starch					
	RM	Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton	Milk/Acre	Beef/Acre
HUBNER H6663RCSS Brand Blend	113	37.5	63.7	36.3	30.4	2.5	64.7	7.3	44.7	70.8	0.77	3780	49579	34689
HUBNER H4755RC2P Brand Blend	114	31.7	67.3	32.8	35.0	2.1	62.5	7.0	39.2	70.0	0.75	3633	40278	26390
HUBNER H4744RC2P Brand Blend	113	32.9	64.4	35.6	31.1	1.8	62.5	6.1	43.0	68.4	0.74	3605	41482	28404
HUBNER H13G513 Brand Blend	113	36.0	63.9	36.1	31.8	2.8	59.6	8.1	41.8	69.5	0.74	3564	44885	31088
HUBNER H6692RCSS Brand Blend	112	31.0	60.4	39.6	29.1	2.3	62.2	6.7	46.5	70.1	0.73	3516	38133	28206
HUBNER H12G624 Brand Blend	112	33.2	64.4	35.6	33.2	2.1	60.2	7.2	41.5	69.2	0.72	3422	39746	27135
HUBNER H4563RC2P Brand Blend	111	35.2	59.4	40.6	34.3	1.9	63.3	6.5	43.4	68.5	0.69	3256	40144	30434

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Cooperator: SAMUEL CONLEY
Trial Type: Market Development
Previous Crop: Soybeans
Trial County: Lancaster, Pennsylvania
Planting Date: May 13, 2020
Tillage Type: Conservation: No-Till
Trial Name: US44 L9K CS MD 879557564142567
Harvest Date: Sep 2, 2020
Report Created: Nov 10, 2020
Planting Rate: 32,000 Seeds/Acre
Irrigation: No
Row Width: 30 Inches

Product	RM	Harvest Information			Energy From Fiber				Energy From Starch				Milk/Acre	Beef/Acre
		Stilage Yield	% Moisture	% Dry Matter	% Neutral Detergent Fiber - Organic Matter	Lignin% DM	NDFD 30hr % of NDF	uNDF 240hr. %DM	% Starch	IVSD 7hr (4mm) % of Starch	NEL (Mcal/lb)	Corn Sil. Milk/Ton		
HUBNER H4828RC2P Brand Blend	116	32.1	62.4	37.6	30.8	2.5	65.8	7.3	41.0	68.9	0.75	3686	41431	29728
HUBNER H13G513 Brand Blend	113	33.0	65.9	34.1	29.8	1.9	61.0	6.4	43.3	70.0	0.75	3628	41880	27986
HUBNER H4755RC2P Brand Blend	114	35.3	63.5	36.5	31.4	1.9	62.3	7.1	43.8	69.7	0.73	3543	43778	30501
HUBNER H6541RCSS Brand Blend	115	31.8	62.7	37.3	30.2	1.7	64.1	5.8	45.9	68.4	0.73	3535	39385	27993
HUBNER H4692RC2P Brand Blend	112	37.0	60.6	39.4	29.0	2.2	61.2	7.2	45.0	71.6	0.73	3507	45389	33089
HUBNER H6410RCSS Brand Blend	109	32.7	61.7	38.3	31.2	1.9	65.3	6.5	42.9	67.1	0.72	3469	39706	28759
HUBNER H4763RC2P Brand Blend	115	38.0	62.9	37.1	33.0	2.1	60.6	7.6	41.3	67.9	0.71	3391	45130	31679
HUBNER H4663RC2P Brand Blend	113	31.5	65.4	34.6	38.0	2.8	56.9	9.9	39.2	69.2	0.7	3320	36589	24290

All yield values are adjusted to 65.0% moisture. Gross revenue is calculated based on selling price of \$35.00 per ton. NDFD is neutral detergent fiber digestibility reported as percentage of neutral detergent fiber. NEL-SS is net energy for lactation calculated according to Shaver and Schwab. IVSD 7hr is in vitro starch digestibility reported as percent of starch. uNDF is undigested neutral detergent fiber reported as a percent of dry matter. Unit of Measure: Silage Yield (tons per acre), NEL-SS (mcal per pound), Milk Quality Index (pounds per ton), Milk Yield (pounds per acre), Beef Yield (pounds per acre). Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.



— 2020 —
**SCATTER PLOT
REPORTS**



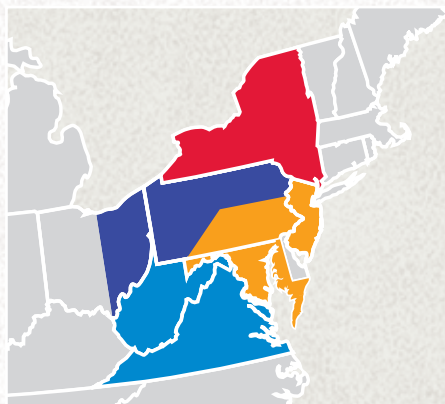
HOW TO READ THE SCATTER PLOTS

On the following pages, we have provided a series of scatter plots (% Starch vs. %NDFd30, % Starch vs. % Starch Digestibility and Milk/ton vs. uNDF240%DM) for certain Hubner Seed™ products to help us evaluate where they may fit within your personal dairy feeding scenario.

- % Starch vs. %NDFd30** is the comparison of how high the starch component is to how high the fiber digestibility is in 30 hours. Having a high starch and high fiber digestibility offers the advantage of reducing the amount of grain corn you need to feed, along with increasing the amount of forage. This provides you with an opportunity for higher profitability. The Milk Max Zone in the top right-hand quadrant represents this quality.
- % Starch vs. % Starch Digestibility** is the comparison of the percentage of starch in the complete forage sample to how digestible the starch is in the first seven hours of ingestion in the cow. Samples showing very high starch digestibility will appear in the two upper quadrants of the scatter plots, which means those corn products have softer kernel texture and will make excellent silage and high-moisture corn. The Milk Max Zone is identified as the upper right quadrant.
- Milk/ton vs. uNDF240** Academia showing that a lower uNDF240 is an indicator of silage quality by how much corn silage is left in the rumen after 240 hours. The standard is to have 8-14% uNDF240 in your corn silage. Comparing this number with Milk/ton which is a energy indicator of quality silage analyzing both fiber digestibility and starch, will show the consumer that a product with a low uNDF240 and a high Milk/ton shows that corn silage product is providing energy from both the stover (fiber digestibility) and starch (grain).

Region	Symbol	Farm Name
1	★	DALE SHAUM
1	★	DAN ROBINSON
1	★	DRY CREEK FARM
1	★	FORGY'S DAIRY
1	★	GALEN GROFF
1	★	MARVIN ZOOK
1	★	STEVE GERBER
2	▲	BROUGHTON DIVERSIFIED
2	▲	CREEK ACRES FARM
2	▲	DAN GILLETTE
2	▲	DAVE FONTAINE
2	▲	DAVE VAUGHAN
2	▲	EARL NOLT
2	▲	JAMES KINGSTON
2	▲	JAMES ZIMMERMAN
2	▲	JERAMIE HURLBUT
2	▲	JOHN OSBORNE
2	▲	MIKE DESJARDINS
2	▲	PATRICK HOURIGAN
2	▲	R&D CROWELL
2	▲	ROD ACOMB
2	▲	RYAN PLOETZ
2	▲	WENDELS POULTRY FARM

Region	Symbol	Farm Name
2	▲	WILEAN FARMS
2	▲	WILLARD FARMS
3	●	JAY GARBER
3	●	JONATHAN MARTIN
3	●	KEVIN STAHL
3	●	MERLE STOLTZFUS
3	●	NEW DESIGN ACRES
3	●	PSU AGRONOMY
3	●	RICKI BASHORE
3	●	SAMUEL CONLEY
4	■	BRENT MARTIN
4	■	ERICK WATKINS
4	■	HOWARD FARMS
4	■	LAZY CREEK FARMS
4	■	VIRGINIA TECH



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4

FIELD FITSM

from HUBNER SEED

PROVEN BY OUR PARTNERS ON

EASTERN FARMS

Only the best products for eastern fields make it into the Hubner Seed™ lineup. How? Through the Field FitSM agronomy program, which proves the performance of industry-leading technology through local testing in partnership with real farmers.

- Farmers from across the Northeast plant products that have been vetted through a careful review and selection process.
- We connect them with outstanding genetics, seed treatments and technology based on our knowledge of eastern fields.
- Then, we evaluate these products at key times throughout the growing season for their ability to produce strong, consistent yields.
- Finally, we add only the strongest products to our lineup.



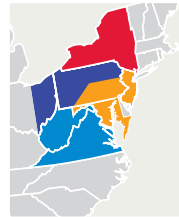
BRAND BLEND

H6007RCSS | H4007RC2P — 90 Day Maturity | 5% RIB

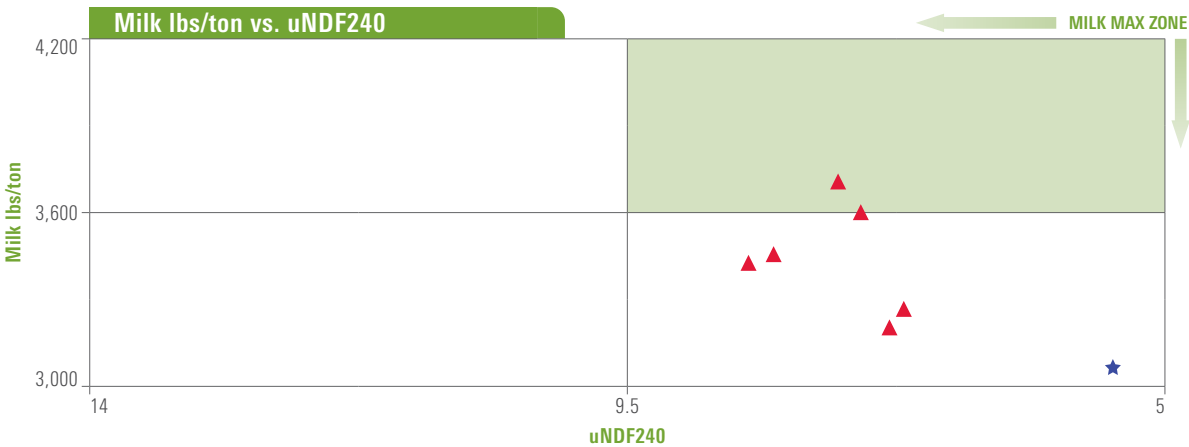
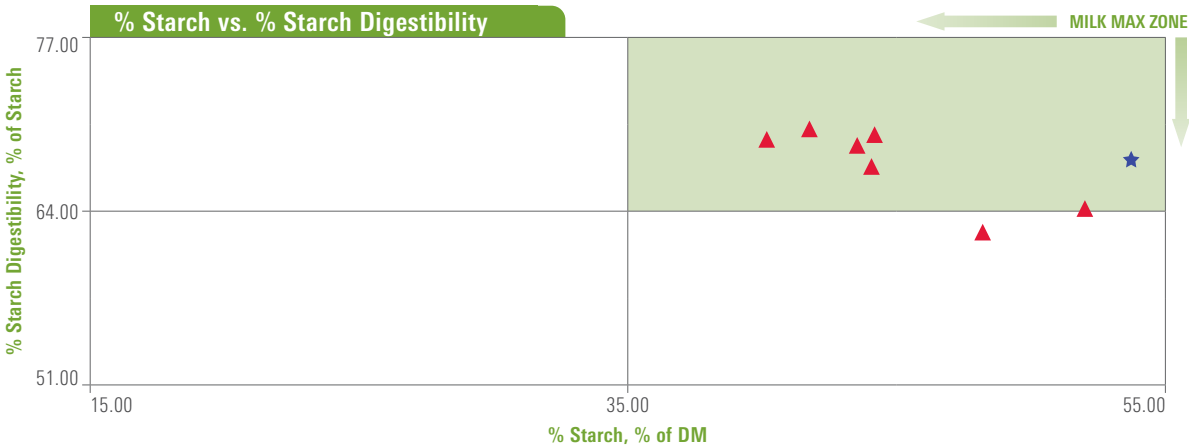
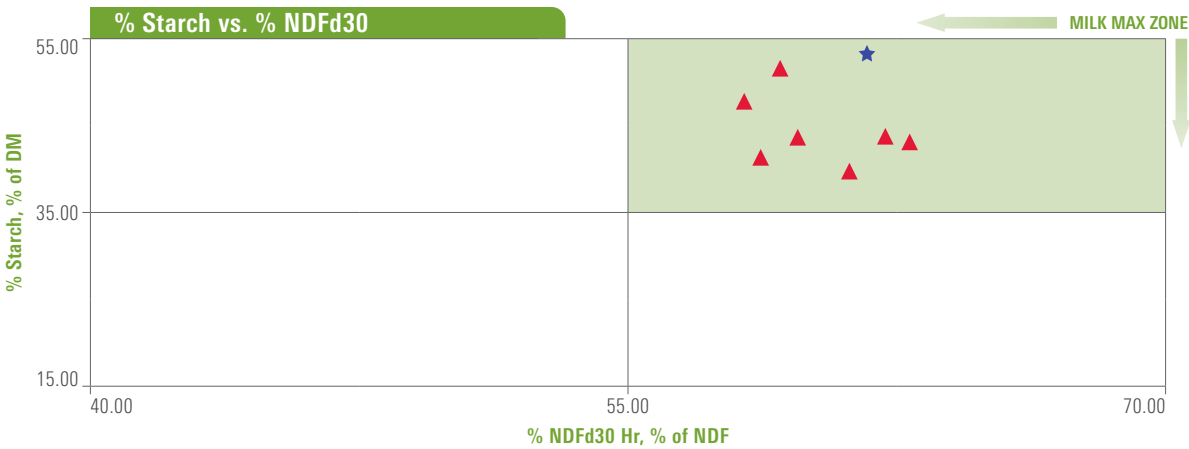


Features:

- New early product that has excellent forage quality
- Higher starch and great NDFD30
- Works well on most ground



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



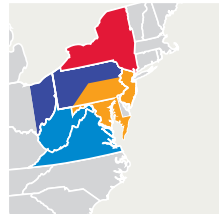
BRAND BLEND

H6107RCSS — 97 Day Maturity | 5% RIB

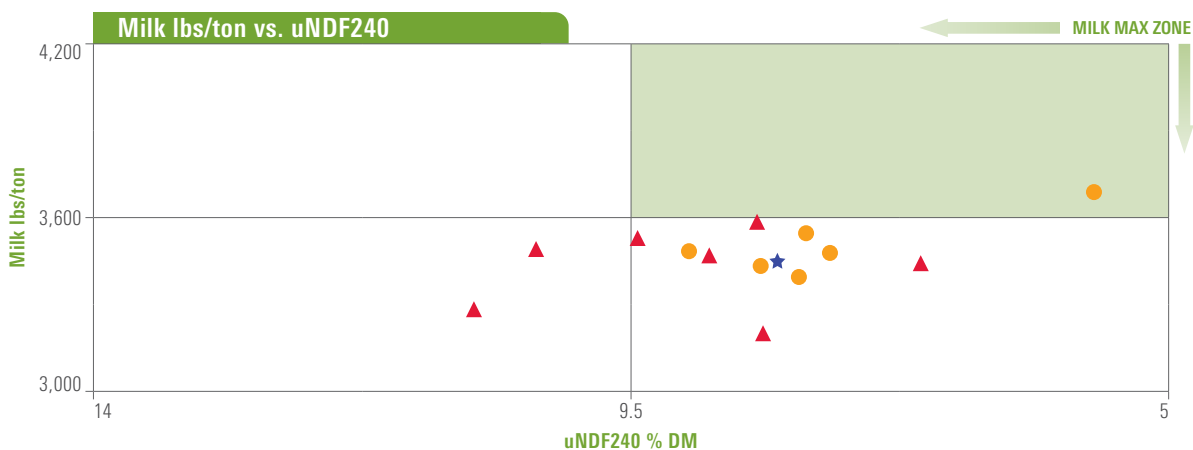
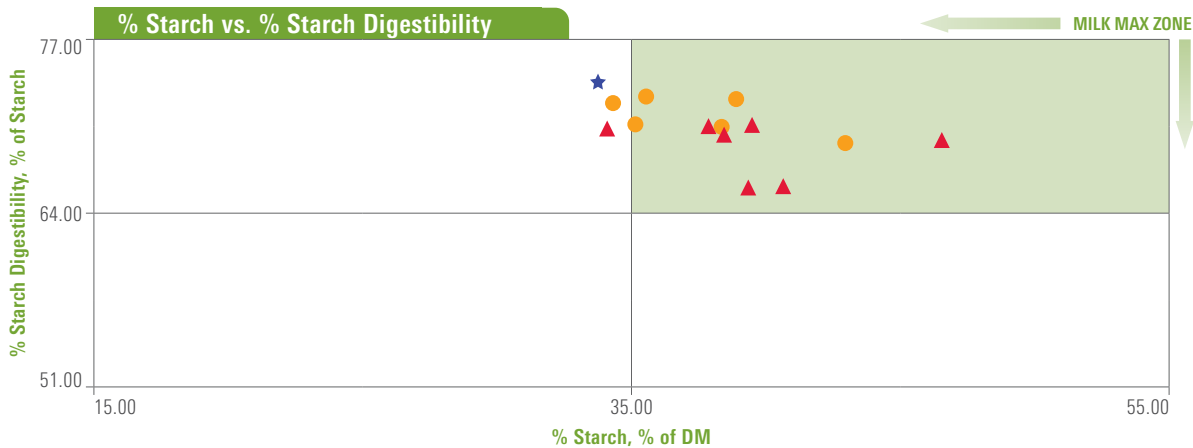
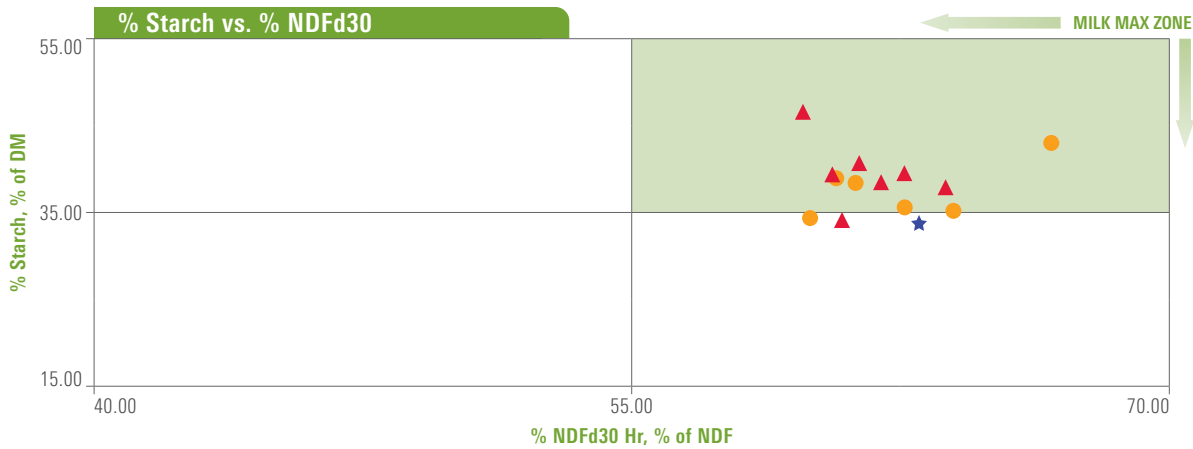


Features:

- 97 day silage product with high fiber digestibility
- Healthy, robust product
- Starch averages about 38%
- Companion with H6134RCSS Brand Blend



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



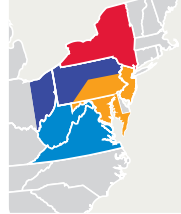
BRAND BLEND

H4114RC2P — 97 Day Maturity | 5% RIB

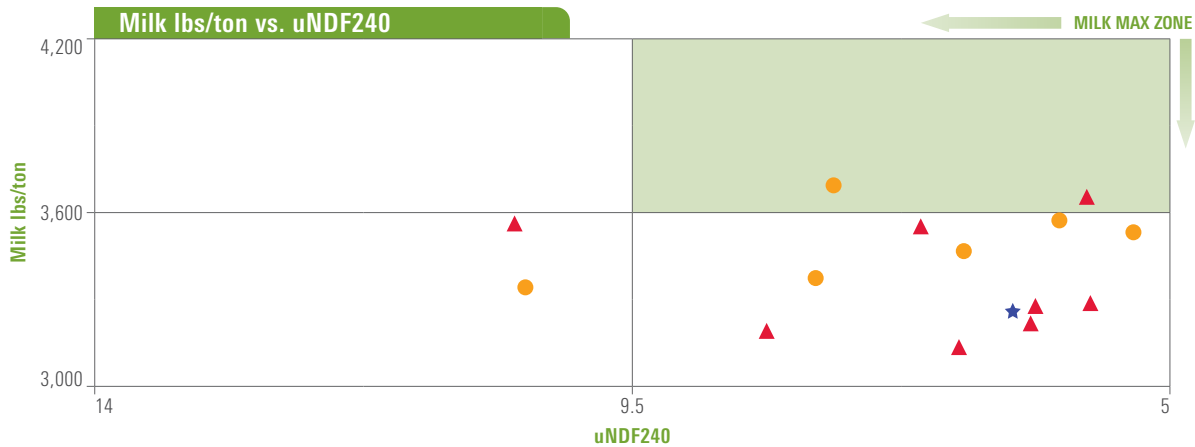
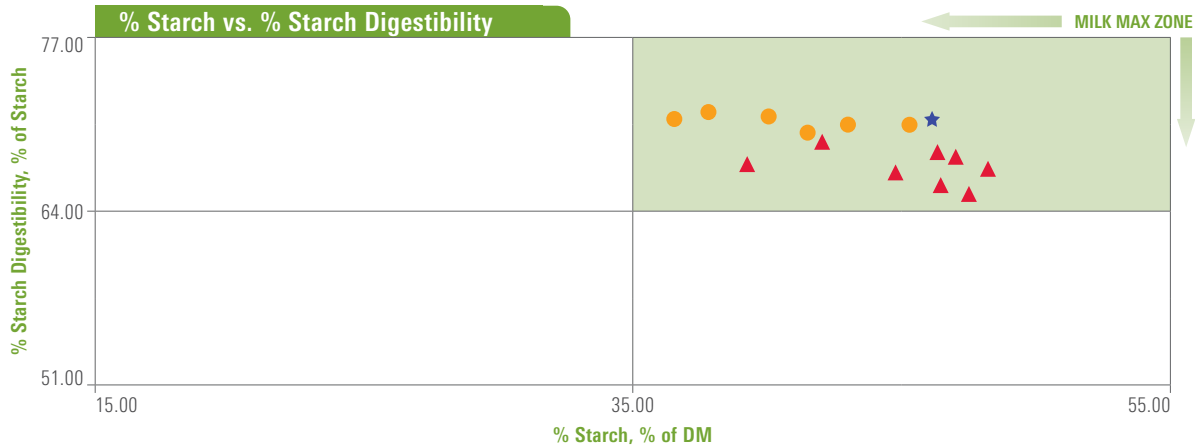
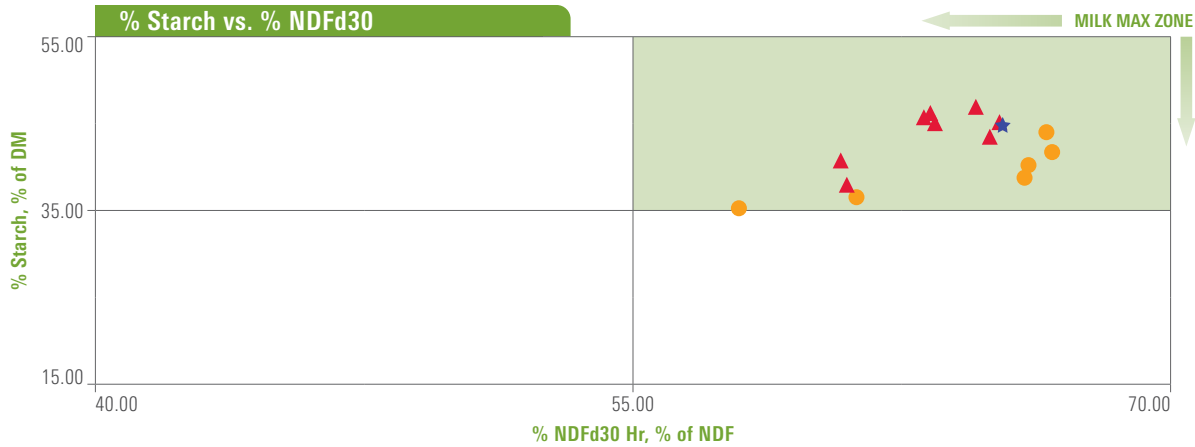


Features:

- Strong emergence and early growth
- Outstanding NDFD30 with low uNDF240 quality numbers
- A new product for the very high producing dairy cow



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



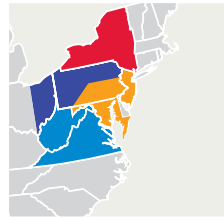
BRAND BLEND

H98DT06 — 98 Day Maturity | 5% RIB

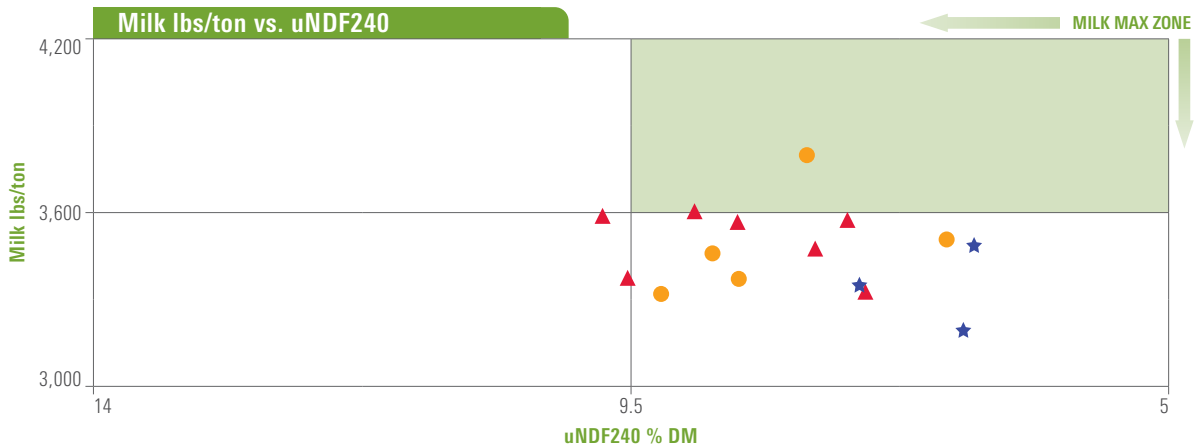
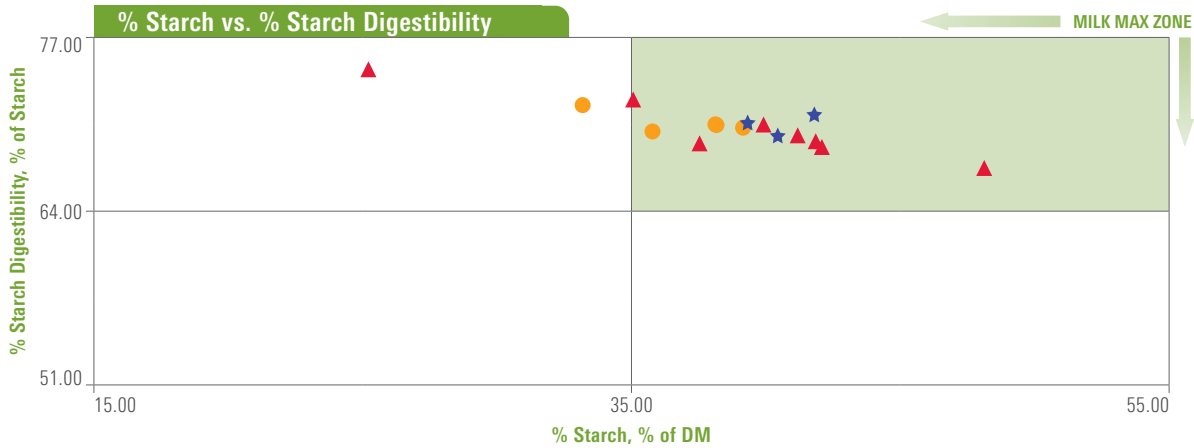
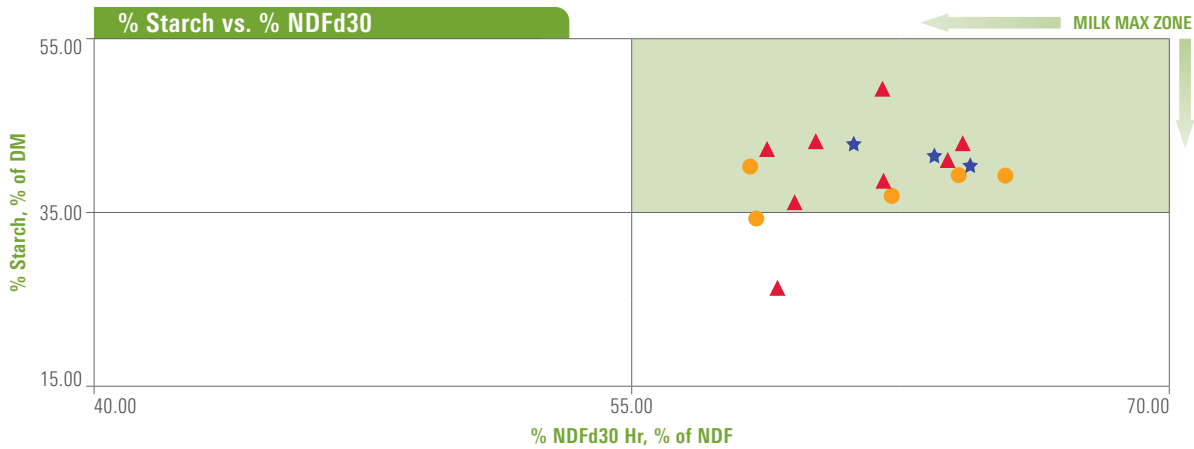


Features:

- This new, robust 98 day product is stacked with the Trecepta trait
- Three modes of action to help protect against above ground insects including western bean cutworm, corn earworm, fall armyworm, black cutworm, and corn borer



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



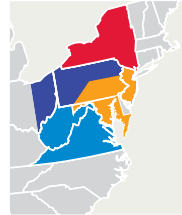
BRAND BLEND

H6358RCSS | 103 Day Maturity | 5% RIB

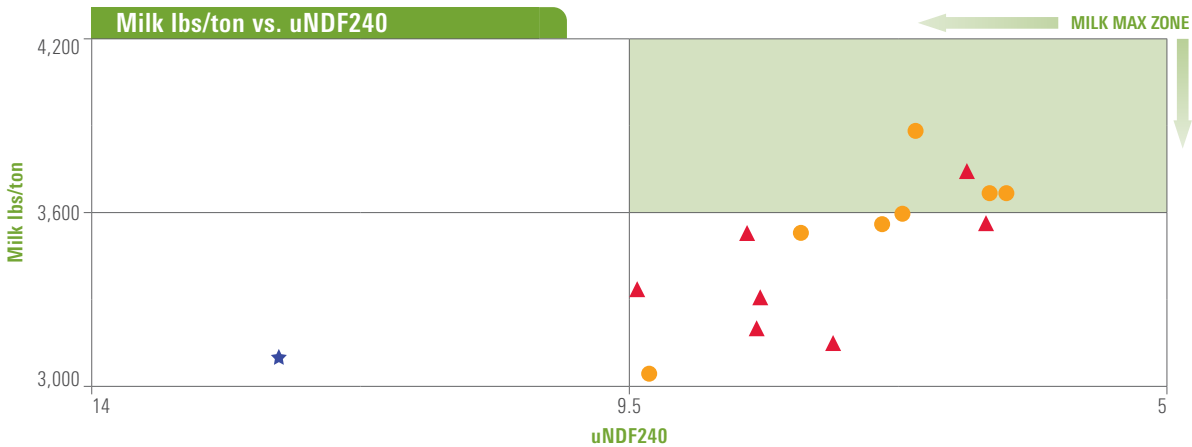
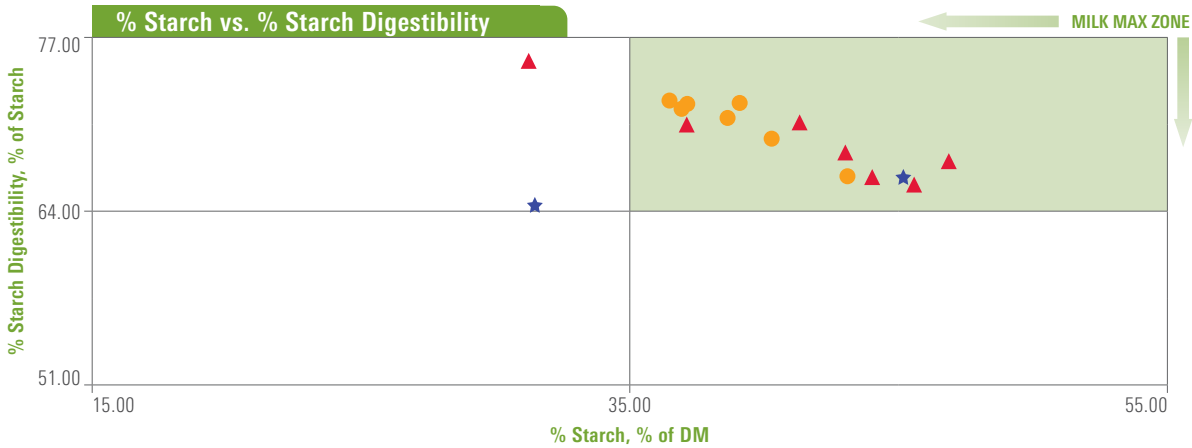
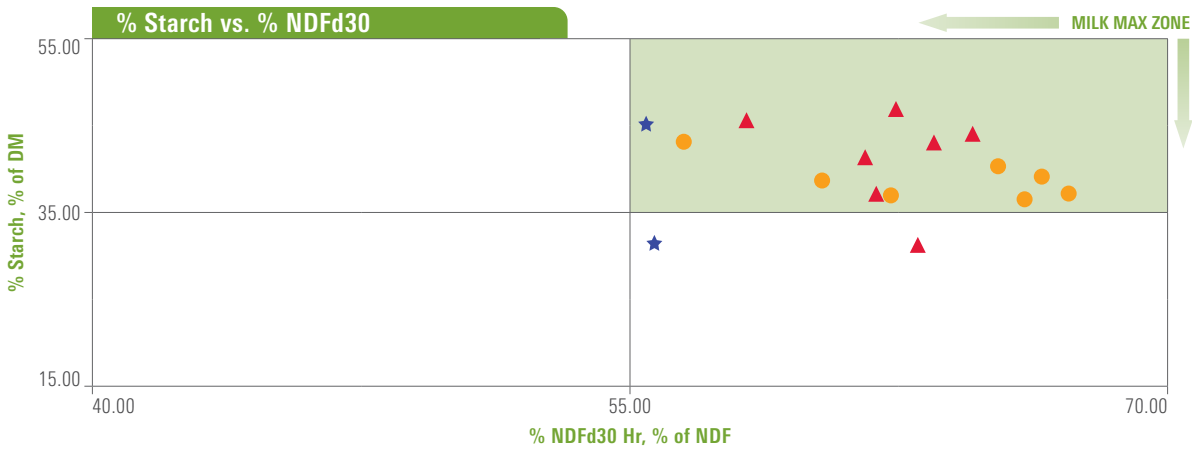


Features:

- A new 103 day product that offers a corn silage package with exceptional yield along with tremendous fiber digestibility, and strong agronomics



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



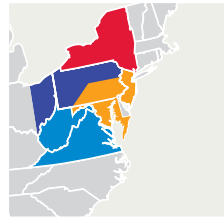
BRAND BLEND

H13G513 ——— 113 Day Maturity | 5% RIB

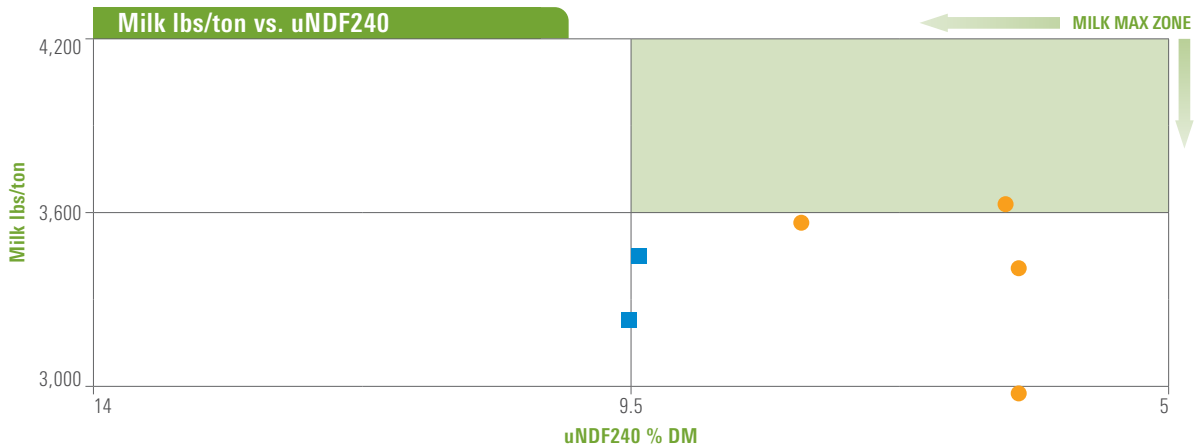
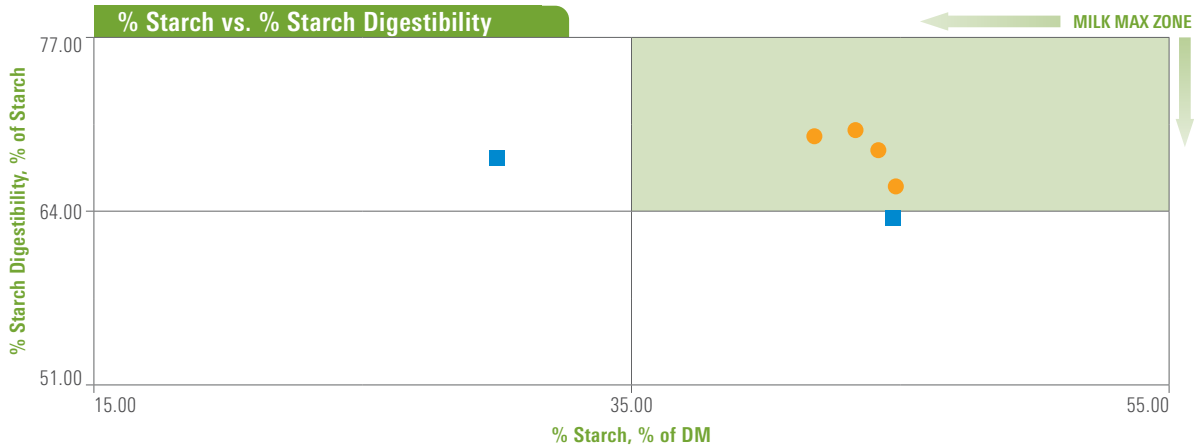
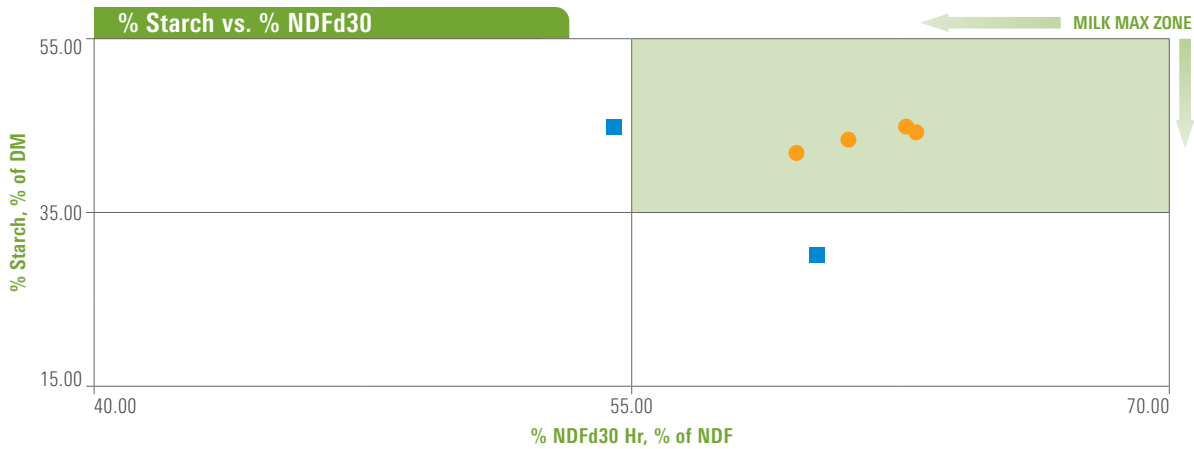


Features:

- New 113 day DroughtGard® Hybrids product that has shown two years of outstanding quality and yield
- Companion product for H6755RCSS Brand Blend and H6663RCSS Brand Blend



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



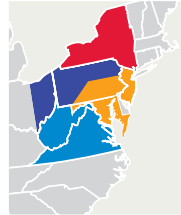
BRAND BLEND

H4003RC2P — 79 Day Maturity | 5% RIB

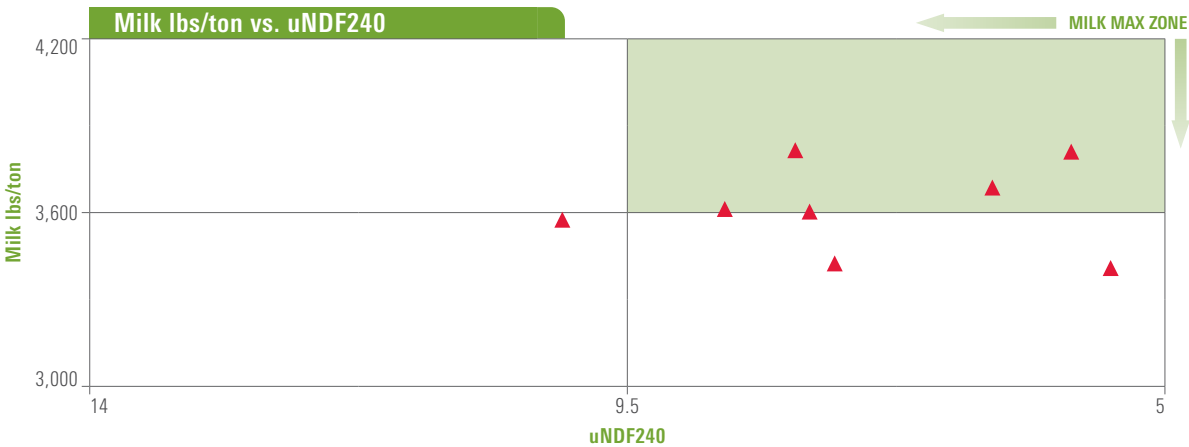
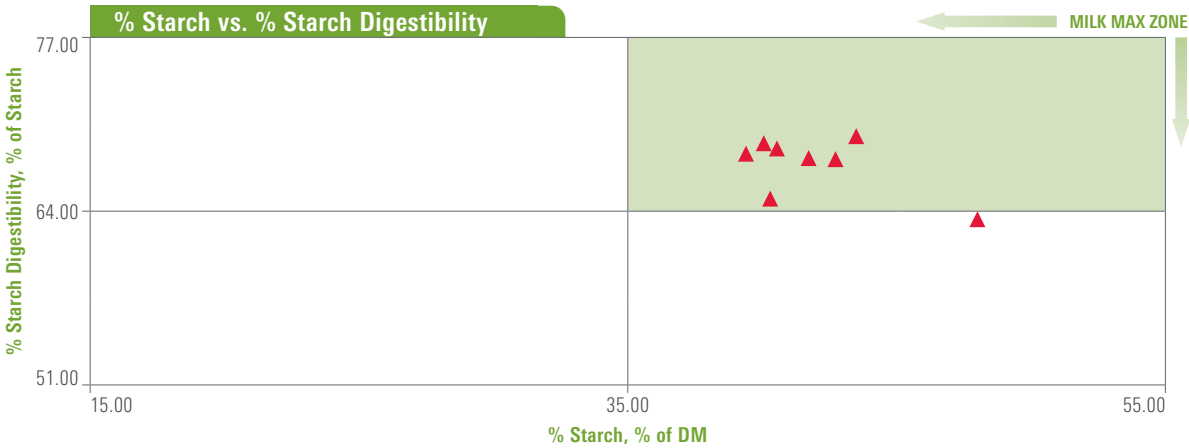
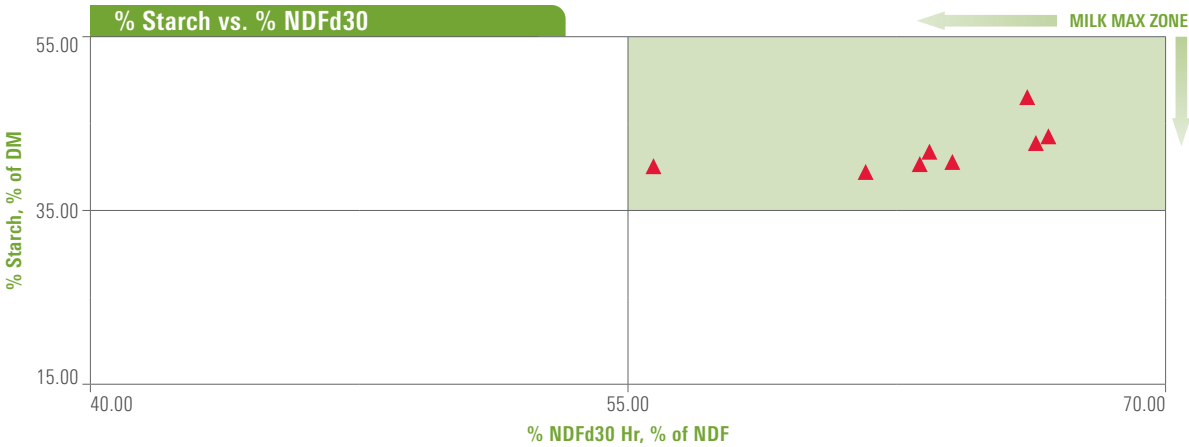


Features:

- 79 day product that fits the northern geographies
- Excellent nutritional quality with very high NDFD30 and high starch for an early product
- Agonomically strong with excellent emergence



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

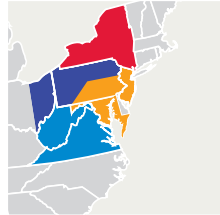
BRAND BLEND

H4094RC2P — 84 Day Maturity | 5% RIB

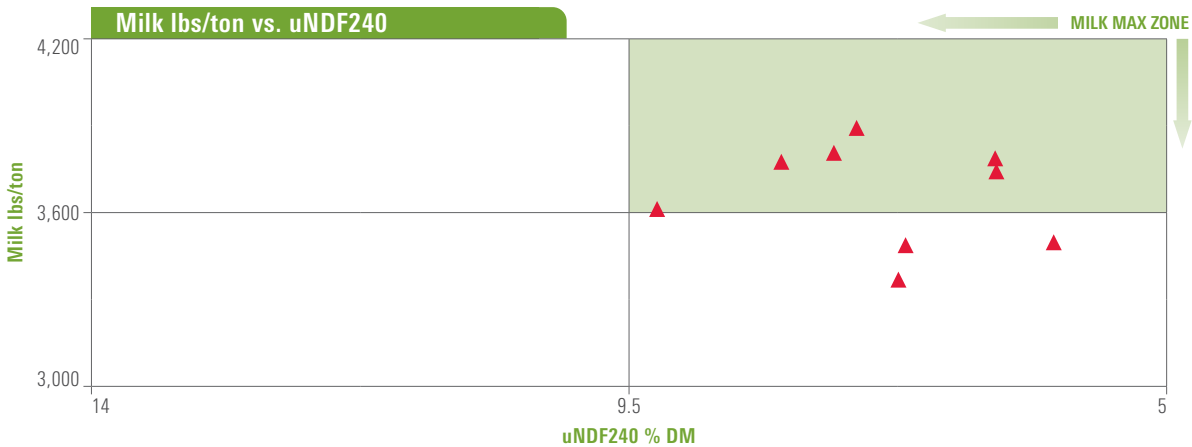
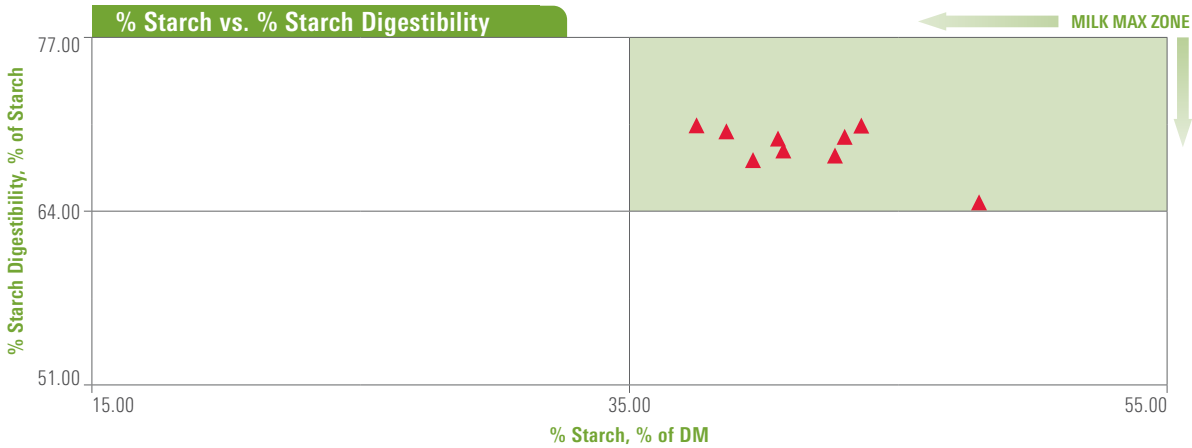
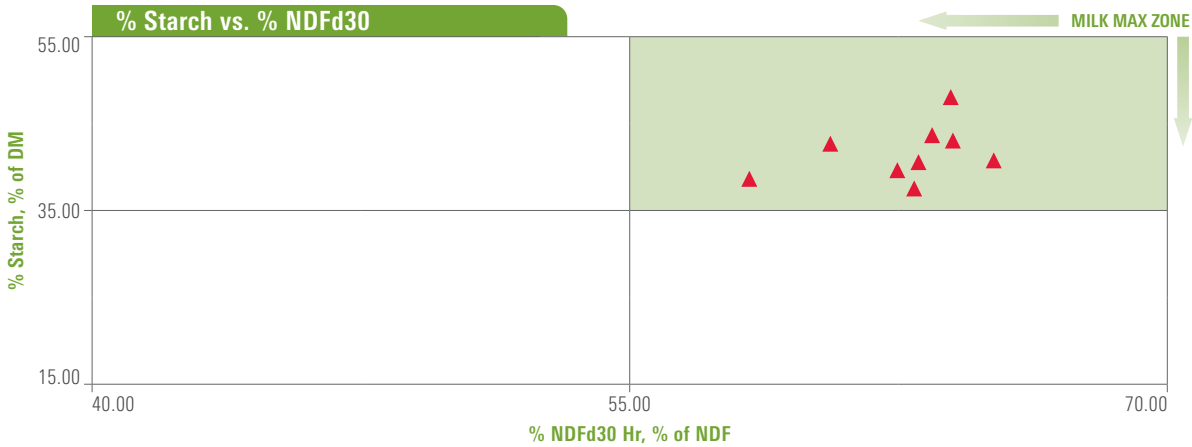


Features:

- This product has potential for high yield and fiber digestibility
- Featured as a complete, dual-purpose product
- Similar product available as Conventional H2094 brand



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



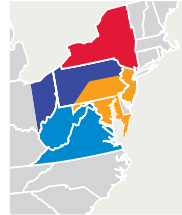
BRAND BLEND

H4062RC2P ——— 86 Day Maturity | 5% RIB

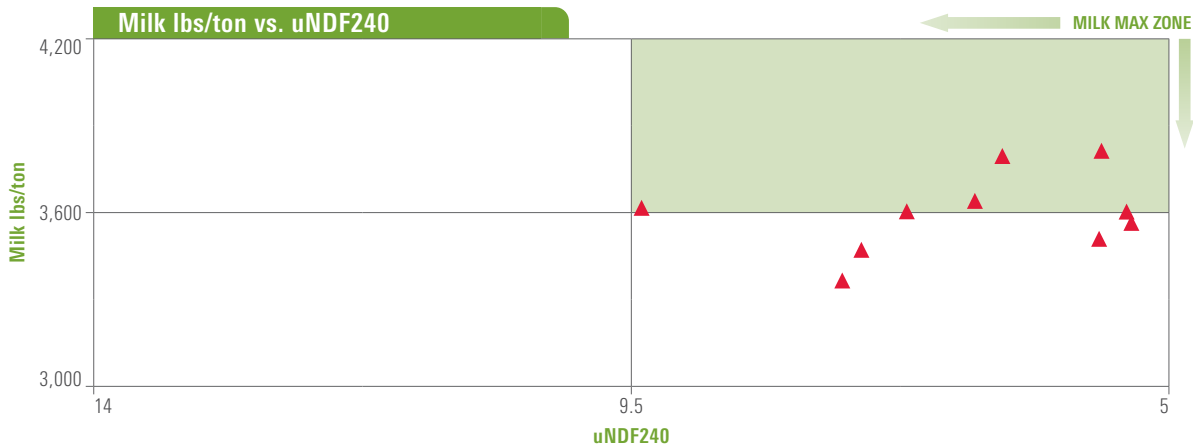
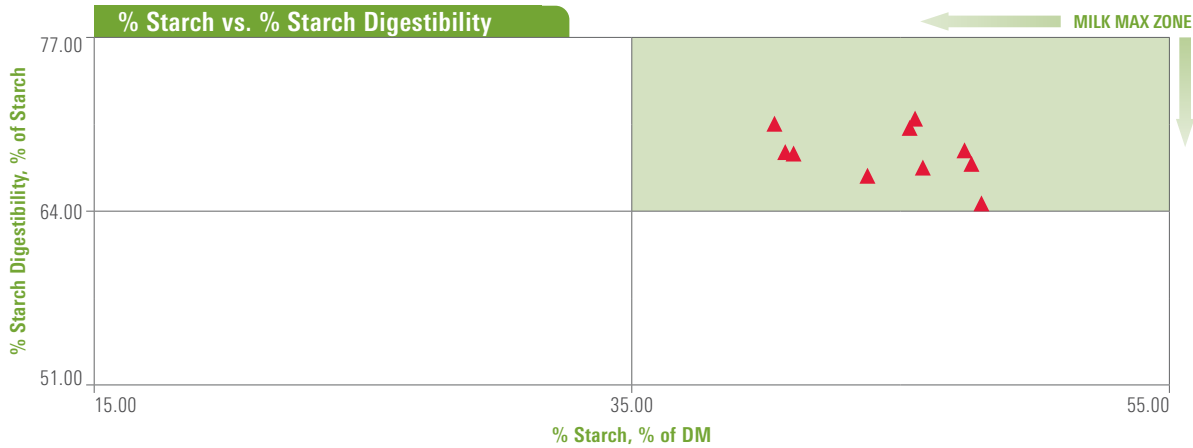
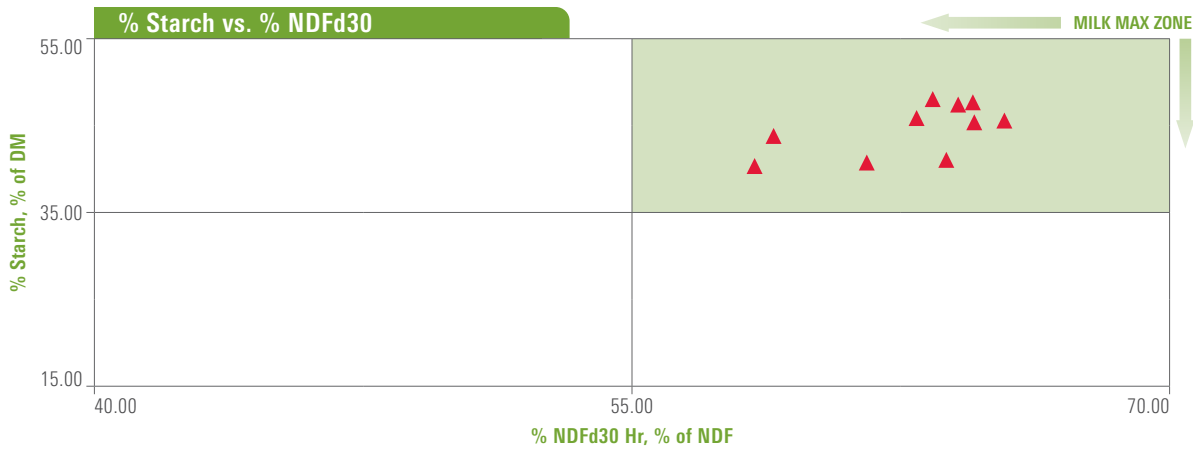
Features:



- High-starch silage product with above-average fiber digestibility
- Good standability allows for longer harvest window, making this a true dual-purpose product
- Strong early emergence makes it ideal for early planting and heavier soils
- Similar product available as H3062RR



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

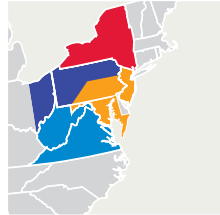
BRAND BLEND

H6053RCSS — 87 Day Maturity | 5% RIB

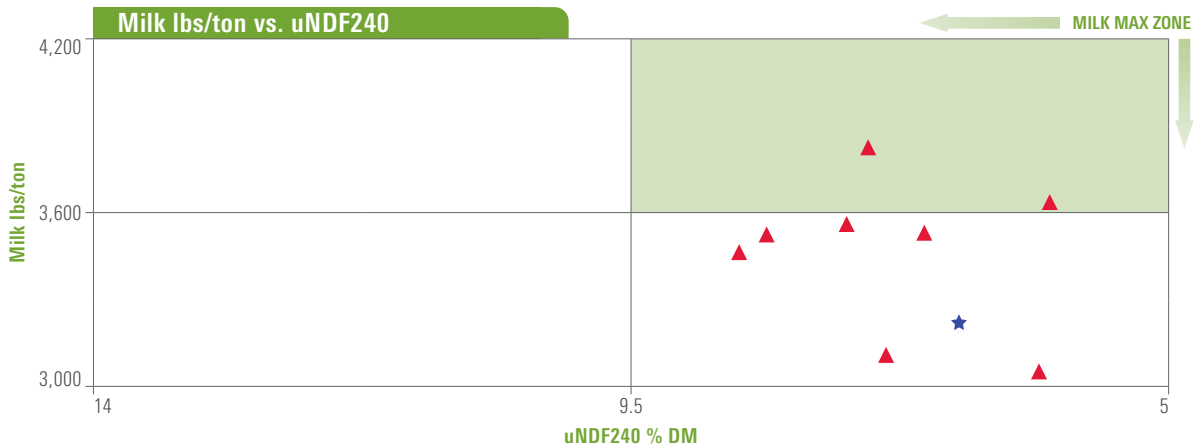
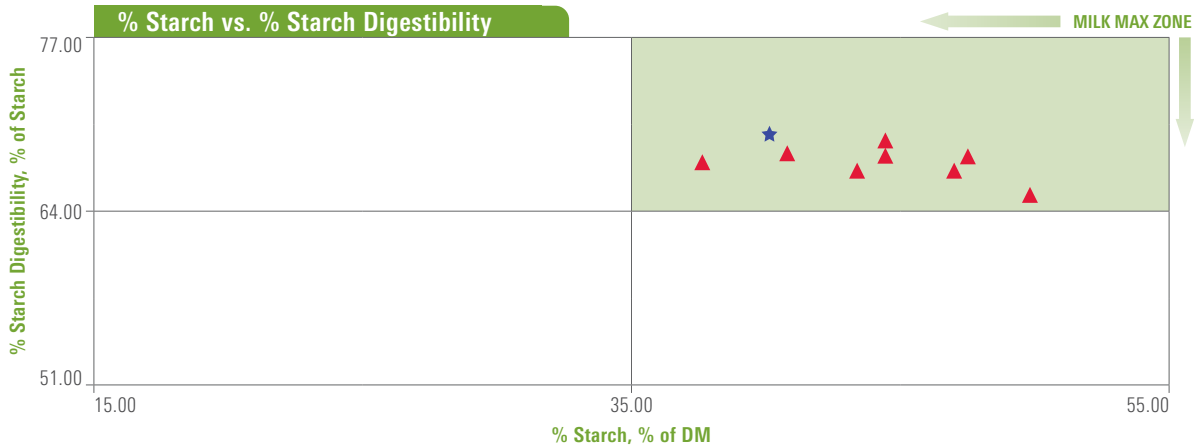
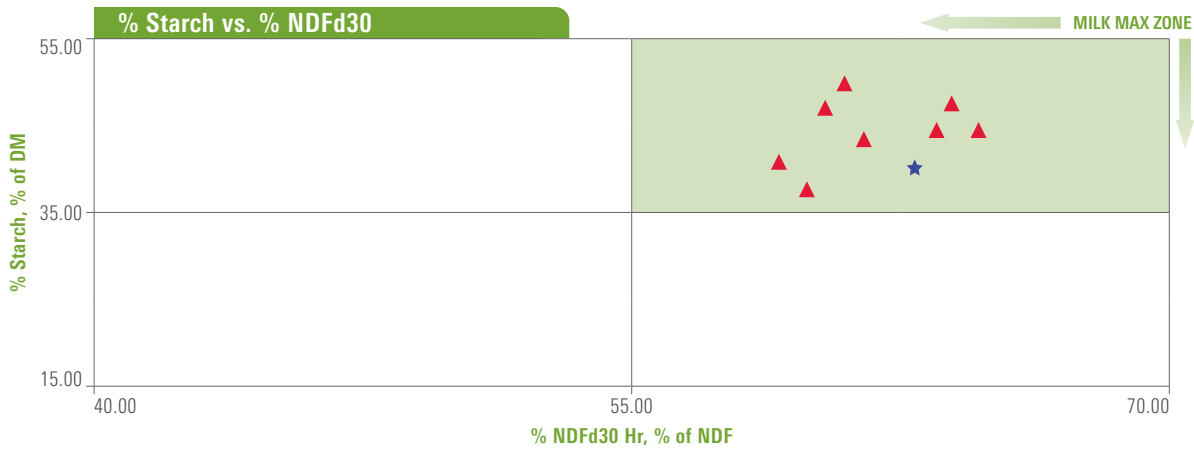


Features:

- Robust, healthy product with a very high NDFd30 and starch ratings and low uNDF240
- Outstanding to pair with H6038RCSS brand blend
- Strong agronomics, including emergence and early vigor to help establish stand in colder soils
- Similar product available as Conventional H2053 brand



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



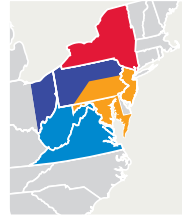
BRAND BLEND

H6038RCSS | H4038RC2P — 89 Day Maturity | 5% RIB

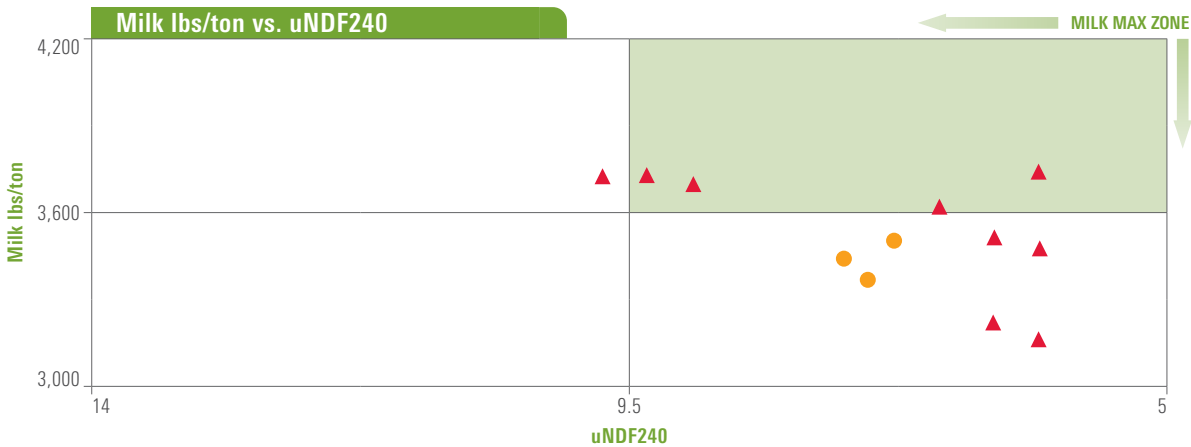
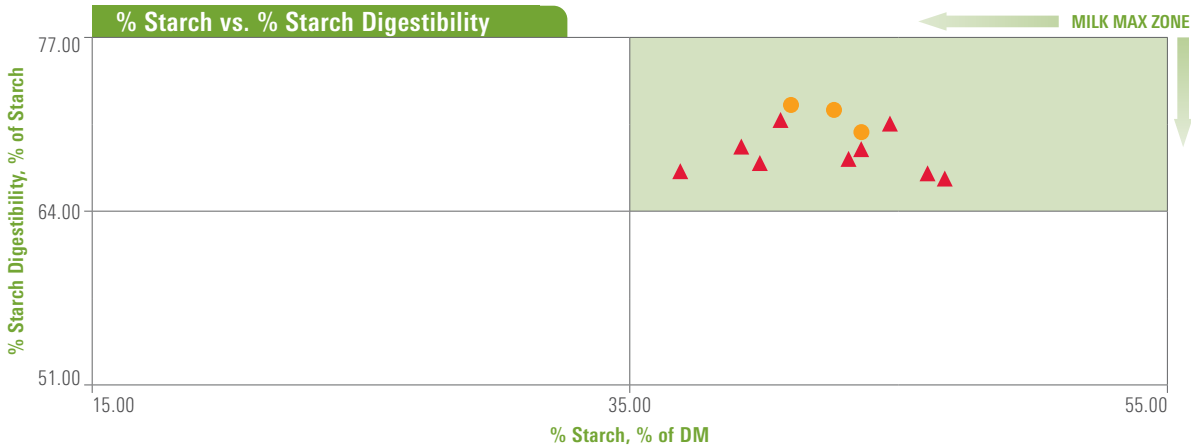
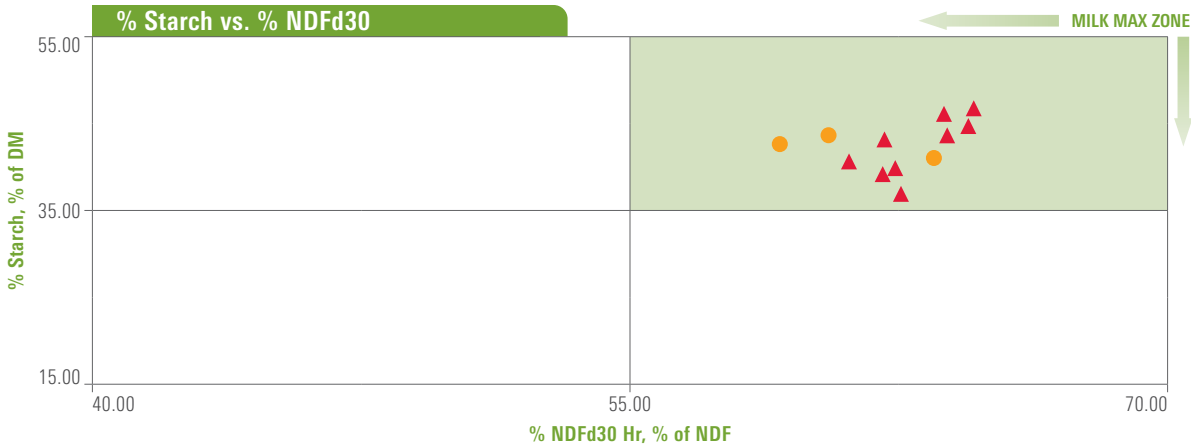


Features:

- High fiber digestibility, large ears, high starch and low uNDF240 bring high-quality feed to the dairy cow
- Strong agronomics, including emergence and early seedling vigor to help establish stand in colder soils



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

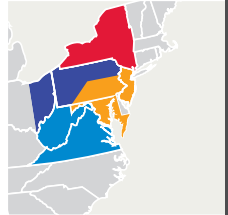
BRAND BLEND

H4099RC2P ——— 92 Day Maturity | 5% RIB

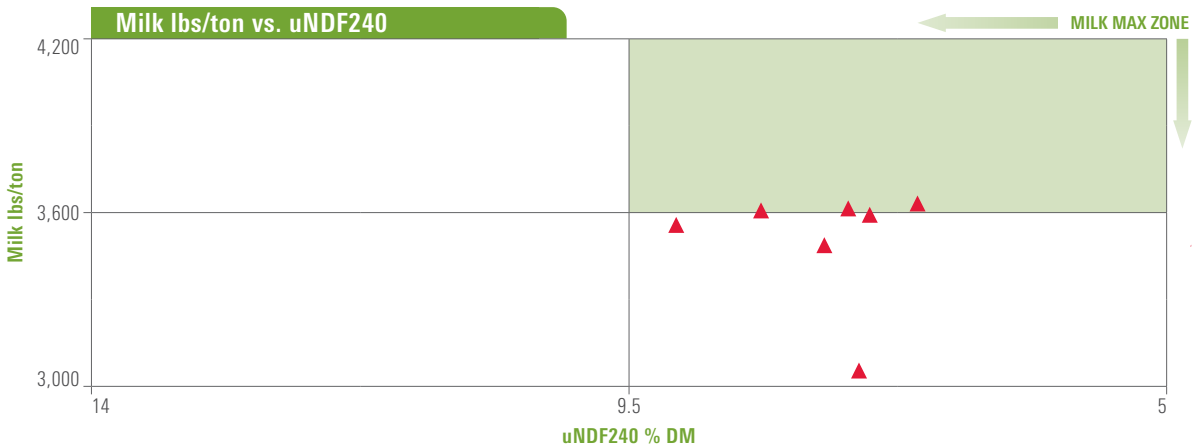
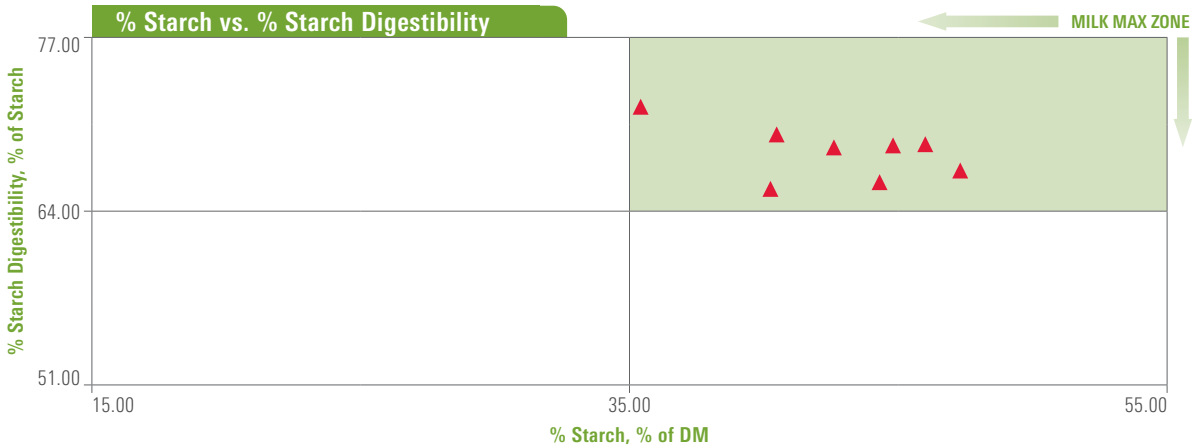
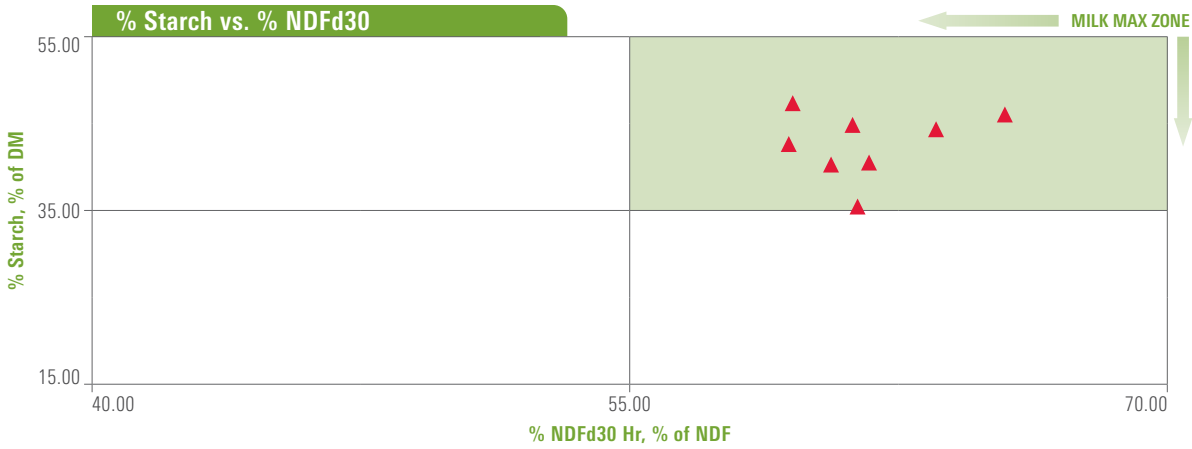


Features:

- Silage product that can perform well on most soil types
- Tall, green workhorse product
- Can make excellent high-moisture shell corn and high-quality silage



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



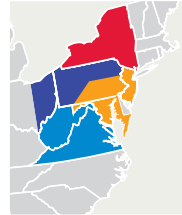
BRAND BLEND

H6157RCSS | H4157RC2P — 94 Day Maturity | 5% RIB

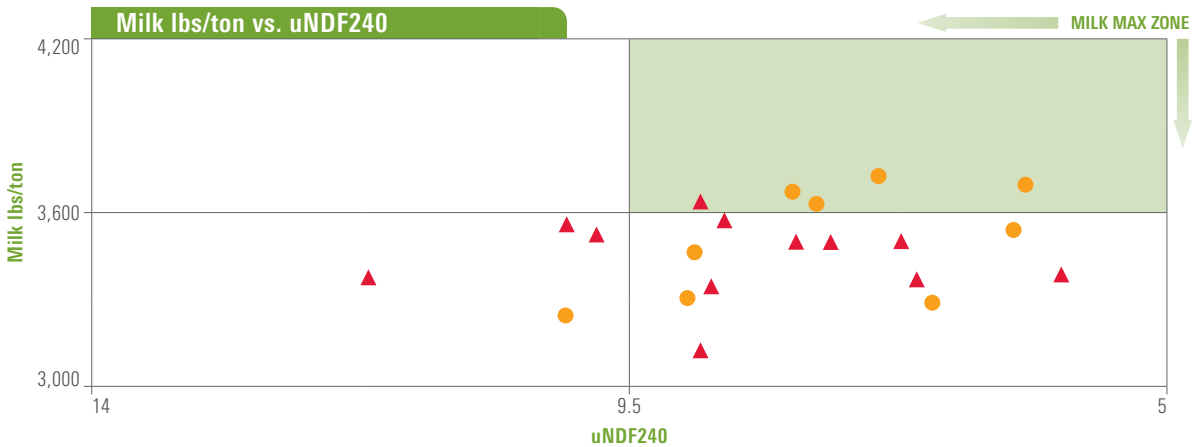
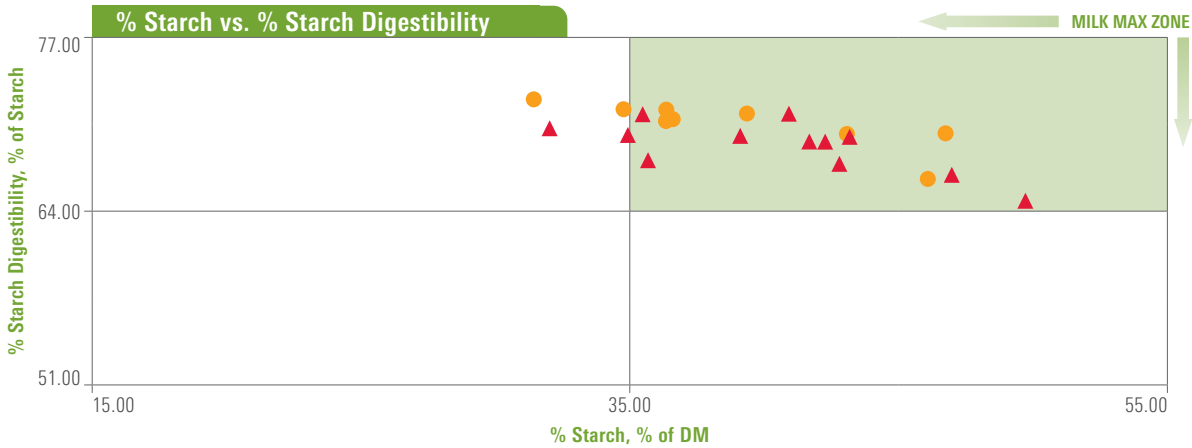
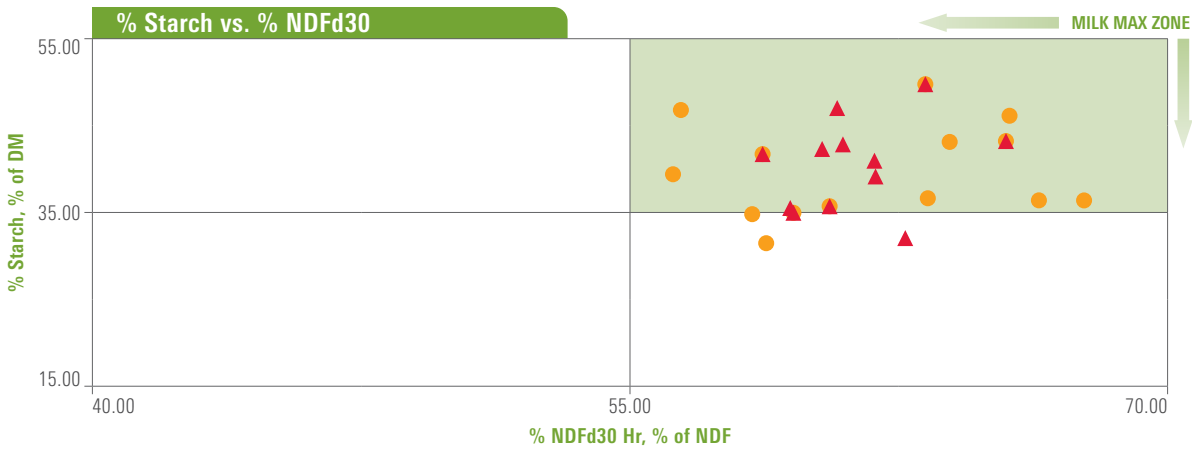


Features:

- Excellent yield potential product for both high-moisture shell corn and silage
- Extremely high starch rating and in-vitro starch digestibility of 7 hours rating for these genetics



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

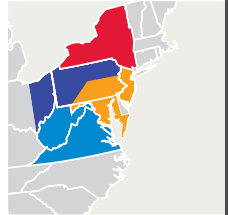
BRAND BLEND

H6124RCSS | H4124RC2P — 96 Day Maturity | 5% RIB

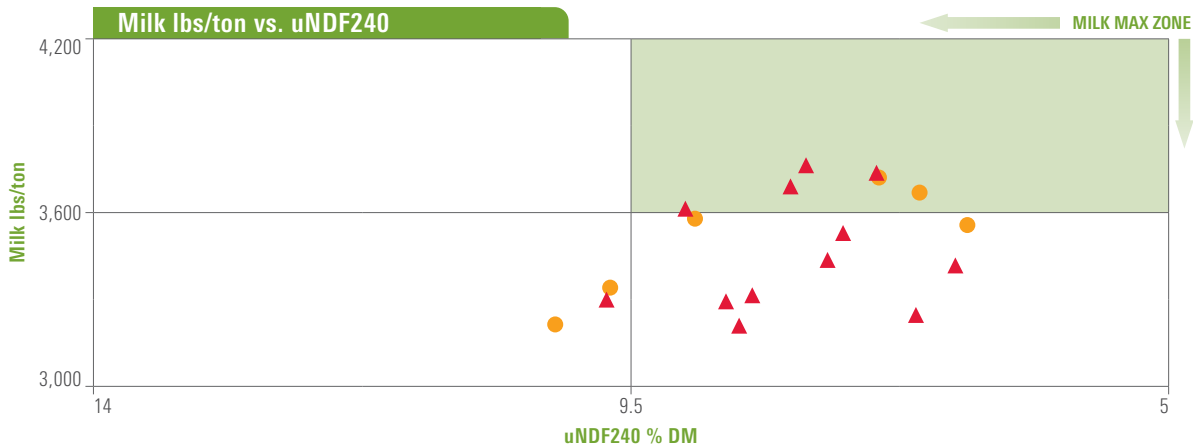
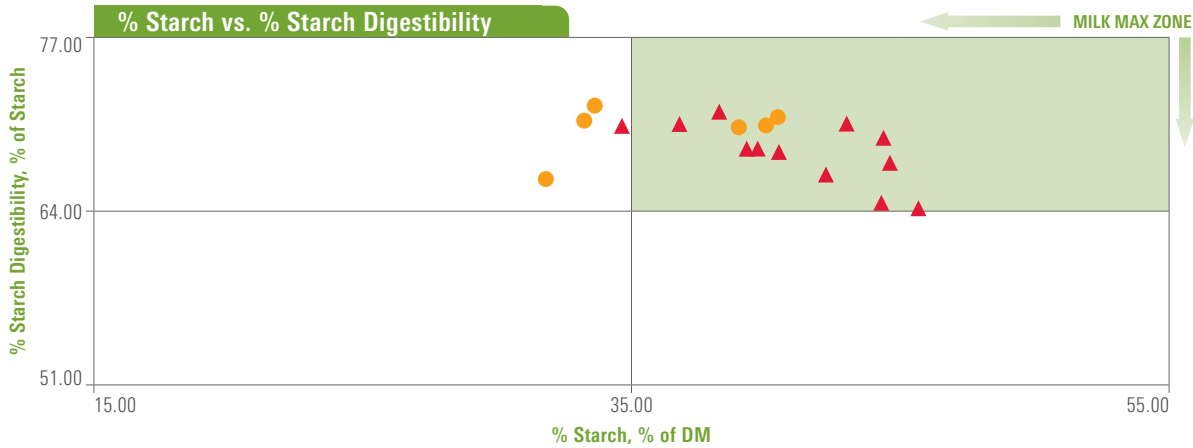
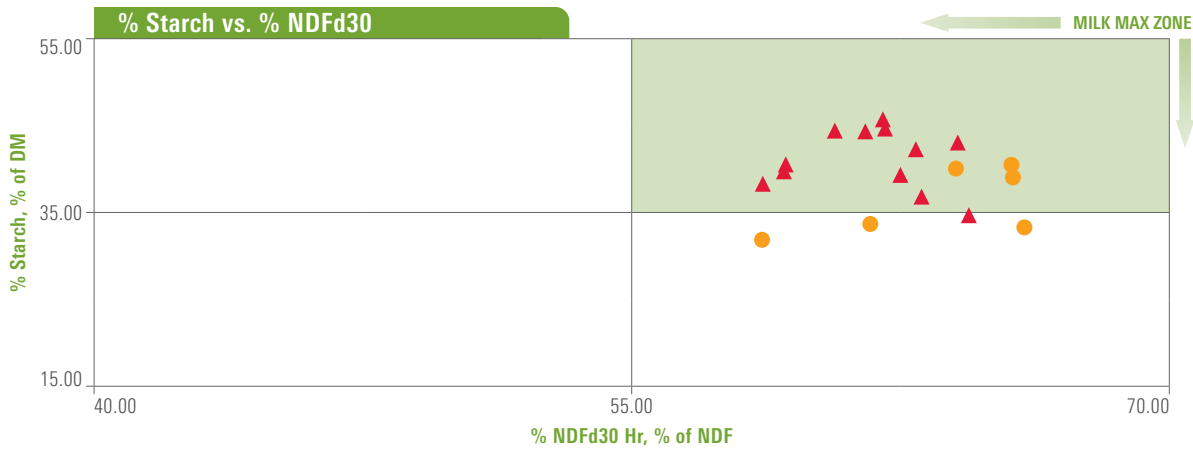


Features:

- An exciting Milk Max Registered product that brings more health, higher fiber digestibility, starch and higher starch digestibility than our other comparable relative maturity products
- Similar product available as Conventional H3124 brand



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



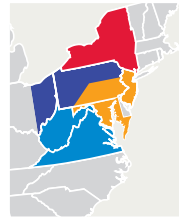
BRAND BLEND

H6134RCSS — 94 Day Maturity | 5% RIB

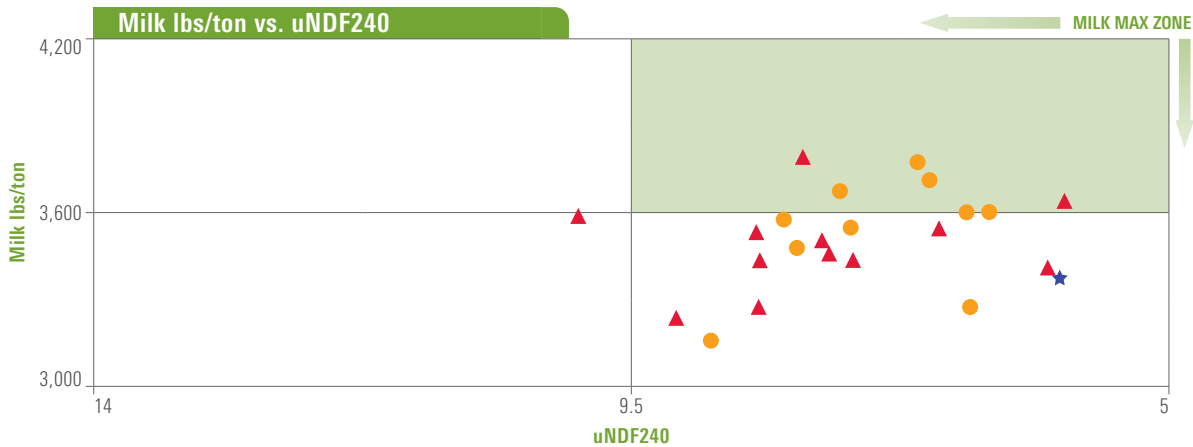
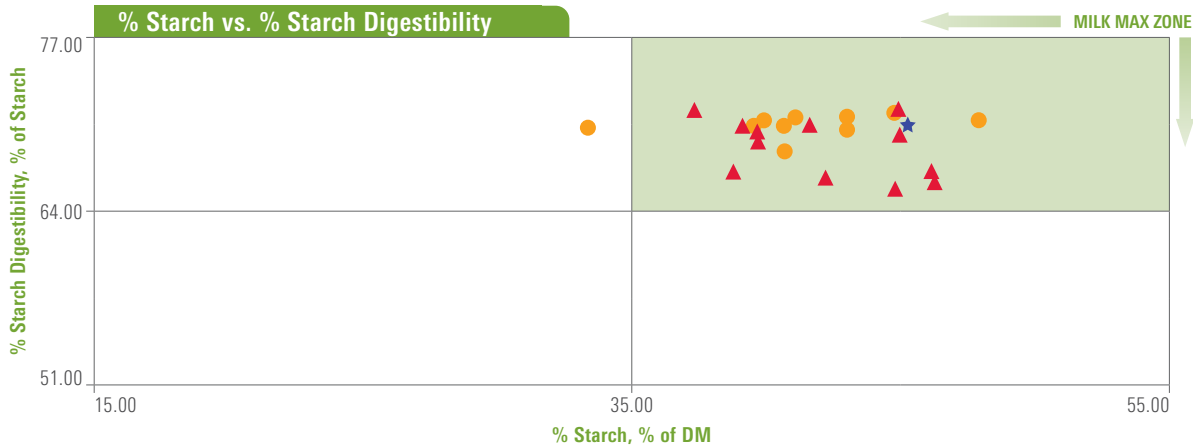
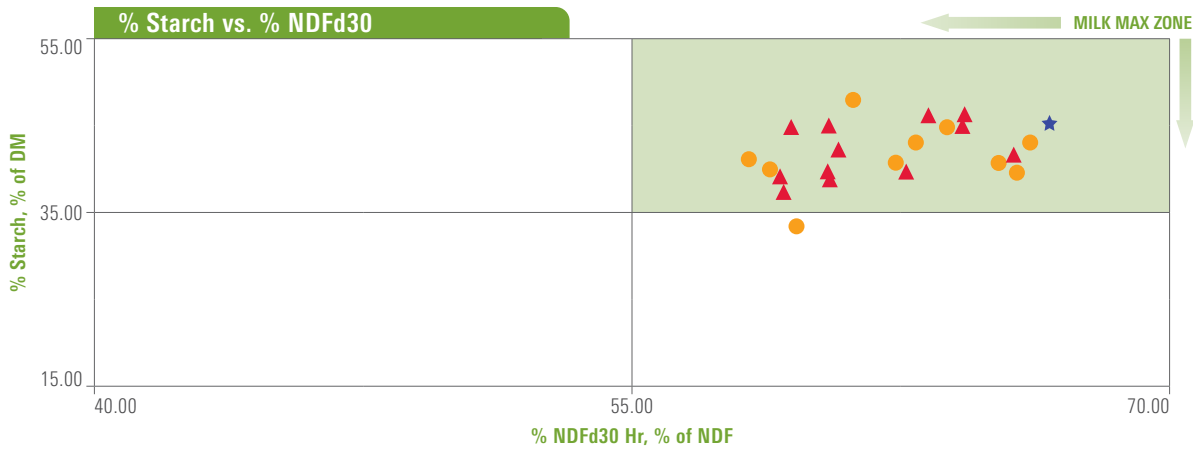


Features:

- Very good agronomic package with very good emergence and seedling vigor
- Very good fiber digestibility with very good starch
- Silage product south of I-80 and dual-purpose north



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

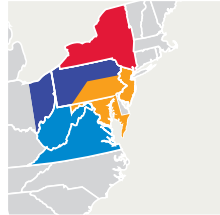
BRAND BLEND

H6187RCSS | H4187RC2P — 97 Day Maturity | 5% RIB

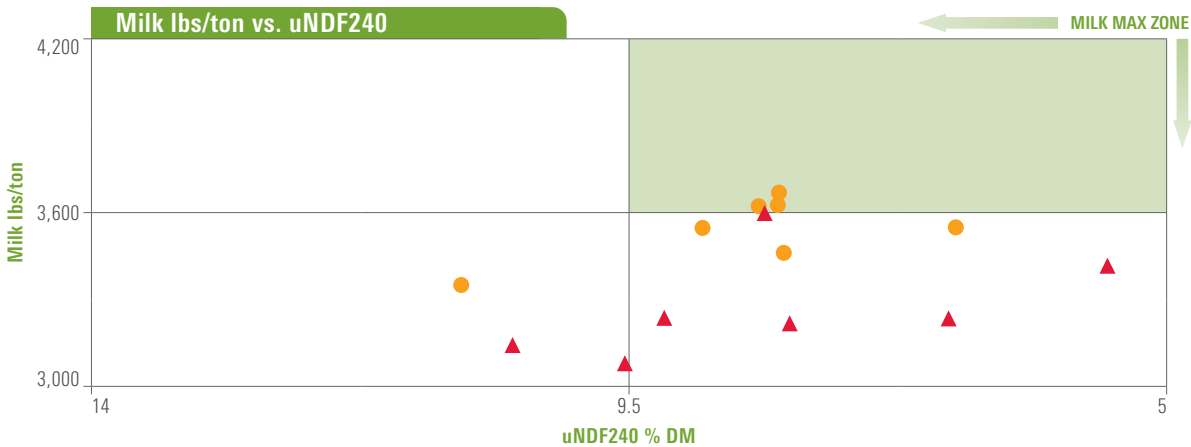
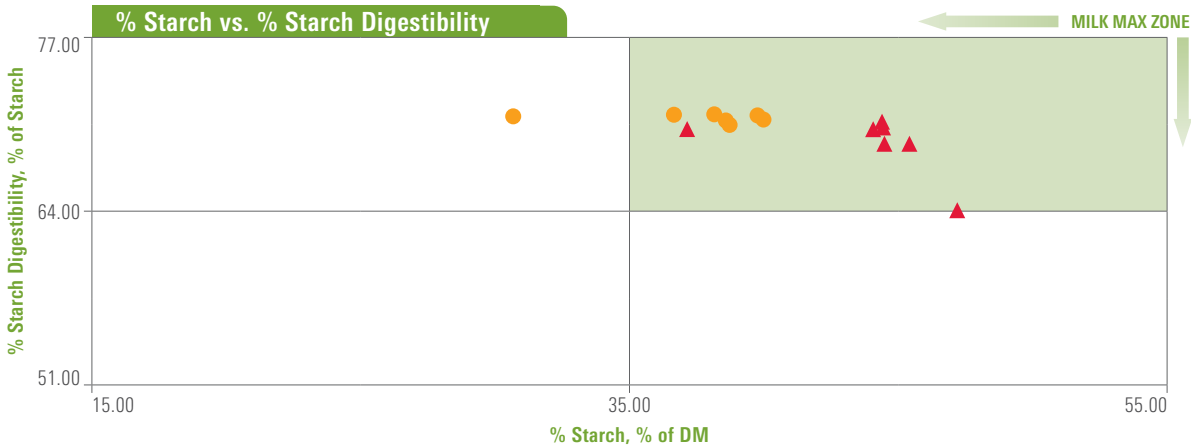
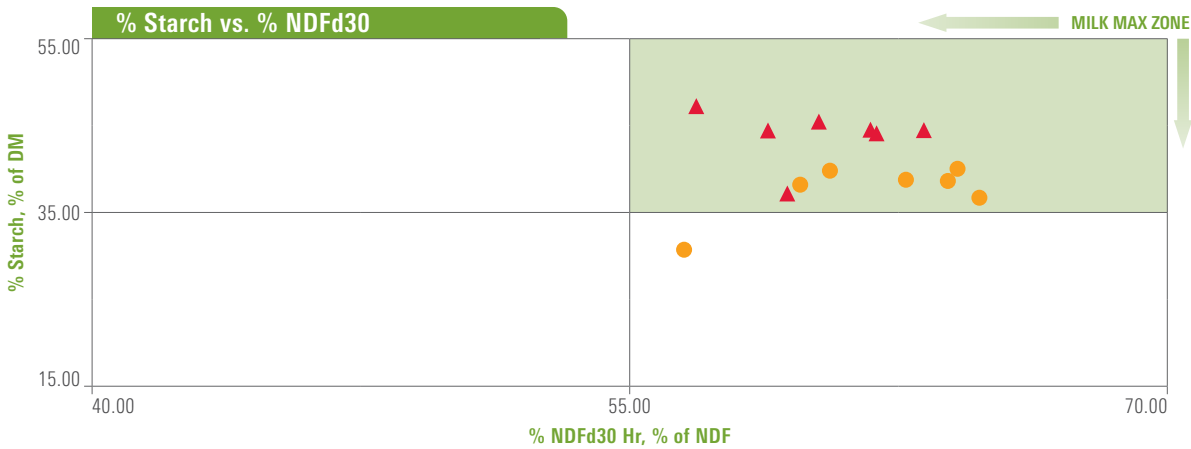


Features:

- Excellent silage and true dual purpose corn product
- Excellent agronomics health (Staygreen) and very good drought tolerance
- Excellent choice for early planting and no-till acres
- Above average forage quality with high starch nutrition



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



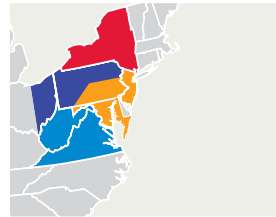
BRAND BLEND

H6219RCSS — 99 Day Maturity | 5% RIB

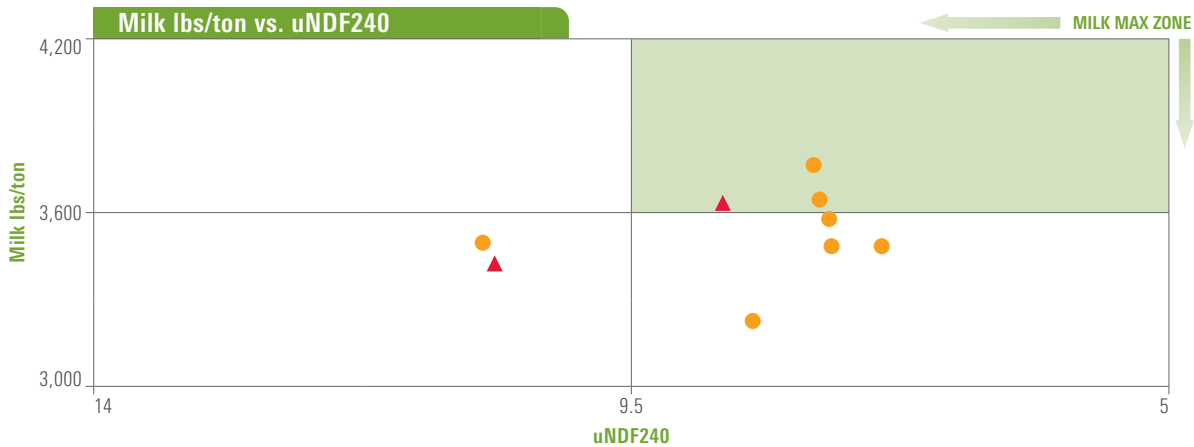
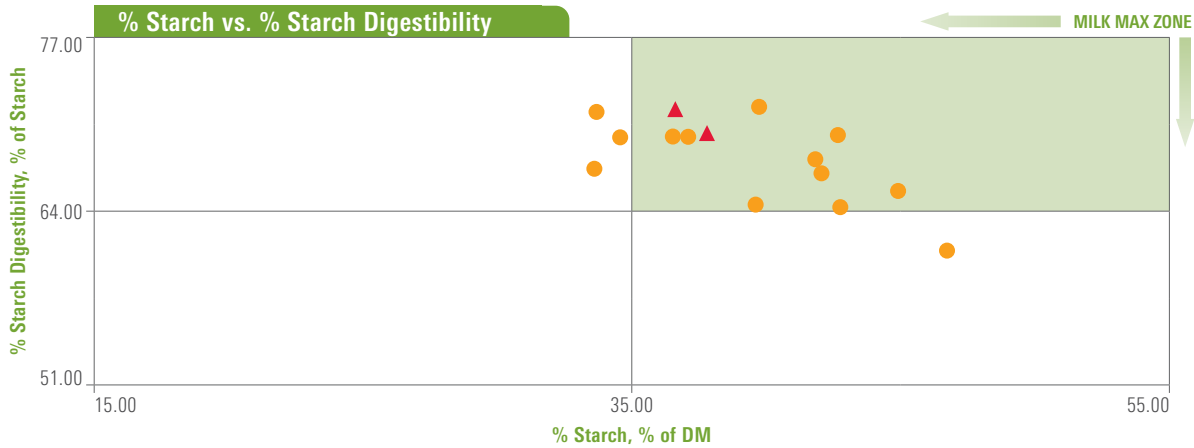
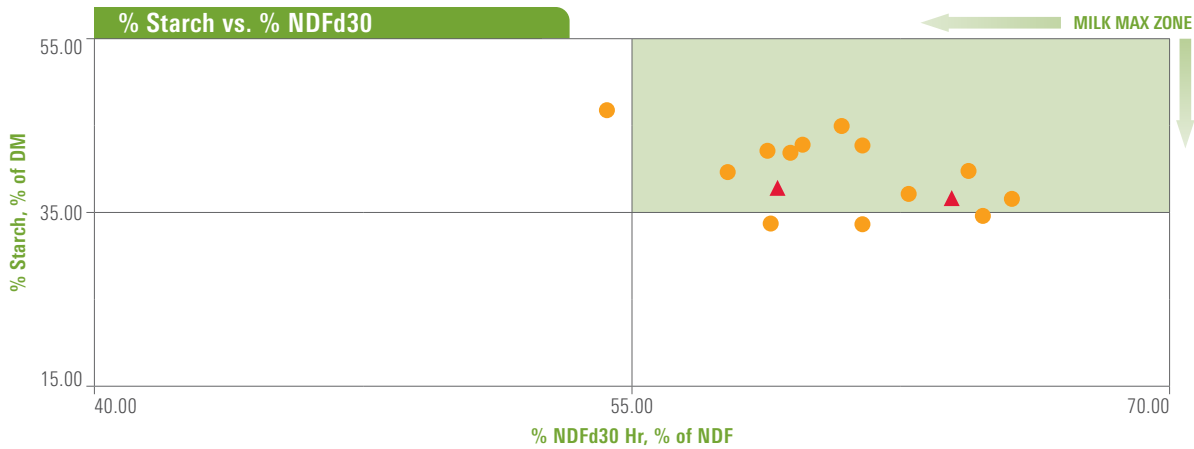


Features:

- A silage product that will partner well with H6225RCSS brand blend to add highly digestible fiber, along with a strong starch component
- Similar product available as Conventional H2219 brand



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

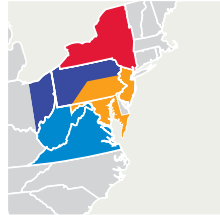
BRAND BLEND

H6225RCSS | H02G225 ——— 102 Day Maturity | 5% RIB

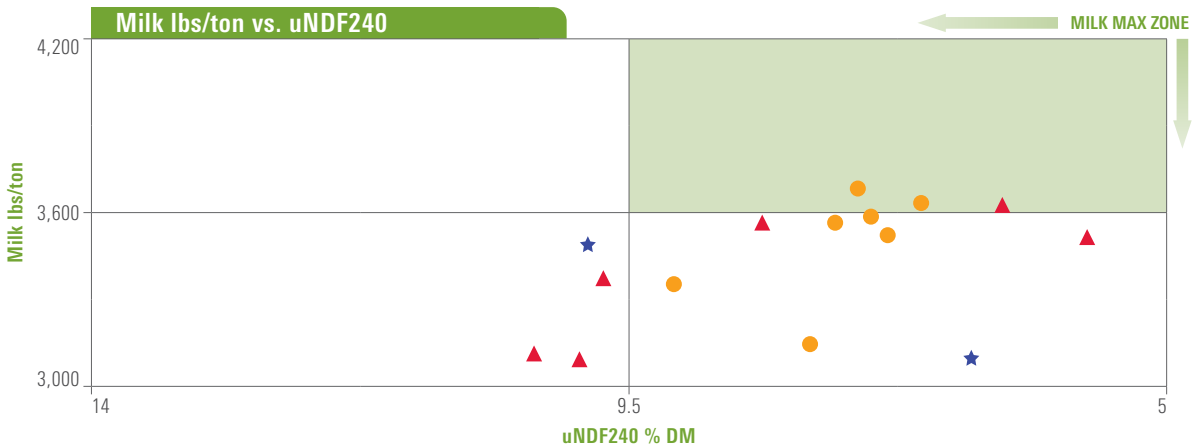
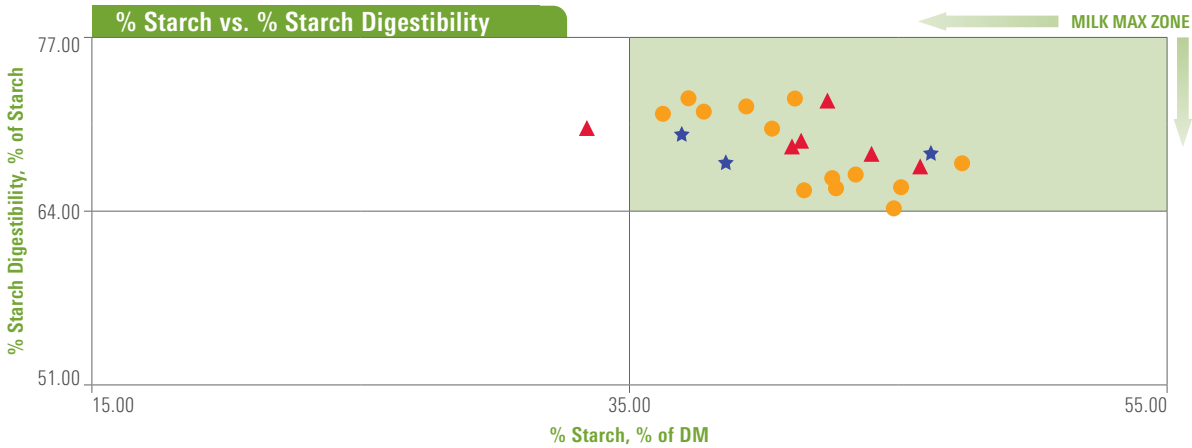
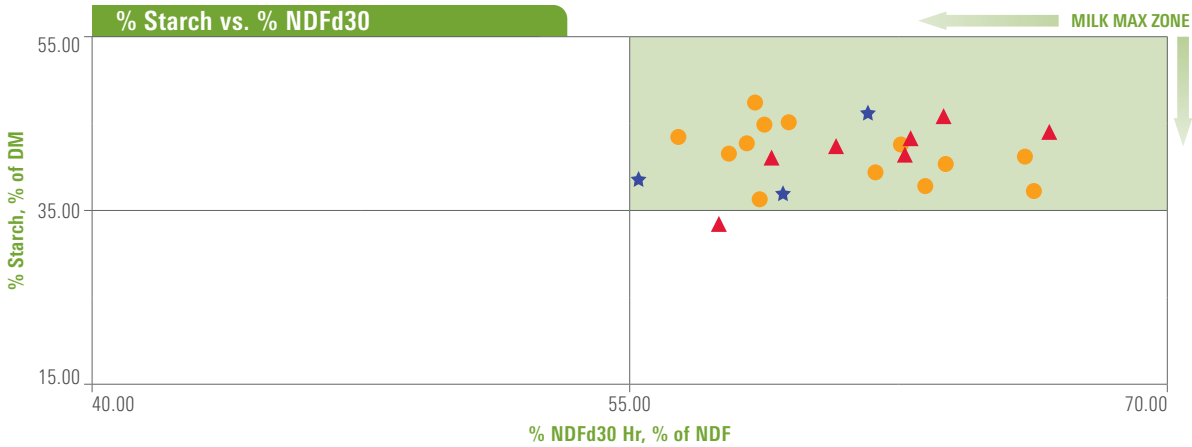


Features:

- Strong yield potential with good agronomics
- Has shown higher nutrient qualities of milk/ton and fiber digestibility plus yield advantage over H4222RC2P brand blend
- Similar product available as Conventional H2225 brand



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



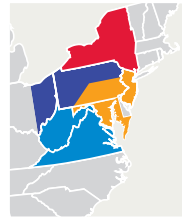
BRAND BLEND

H6257RCSS | 104 Day Maturity | 5% RIB

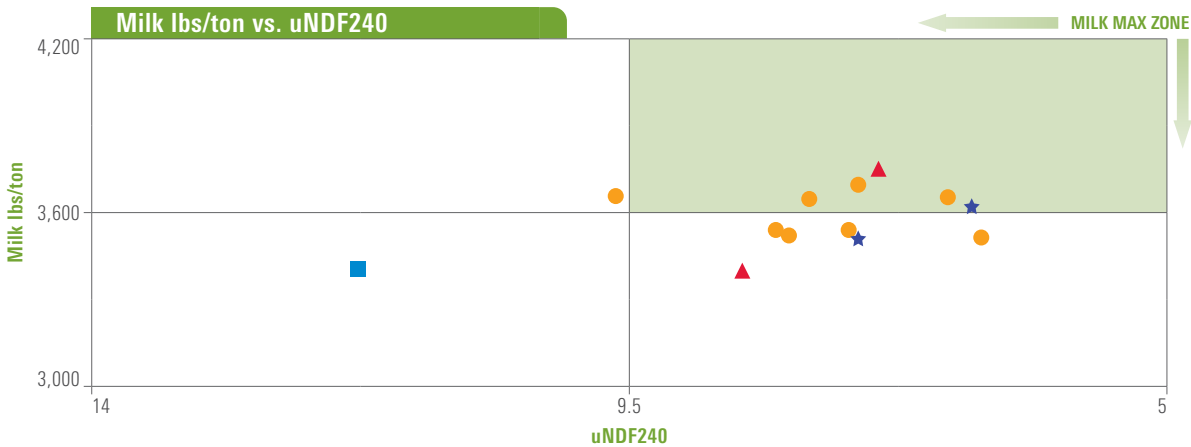
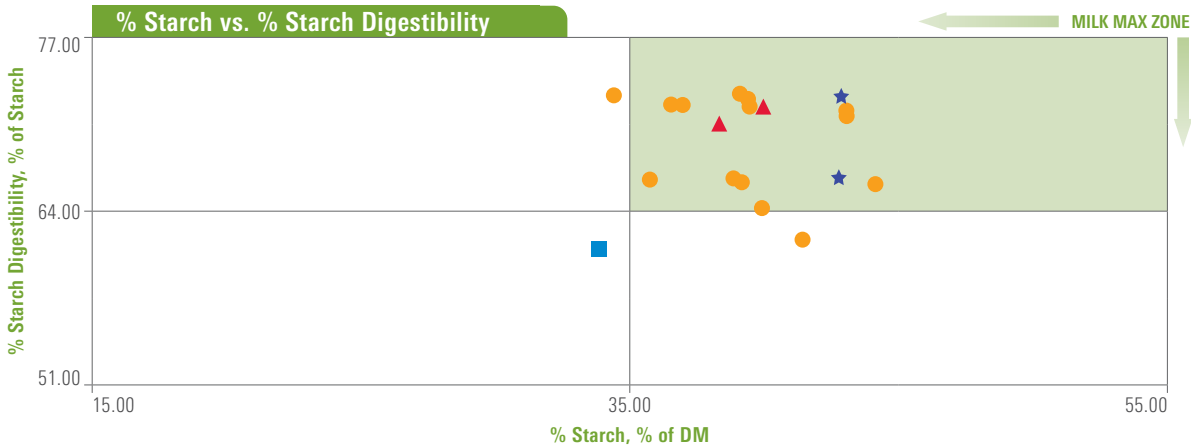
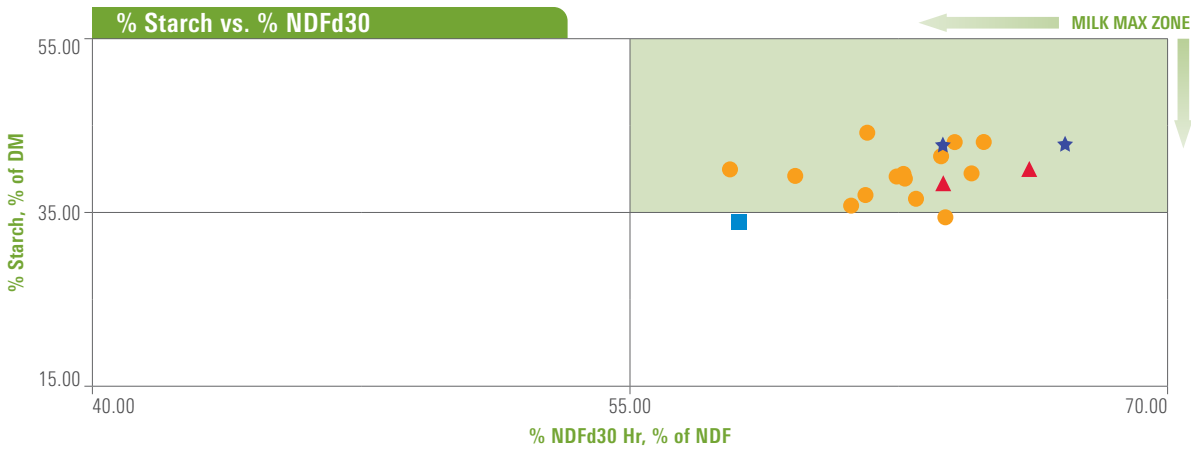


Features:

- One of the highest in dairy nutrition quality in a corn silage product
- Very high in NDFd30 and low in uNDF240
- High in starch



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

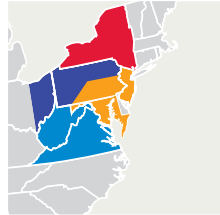
BRAND BLEND

H6301RCSS | 107 Day Maturity | 5% RIB

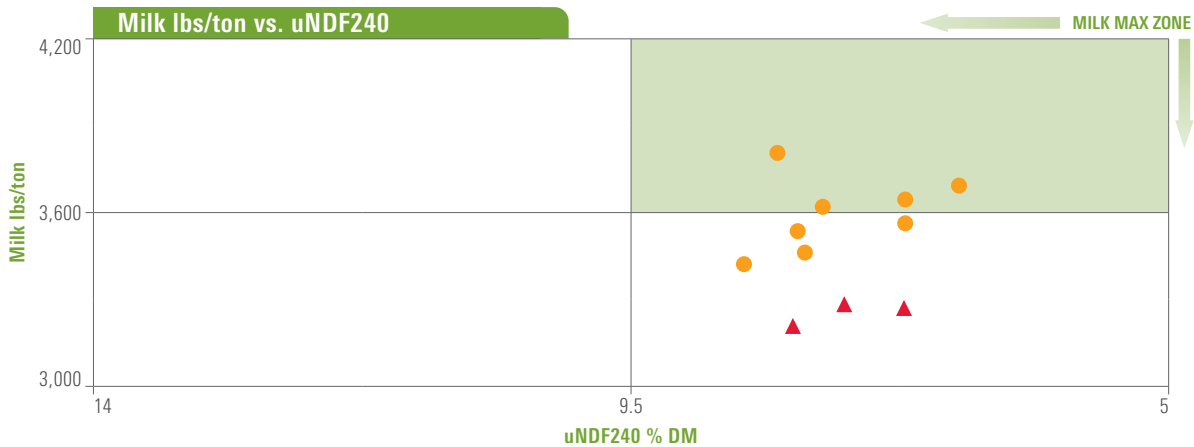
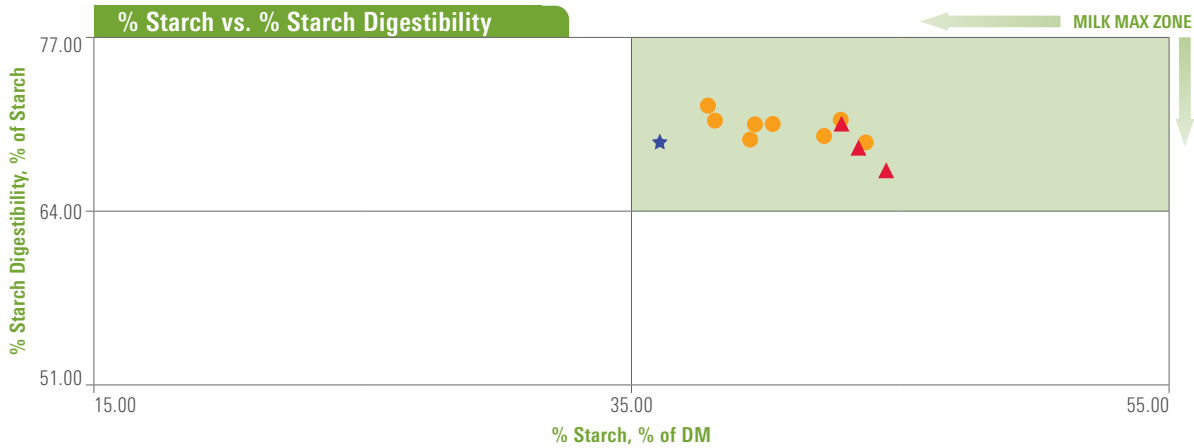
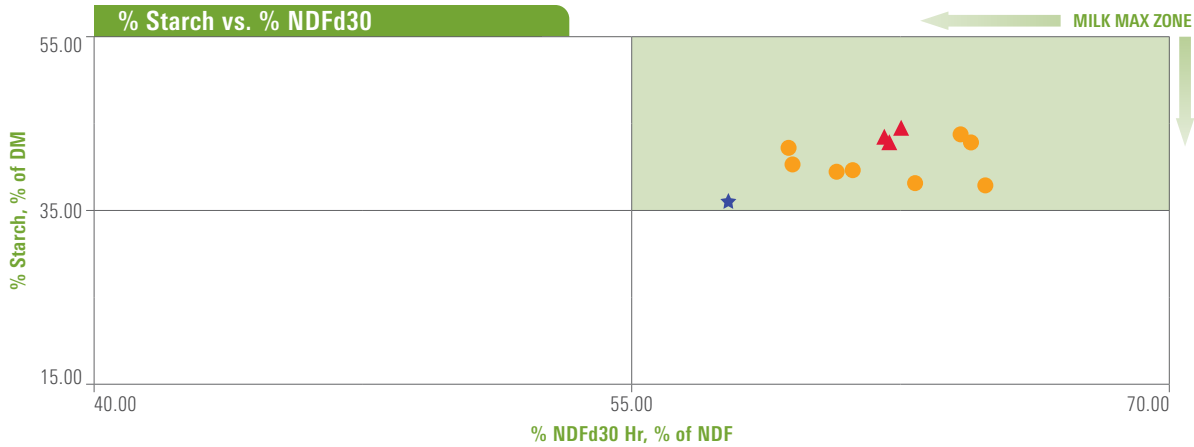


Features:

- Very strong disease tolerance package including very good tolerance to Northern Corn Leaf Blight
- Excellent drought tolerance and harvest intactness
- Wide leaves and good canopy
- Above-average nutrition quality for dairy and beef



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



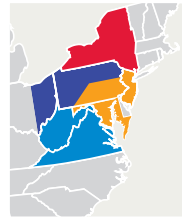
BRAND BLEND

H6390RCSS | 108 Day Maturity | 5% RIB

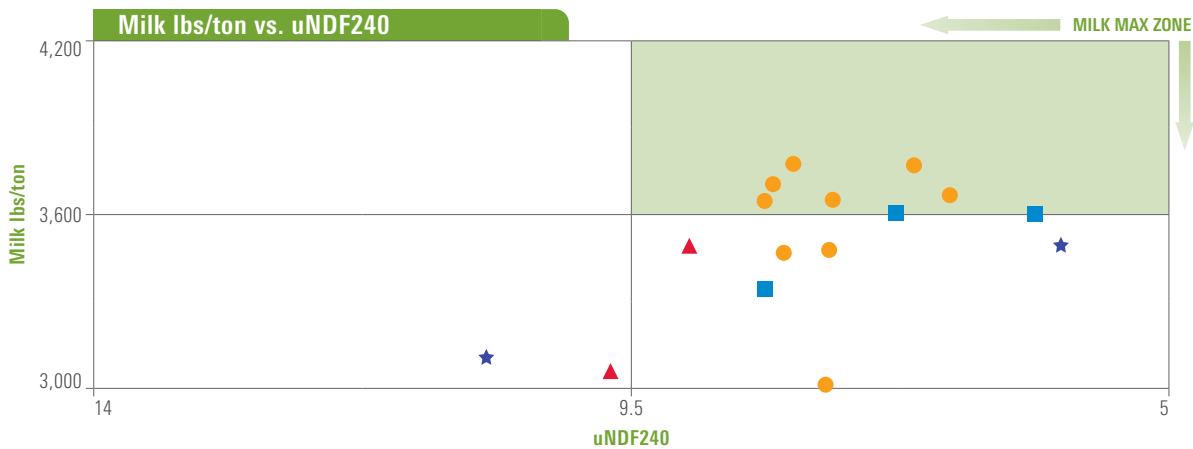
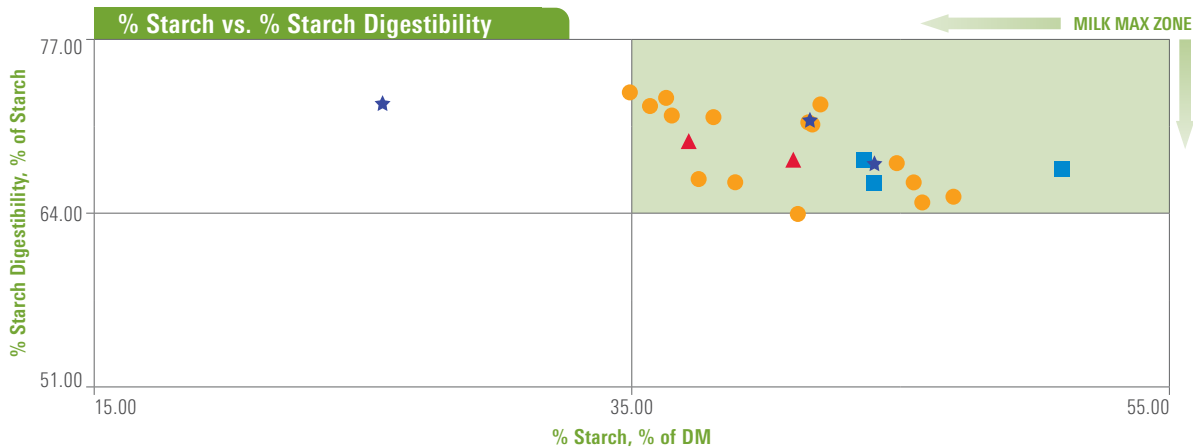
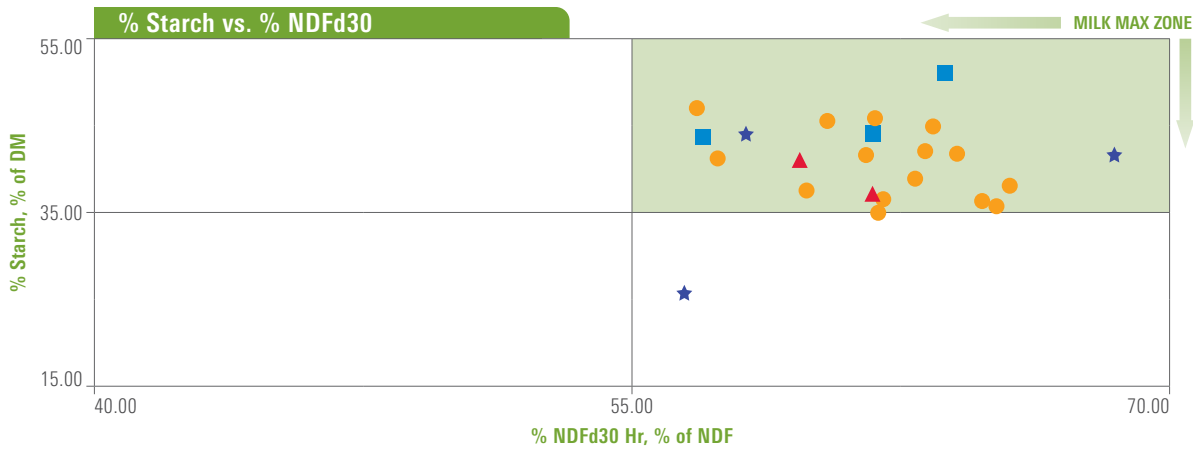


Features:

- Hubner Seed™ FortiField™ product that fits across the entire Hubner Seed footprint
- Very high milk/ton and milk/acre ratings
- High-quality silage product



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

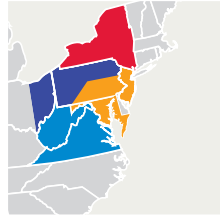
BRAND BLEND

H6394RCSS — 108 Day Maturity | 5% RIB

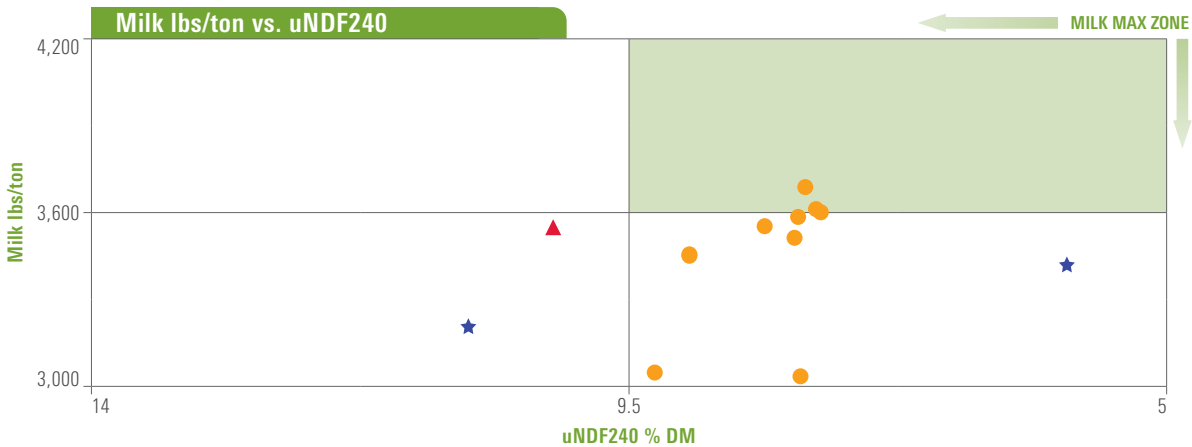
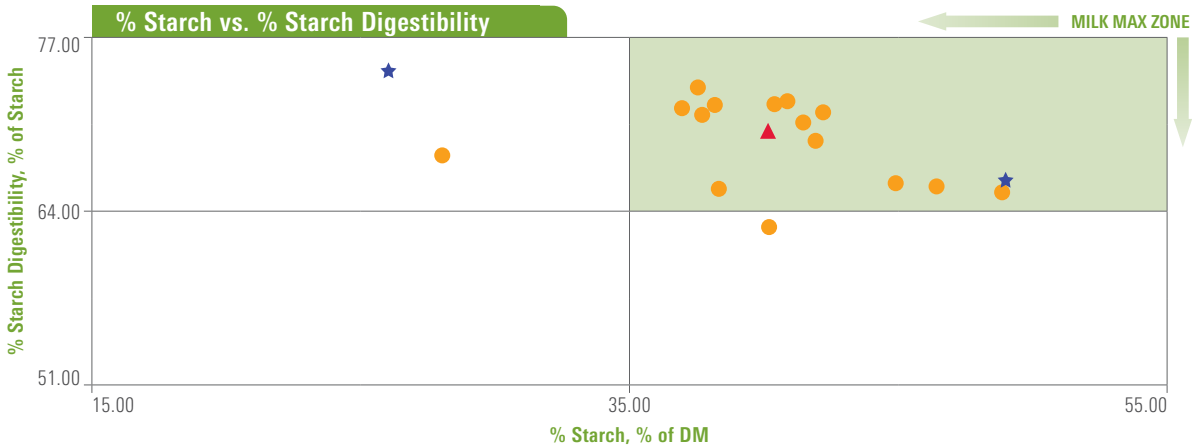
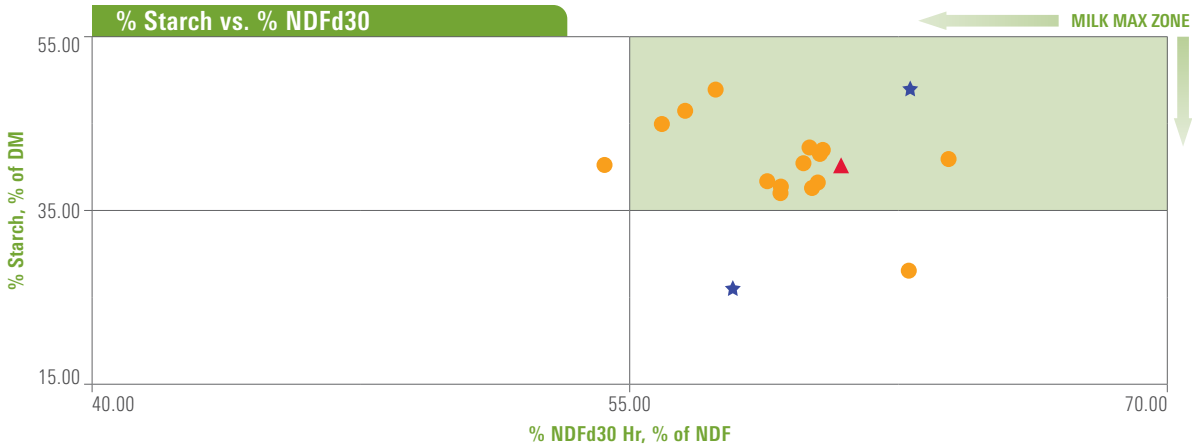


Features:

- High-quality silage product for dairy and beef/feedlot
- Lots of grain/starch makes this a great silage product
- Excellent emergence and stand establishment great for no-till environments
- Similar product available as Conventional H3394



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



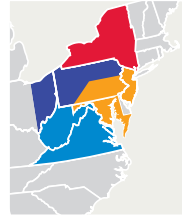
BRAND BLEND

H6624RCSS | H12G624 ——— 112 Day Maturity | 5% RIB

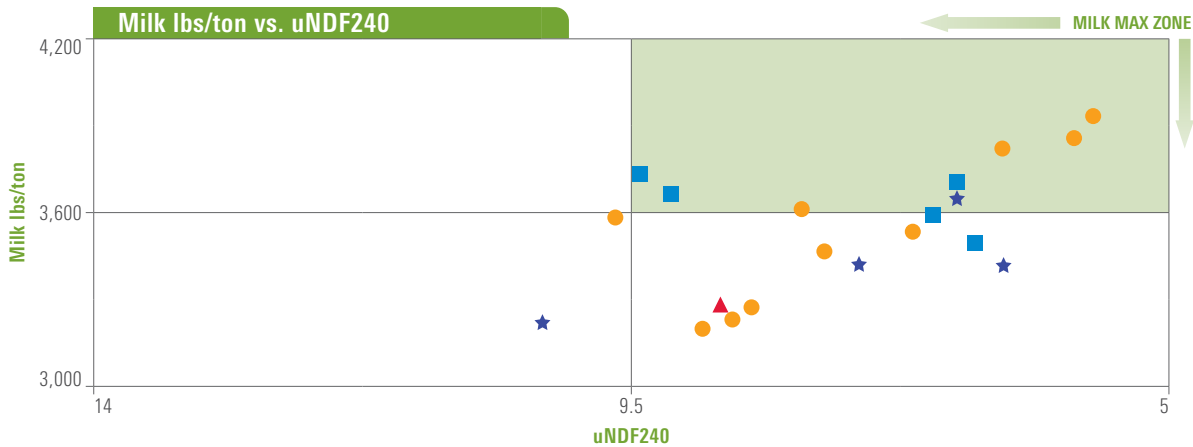
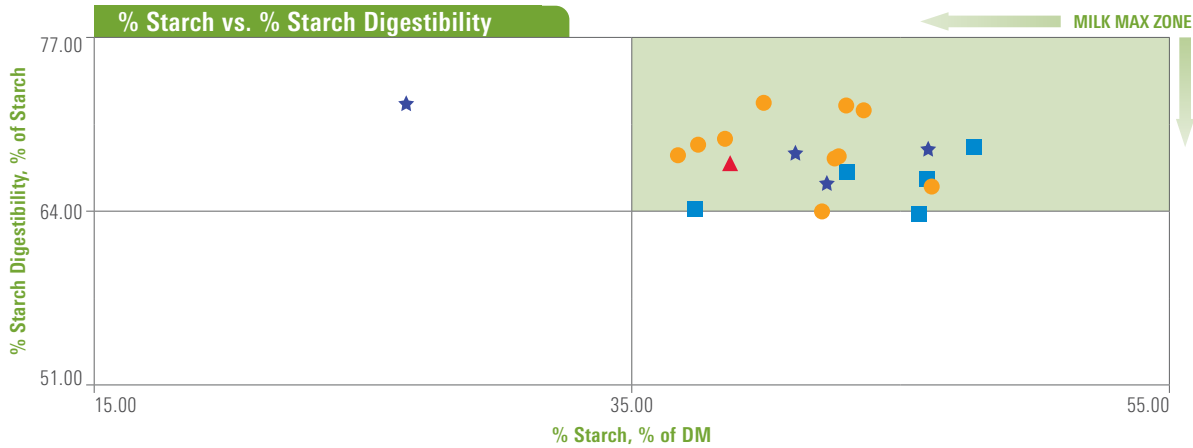
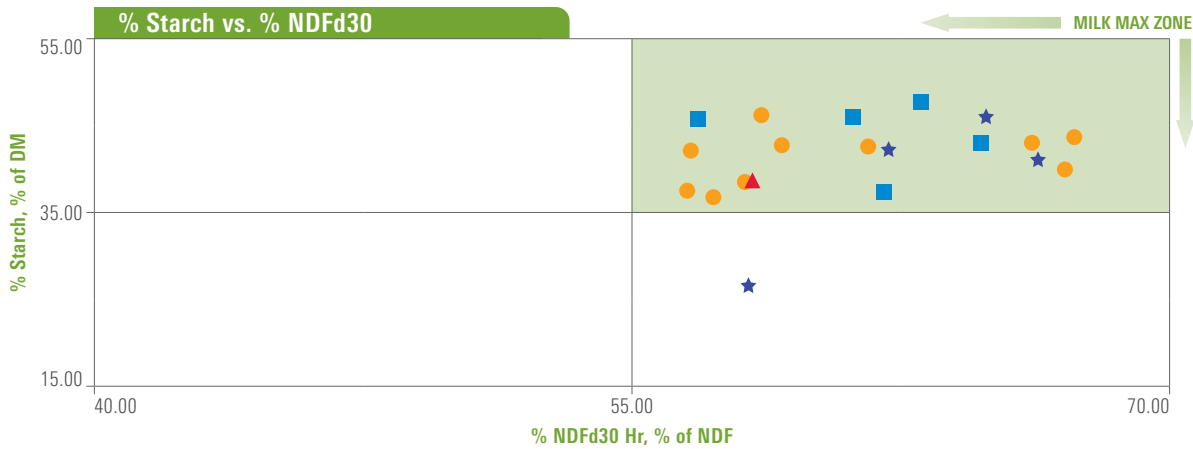


Features:

- H6624RCSS and H12G624 brand blends add a silage edge to our 110-day line
- Potential to provide above-average yield and high milk/ton production
- Similar product available as Conventional H3624 brand



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

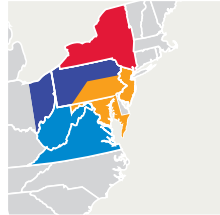
BRAND BLEND

H6663RCSS | H4663RC2P ——— 113 Day Maturity | 5% RIB

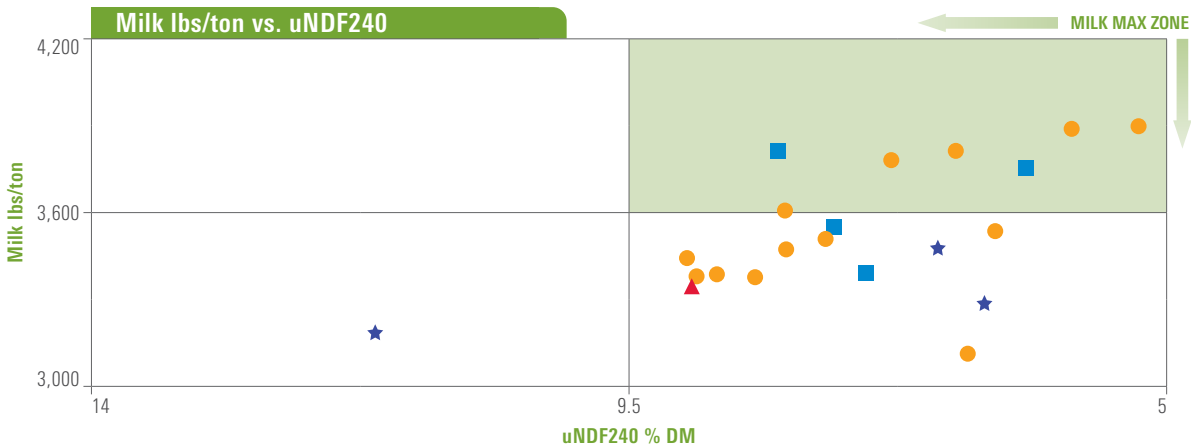
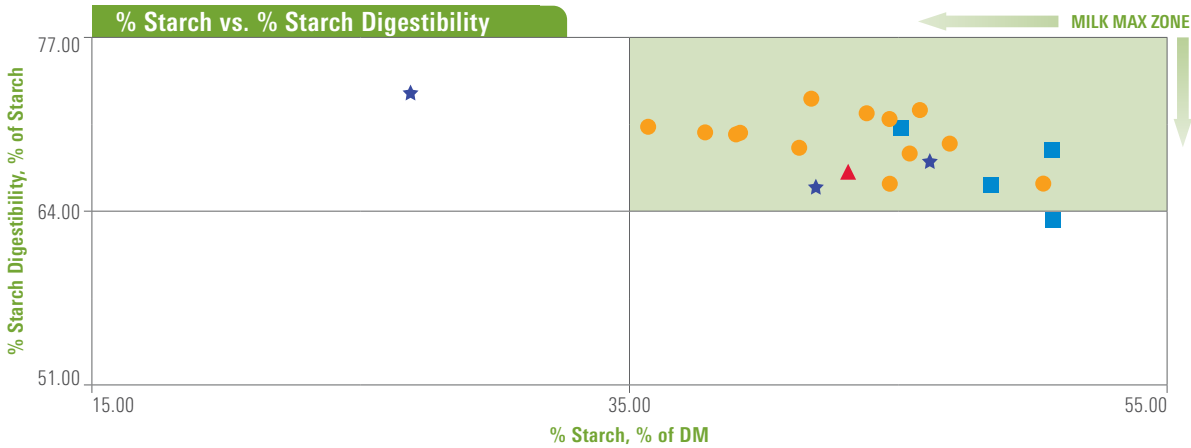
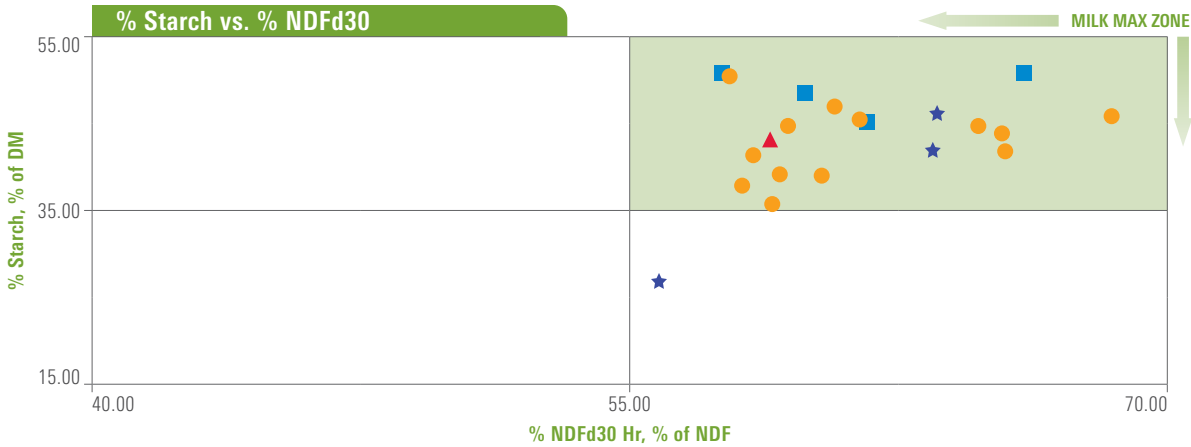


Features:

- This late-season product shows strong digestibility along with a good starch rating to make a strong silage product
- Shows positive response to fungicide treatments



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



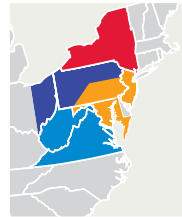
BRAND BLEND

H6755RCSS | H4755RC2P ——— 114 Day Maturity | 5% RIB

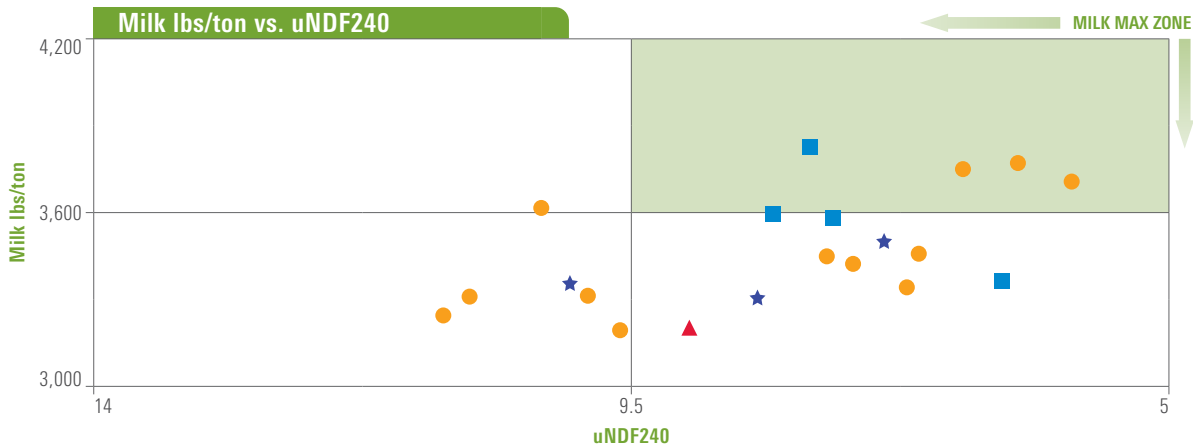
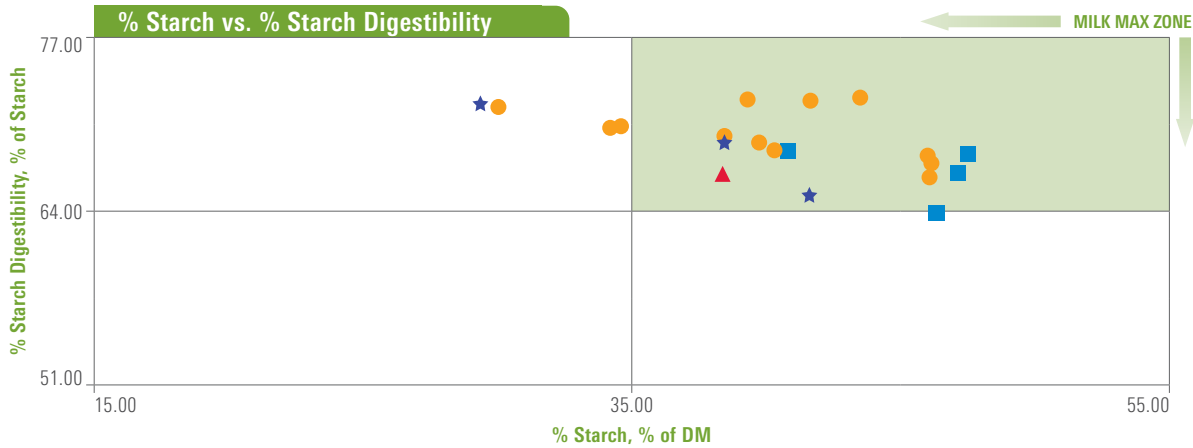
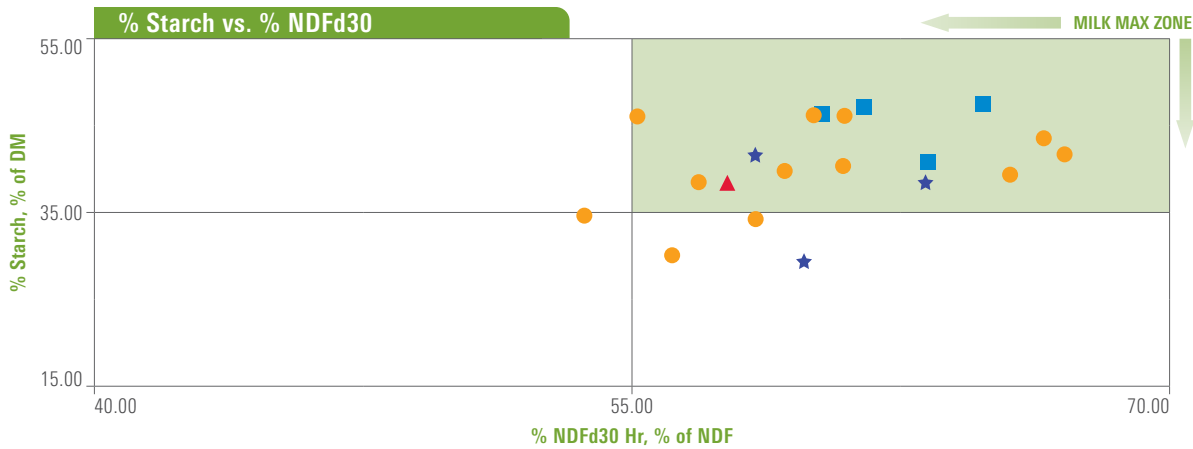


Features:

- Excellent high-quality silage product with digestible starch and high yield potential
- Top in fiber digestibility and plant health (Staygreen)



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



SCATTER PLOT REPORTS

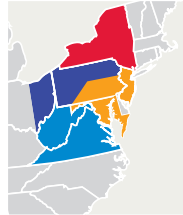
BRAND BLEND

H6867RCSS — 116 Day Maturity | 5% RIB

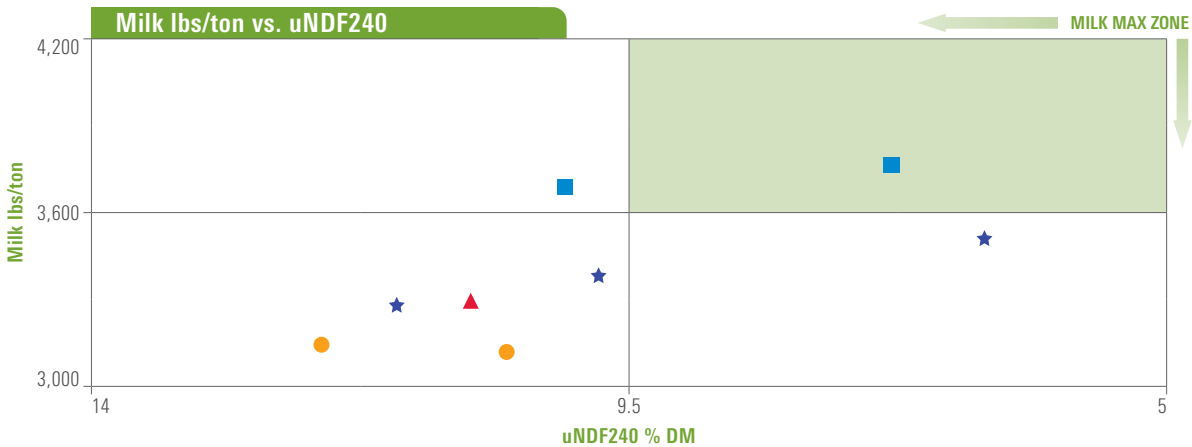
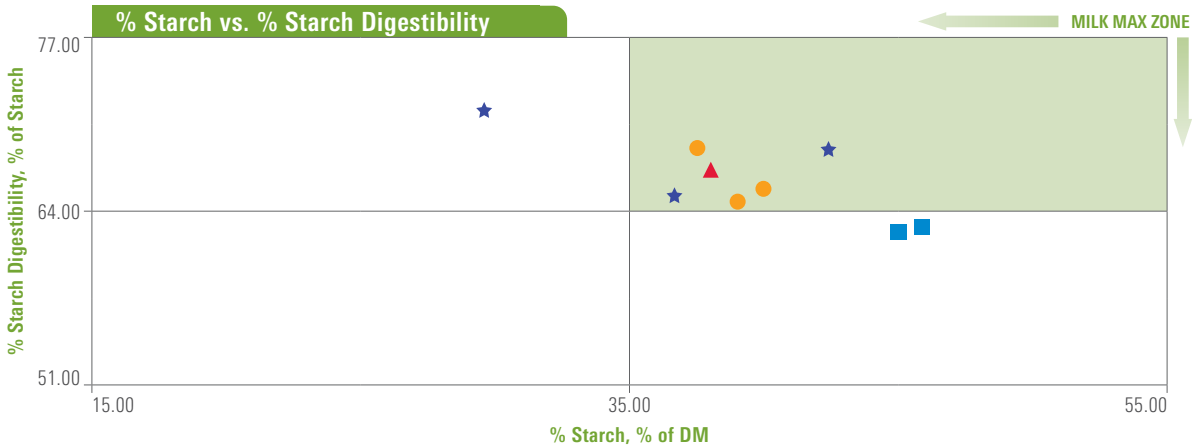
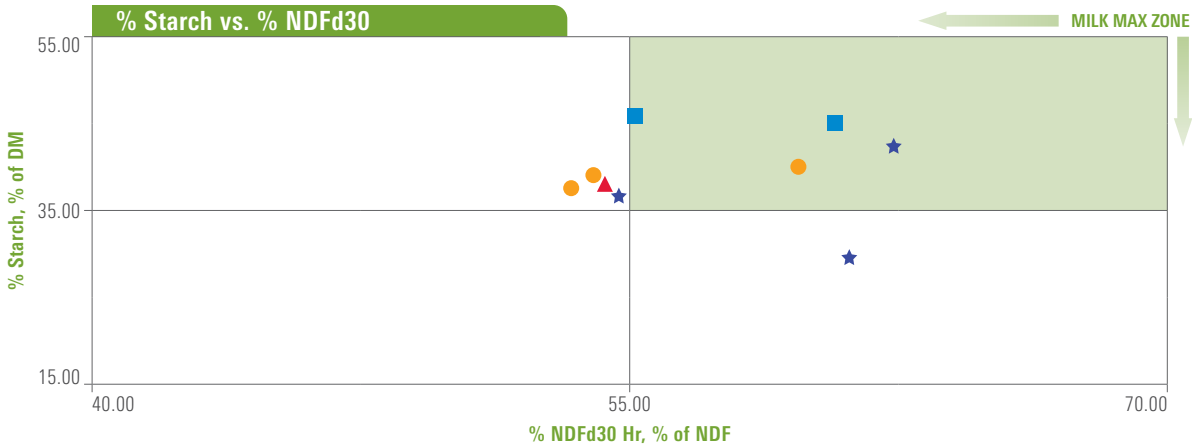


Features:

- Dual-purpose product with excellent yield potential
- Very good disease tolerance package including very good Northern Corn Leaf Blight tolerance
- Has shown excellent performance across most soil types and yield environments
- Above average starch corn silage product



- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



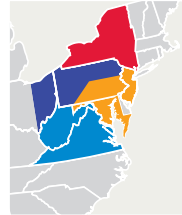
BRAND BLEND

H6890RCSS | 117 Day Maturity | 5% RIB

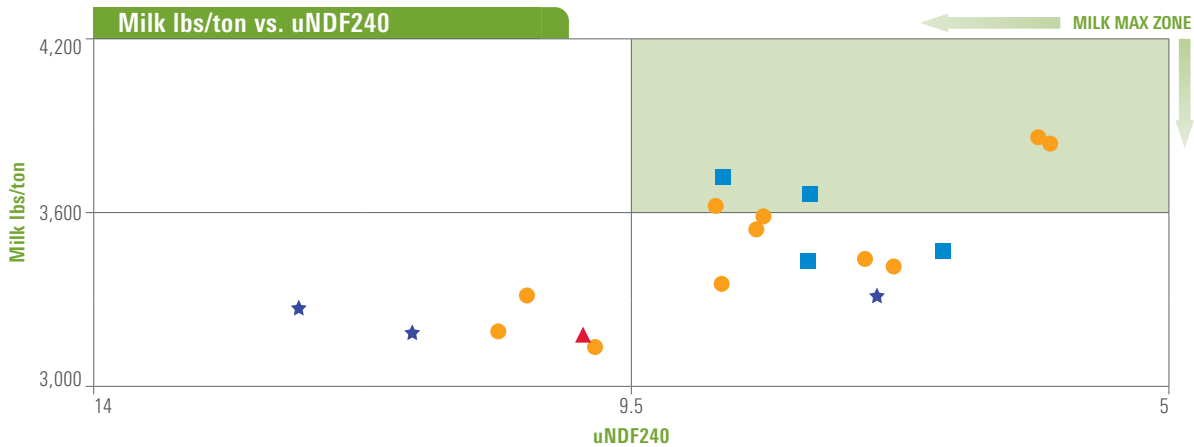
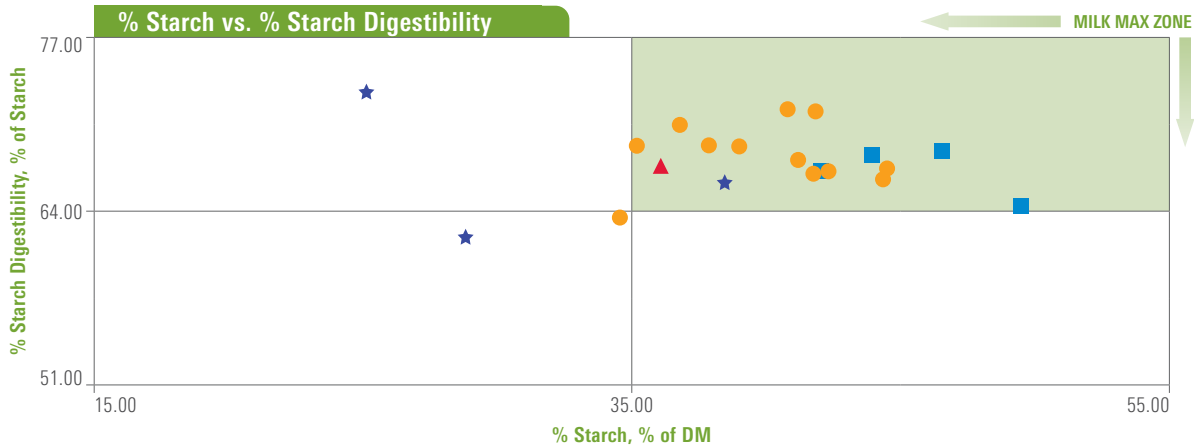
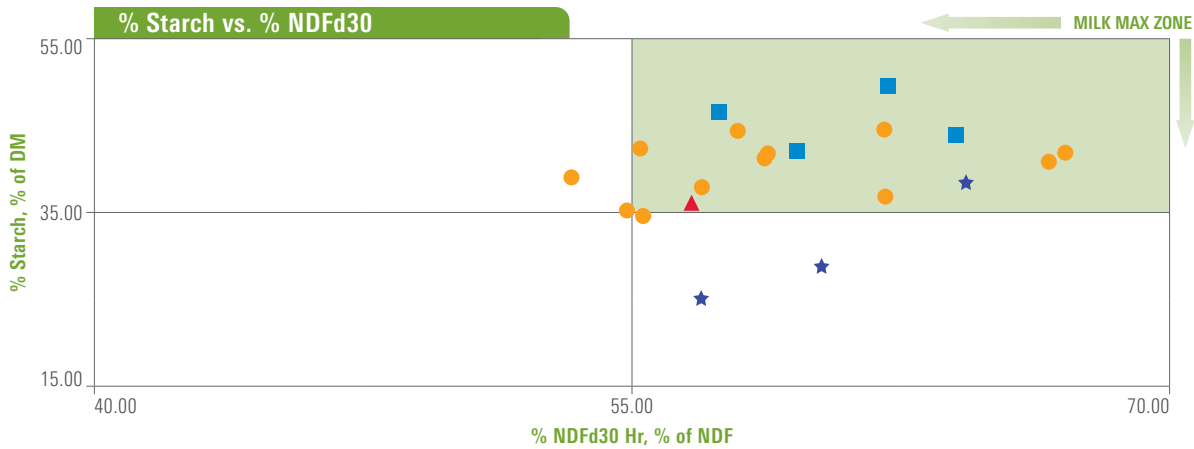


Features:

- Attractive product with a solid disease tolerance package, including very good tolerances to Northern Corn Leaf Blight and Gray Leaf Spot
- Excellent stalk strength, intactness and Staygreen
- Excellent performance in this broadly adaptable product across most soil types and yield environments
- Similar product available as Conventional H2890.



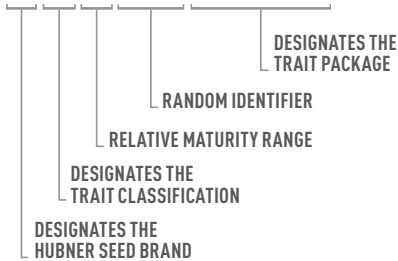
- ★ Region 1
- ▲ Region 2
- Region 3
- Region 4



Notes:

SILAGE NUMBERING SYSTEM

H 4 0 9 2 R C 2 P



CURRENT DATA NOT AVAILABLE:
(-)

NUTRITIONAL CHARACTERISTICS:

NDFd 30hr % of NDF	Neutral Detergent Fiber Digestibility at 30 hours
uNDF240 % DM	Amount of NDF that is indigestible after 240 hours
IVSD 7 hr (4 mm) % Starch	In-Vitro Starch Digestibility at 7 hours
HMSC	High-Moisture Shell Corn

TRAIT IDENTIFICATION:

SSRIB	SmartStax® RIB Complete® Corn Blend
VT2PRIB	VT Double PRO® RIB Complete® Corn Blend
DGVT2PRIB	DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend
RR2	Roundup Ready® Corn 2
CONV	Conventional

SILAGE RATINGS:

EX	Excellent (1-3)
VG	Very Good (4-5)
G	Good (6-7)
F	Fair (8-9)

PLANTING RATE:



























H	High
MH	Medium High
M	Medium
ML	Medium Low

FIELD FIT ... Products tested by our Field FitSM testing program

PRO ... Hubner SeedTM Milk Max Registered Product

PRO ... Drought-Adapted products have proved reliable in even the toughest conditions, demonstrating consistent performance across drought conditions in our testing systems.



































MILK MAX REGISTERED	PRODUCTS TESTED BY OUR FIELD FITSM TESTING PROGRAM	BRAND	RELATIVE MATURITY	CORN-GROWING AREA REFUGE REQUIREMENT	COTTON-GROWING AREA REFUGE REQUIREMENT	YIELD POTENTIAL	NDFd 3hr % of NDF	% LIGNIN	uNDF240 % DM	USAGE FOR HMSC	% STARCH	IVSD-7 HR (4 MM) % STARCH	CORN SILAGE MILK/TON	CORN SILAGE MILK/ACRE
		H4003RC2P BLEND	79	5% RIB	20%	3	1	1	2	VG	2	2	1	2
		H4094RC2P BLEND	84	5% RIB	20%	2	5	3	3	VG	1	6	4	3
		H2094	84	5% RIB	20%	2	5	3	3	VG	1	6	4	3
		H4062RC2P BLEND	86	5% RIB	20%	3	1	1	1	VG	1	2	1	2
		H3062RR	86	5% RIB	20%	3	1	1	1	VG	1	2	1	2
		H6053RCSS BLEND	87	5% RIB	20%	4	2	2	2	VG	3	2	2	4
		H4053RC2P BLEND	87	5% RIB	20%	4	2	2	1	VG	3	2	2	4
		H2053	87	5% Rib	20%	4	1	2	1	VG	4	2	2	4
		H6038RCSS BLEND	89	5% RIB	20%	1	4	5	1	VG	3	2	4	2
		H4038RC2P BLEND	89	5% RIB	20%	1	4	5	1	VG	3	2	4	2
NEW		H6007RCSS BLEND	90	5% RIB	20%	3	2	1	1	VG	1	2	3	2
NEW		H4007RC2P BLEND	90	5% Rib	20%	3	2	1	1	VG	1	2	3	2
		H4099RC2P BLEND	92	5% RIB	20%	3	2	2	2	VG	3	3	3	3
		H6157RCSS BLEND	94	5% RIB	20%	3	4	3	4	EX	4	3	4	4
		H4157RC2P BLEND	94	5% RIB	20%	3	4	3	4	EX	4	3	4	4
		H6124RCSS BLEND	96	5% RIB	20%	3	4	3	3	VG	3	3	3	3
		H4124RC2P BLEND	96	5% RIB	20%	3	4	3	3	VG	3	3	3	3
		H3124	96	5% RIB	20%	3	4	3	3	VG	3	3	3	3
		H6134RCSS BLEND	96	5% RIB	20%	3	3	2	1	VG	3	3	3	3
NEW		H6107RCSS BLEND	97	5% RIB	20%	2	1	2	2	EX	4	1	2	2
NEW		H4114RC2P BLEND	97	5% RIB	20%	3	1	1	1	VG	2	2	2	2
		H6187RCSS BLEND	97	5% RIB	20%	4	4	3	4	VG	3	2	4	4
		H4187RC2P BLEND	97	5% RIB	20%	4	4	3	4	VG	3	2	4	4
NEW		98DT06 BLEND	98	5% RIB	20%	4	1	2	2	EX	2	1	2	2
		H6219RCSS BLEND	99	5% RIB	20%	4	4	6	5	VG	5	4	4	4
		H2219	99	5% RIB	20%	4	4	6	5	VG	5	4	4	4

MILK MAX PRODUCT CHARACTERISTICS

USAGE FOR DAIRY AND BEEF

	DAIRY		BEEF		Planting Rate	PLACEMENT RECOMMENDATIONS			Drought-Adapted	SILAGE BRAND	PRODUCTS TESTED BY OUR FIELD FITSM TESTING PROGRAM	MILK MAX REGISTERED
	High Corn Silage (CS)	50:50 CS to Hay	Beef/Ton	Usage for Cow/Calf Pairs		Heavy Soils	Medium Soils	Light Soils				
	VG	EX	EX	EX	M	←————→				H4003RC2P BLEND		
	EX	EX	VG	VG	M	←————→				H4094RC2P BLEND		
	EX	EX	VG	VG	M	←————→				H2094		
	VG	EX	EX	VG	MH	←————→				H4062RC2P BLEND		
	VG	EX	EX	VG	MH	←————→				H3062RR		
	EX	EX	VG	EX	MH	←————→				H6053RCSS BLEND		
	EX	EX	VG	EX	MH	←————→				H4053RC2P BLEND		
	EX	EX	EX	EX	MH	←————→				H2053		
	VG	EX	EX	VG	MH	←————→			💧	H6038RCSS BLEND		
	VG	EX	EX	VG	MH	←————→			💧	H4038RC2P BLEND		
	VG	EX	EX	G	M	←————→				H6007RCSS BLEND		NEW
	VG	EX	EX	G	M	←————→				H4007RC2P BLEND		NEW
	EX	EX	EX	VG	M	←————→			💧	H4099RC2P BLEND		
	EX	VG	VG	VG	M	←————→			💧	H6157RCSS BLEND		
	EX	EX	VG	VG	M	←————→			💧	H4157RC2P BLEND		
	VG	EX	EX	VG	M	←————→				H6124RCSS BLEND		
	VG	EX	EX	VG	M	←————→				H4124RC2P BLEND		
	VG	EX	EX	VG	M	←————→				H3124		
	EX	EX	EX	EX	MH	←————→				H6134RCSS BLEND		
	EX	EX	VG	EX	M	←————→				H6107RCSS BLEND		NEW
	VG	EX	EX	VG	M	←————→				H4114RC2P BLEND		NEW
	EX	EX	EX	VG	MH	←————→				H6187RCSS BLEND		
	EX	EX	EX	VG	MH	←————→				H4187RC2P BLEND		
	VG	EX	VG	EX	MH	←————→				98DT06 BLEND		NEW
	VG	VG	VG	VG	MH	←————→			💧	H6219RCSS BLEND		
	VG	VG	VG	VG	MH	←————→				H2219		

MILK MAX REGISTERED	PRODUCTS TESTED BY OUR FIELD FITSM TESTING PROGRAM	BRAND	RELATIVE MATURITY	CORN-GROWING AREA REFUGE REQUIREMENT	COTTON-GROWING AREA REFUGE REQUIREMENT	YIELD POTENTIAL	NDFd 3hr % of NDF	% LIGNIN	uNDF240 % DM	USAGE FOR HMSC	% STARCH	IVSD-7 HR (4 MM) % STARCH	CORN SILAGE MILK/TON	CORN SILAGE MILK/ACRE
		H6213RCSS BLEND	101	5% RIB	20%	3	3	3	3	VG	3	3	1	2
		H01G213	101	5% RIB	20%	3	3	3	3	VG	3	3	1	2
		H6225RCSS BLEND	102	5% RIB	20%	2	3	3	3	EX	2	1	3	4
		H02G225 BLEND	102	5% RIB	20%	2	3	3	3	EX	2	1	3	4
		H2225	102	5% RIB	20%	2	3	3	3	EX	2	1	3	4
NEW 		H6358RCSS BLEND	103	5% RIB	20%	1	1	1	1	EX	2	1	1	2
		H6257RCSS BLEND	104	5% RIB	20%	2	1	2	1	VG	2	2	2	3
		H6368RCSS BLEND	105	5% Rib	20%	4	4	3	2	EX	2	3	4	4
		H3368RR	105	5% RIB	20%	4	4	3	2	EX	2	3	4	4
		H6301RCSS BLEND	106	5% RIB	20%	2	2	1	1	VG	2	4	2	1
		H6394RCSS BLEND	108	5% RIB	20%	2	1	1	1	VG	2	4	3	2
		H3394	108	5% Rib	20%	2	1	1	1	VG	2	4	3	2
		H6390RCSS BLEND	108	5% RIB	20%	2	1	1	1	VG	3	2	1	3
		H6330RCSS BLEND	108	5% RIB	20%	4	5	3	4	VG	3	2	3	3
NEW 		H6456RCSS BLEND	109	5% RIB	20%	2	2	3	3	VG	4	1	1	2
		H6624RCSS BLEND	112	5% RIB	20%	3	1	1	1	VG	3	3	1	2
		H12G624	112	5% RIB	20%	3	1	1	1	VG	3	3	1	2
		H3624	112	5% RIB	20%	3	1	1	1	VG	3	3	1	2
NEW 		H13G513 BLEND	113	5% RIB	20%	2	2	1	1	EX	2	3	2	2
		H4744RC2P BLEND	113	5% RIB	20%	3	4	4	3	VG	3	4	3	3
		H6663RCSS BLEND	113	5% RIB	20%	2	1	1	1	VG	1	3	1	2
		H4663RC2P BLEND	113	5% RIB	20%	3	1	1	1	VG	2	3	1	2
		H6755RCSS BLEND	114	5% RIB	20%	2	2	1	2	EX	1	2	3	2
NEW 		H4755RC2P BLEND	114	5% RIB	20%	2	2	1	2	EX	1	2	3	2
		H6764RCSS BLEND	114	5% RIB	20%	3	4	3		VG	3	3	2	3
		H6867RCSS BLEND	116	5% RIB	20%	2	6	4	6	VG	4	6	4	2
		H6890RCSS BLEND	117	5% RIB	20%	2	3	3	4	VG	3	3	2	3
		H2890	117	5% RIB	20%	2	3	3	4	VG	3	3	2	3

MILK MAX PRODUCT CHARACTERISTICS

USAGE FOR DAIRY AND BEEF

	DAIRY		BEEF		Planting Rate	PLACEMENT RECOMMENDATIONS			Drought-Adapted	SILAGE BRAND	PRODUCTS TESTED BY OUR FIELD FITSM TESTING PROGRAM	MILK MAX REGISTERED
	High Corn Silage (CS)	50:50 CS to Hay	Beef/Ton	Usage for Cow/Calf Pairs		Heavy Soils	Medium Soils	Light Soils				
	EX	EX	EX	EX	ML	←→			💧	H6213RCSS BLEND		
	EX	EX	EX	EX	ML	←→			💧	H01G213		
	EX	EX	EX	EX	M	←→			💧	H6225RCSS BLEND		
	EX	EX	EX	EX	M	←→			💧	H02G225 BLEND		
	EX	EX	EX	EX	M	←→			💧	H2225		
	EX	EX	VG	EX	M	←→				H6358RCSS BLEND	FIELD FIT	NEW
	EX	EX	EX	EX	M	←→			💧	H6257RCSS BLEND		
	VG	EX	EX	VG	MH	←→			💧	H6368RCSS BLEND		
	VG	EX	EX	VG	MH	←→				H3368RR		
	EX	VG	EX	EX	ML	←→				H6301RCSS BLEND		
	EX	EX	EX	EX	M	←→			💧	H6394RCSS BLEND		
	EX	EX	EX	EX	M	←→			💧	H3394		
	EX	VG	VG	EX	MH	←→			💧	H6390RCSS BLEND		
	VG	VG	VG	VG	MH	←→			💧	H6330RCSS BLEND		
	EX	VG	VG	EX	M	←→				H6456RCSS BLEND	FIELD FIT	NEW
	EX	EX	EX	EX	MH	←→			💧	H6624RCSS BLEND		
					MH	←→				H12G624		
	EX	EX	EX	EX	MH	←→			💧	H3624		
	VG	EX	EX	VG	M	←→				H13G513 BLEND	FIELD FIT	NEW
	VG	EX	EX	VG	MH	←→			💧	H4744RC2P BLEND		
	VG	EX	EX	VG	MH	←→			💧	H6663RCSS BLEND		
	VG	EX	EX	VG	MH	←→			💧	H4663RC2P BLEND		
	VG	EX	EX	VG	M	←→				H6755RCSS BLEND		
	VG	EX	EX	VG	M	←→				H4755RC2P BLEND	FIELD FIT	NEW
	VG	EX	EX	VG	MH	←→				H6764RCSS BLEND		
	G	EX	EX	G	M	←→				H6867RCSS BLEND		
	EX	EX	EX	EX	M	←→				H6890RCSS BLEND		
	EX	VG	EX	VG	M	←→				H2890		



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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. B.t. products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge **except** in the Cotton-Growing Area where corn earworm is a significant pest. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Monsanto Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.



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