The results are in from New York and New England. We could tell you more about our consistent gains, but we'll let the data speak for itself.

PLOT NAME	LOCATION
Stephen O'Brien	Lewis County, NY
PLANTING DATE	**HARVEST DATE**
5/14/2022	10/4/2022

Brand	Hybrid	%DM	Yield 35%	%Starch	%Fib Dig	%uNDF	Milk/ Ton
Pioneer	P8859AM	52.6	**22.8**	51.2	46.0	8.3	3,857
Pioneer	P9193Q	49.0	**22.8**	49.1	46.0	8.9	3,826
Pioneer	P9233Q	43.9	**23.1**	45.7	44.9	9.2	3,729
Pioneer	P9489Q	42.9	**24.8**	46.3	49.7	8.6	3,864
Pioneer	P9492AM	42.2	**24.2**	46.4	50.0	8.3	3,893
Pioneer	P9535AM	43.0	**25.3**	43.2	48.6	9.0	3,774
Pioneer	P9624Q	39.3	**24.1**	45.5	48.9	9.0	3,823
Pioneer	P9789AMXT	43.0	**24.4**	44.3	51.7	9.0	3,871
Pioneer	P9823Q	38.5	**24.7**	39.7	49.9	10.9	3,745
Pioneer	P9845AM	41.4	**26.0**	44.1	50.2	9.3	3,879
Pioneer	P9884Q	39.5	**23.1**	45.2	55.7	7.4	4,015
Pioneer	P9998Q	40.6	**26.2**	47.3	51.0	8.8	3,950
Pioneer	P0031Q	39.1	**24.8**	44.2	47.8	8.6	3,834
Pioneer	P0035Q	39.6	**25.5**	45.5	52.1	7.7	3,911

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Brand	Hybrid	%DM	Yield 35%	%Starch	%Fib Dig	%uNDF	Milk/ Ton
Pioneer	P0242AMXT	34.3	**21.8**	41.3	50.6	9.4	3,793
Pioneer	P0487Q	36.9	**23.7**	46.8	51.2	8.1	3,924
Pioneer (82-95)	**Average**	**45.2**	**23.9**	**46.6**	**48.1**	**8.8**	**3,831**
Pioneer (96-104)	**Average**	**38.8**	**24.4**	**44.4**	**50.8**	**8.8**	**3,875**

- **P9998Q leading this plot followed closely by P9845AM, new advancement in 2022**
- **P9884Q Bovalta BMR continues to have a great introductory year. On average over all locations, it is 2.5 points drier than P0238XR, has a 1.3 ton advantage with higher starch and fiber digestibility. It has only a 5% yield difference than the 96-104 plot average**
- **P8859AM is an impressive 82 day silage running with the longer maturities on yield with the highest starch in the plot!**
- **P9489Q continues to shine in its second year with high yield and quality**
- **The earlier maturity hybrids had 0.5 tons less yield with increased starch and somewhat lower fiber digestibility**

- **Look to Pioneer for the most information and support!**

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~ The minor component of this blend product is not a Brown MidRib corn hybrid.

Income/A Advantage is calculated with the price of corn silage at $X.XX per bushel.
Silage CRM: Silage comparative relative maturity. With no industry standard for silage maturity, comparing maturity and harvest moisture across various companies' corn-for-silage hybrids can be difficult. Pioneer silage CRM ratings provide a relative comparison among Pioneer® brand products of rates at which products reach harvestable whole-plant moisture. It is on the same scale as the CRM rating provided for grain-corn products and does not represent actual days from planting or emergence to harvest moisture or half milkline. **Tons/Acre (35% DM):** Whole-plant yield adjusted to 35% dry matter.
% DM: Percent whole-plant dry matter at harvest. **% Starch:** Percent starch (on a dry matter basis) in the whole plant. **% Fib Dig (24-hr):** Percent degradable neutral detergent fiber (as a percent of total NDF, on a dry matter basis) in whole-plant samples in a 24-hour period. **Lbs Milk/Acre:** Pounds of milk per acre on a dry matter basis based on a University of Wisconsin MILK2006 study, utilizing silage yield, nutrient content and digestibility. **Lbs Milk/Ton:** Pounds of milk per ton of silage on a dry matter basis based on a University of Wisconsin MILK2006 study, utilizing silage nutrient content and digestibility. Caution should be used when making hybrid decisions based on single or limited plot comparisons. A minimum of 20 side-by-side hybrid comparisons is required for valid yield and nutritional comparisons.

All Pioneer® brand products are hybrids unless designated with AM1, AM, AML, AMT, AMX, AMXT and Q, in which case they are brands.

Data is based on average of <insert year(s)> comparisons made in <insert geography> through <insert date>. Comparisons are against <insert "all competitors" or "any number of products of the indicated competitor brand">, unless otherwise stated, and within +/- <insert ###> silage CRM of the competitive brand. Product responses are variable and subject to any number of environmental, disease and pest pressures. Individual results may vary. Multi-year and multi-location data are a better predictor of future performance. DO NOT USE THIS OR ANY OTHER DATA FROM A LIMITED NUMBER OF TRIALS AS A SIGNIFICANT FACTOR IN PRODUCT SELECTION. Refer to www.pioneer.com or contact a Pioneer sales representative or authorized dealer for the latest and complete listing of traits and scores for each Pioneer® brand product.

AM1 - Optimum® AcreMax® 1 insect protection system with an integrated corn rootworm refuge solution includes HXX, LL, RR2. Optimum AcreMax 1 products contain the LibertyLink® gene and can be sprayed with Liberty® herbicide. The required corn borer refuge can be planted up to half a mile away.
AM - Optimum® AcreMax® insect protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products.
AMT - Optimum® AcreMax® TRIsect® insect protection system with RW,YGCB,HX1,LL,RR2. Contains a single-bag refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait, and the Herculex® I gene. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax TRIsect products.
AMX - Optimum® AcreMax® Xtra insect protection system with YGCB, HXX, LL, RR2. Contains a single-bag integrated refuge solution for above- and below-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Xtra products.
AMXT (Optimum® AcreMax® XTreme) - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait and the Herculex® XTRA gene. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products.
Q (Qrome®) - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait, and the Herculex® XTRA gene. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Qrome products. Qrome products are approved for cultivation in the U.S. and Canada. They have also received approval in a number of importing countries, most recently China. For additional information about the status of regulatory authorizations, visit http://www.biotradestatus.com/.
YGCB,HX1,LL,RR2 (Optimum® Intrasect®) - Contains the Bt trait and Herculex® I gene for resistance to corn borer.
YGCB,HXX,LL,RR2 (Optimum® Intrasect® Xtra) - Contains the Bt trait and the Herculex® XTRA gene for resistance to corn borer and corn rootworm.
RW,HX1,LL,RR2 (Optimum® TRIsect®) - Contains the Herculex® I gene for above-ground pests and the Agrisure® RW trait for resistance to corn rootworm.
AML - Optimum® AcreMax® Leptra® products with AVBL, YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Leptra products.

AVBL,YGCB,HX1,LL,RR2 (Optimum® Leptra®) - Contains the Agrisure Viptera® trait, the Bt trait, the Herculex® I gene, the LibertyLink® gene and the Roundup Ready® Corn 2 trait.
HX1 - Contains the Herculex® I insect protection gene which provides protection against European corn borer, southwestern corn borer, black cutworm, fall armyworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer; and suppresses corn earworm.
HXRW - The Herculex® RW rootworm protection trait contains proteins that provide enhanced resistance against western corn rootworm, northern corn rootworm and Mexican corn rootworm.
HXX - Herculex® XTRA contains the Herculex® I and Herculex® RW gene.
YGCB - The Bt trait offers a high level of resistance to European corn borer, southwestern corn borer and southern cornstalk borer; moderate resistance to corn earworm and common stalk borer; and above average resistance to fall armyworm.
LL - Contains the LibertyLink® gene for resistance to Liberty® herbicide.
RR2 - Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions.
AQ – Optimum® AQUAmax® product. **Product performance in water-limited environments is variable and depends on many factors such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. All products may exhibit reduced yield under water and heat stress. Individual results may vary.**
BMR – Brown MidRib Corn; **AQ**.
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