

TIME PROVEN. TRAIT PROVEN. FIELD PROVEN.

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
Oakridge Dairy LLC	Tolland Cty, CT
PLANTING DATE	HARVEST DATE
5/24/2022	9/12/2022

Brand	Hybrid	%DM	Yield 35%	%Starch	%Fib Dig	%uNDF	Milk/Ton
Pioneer	P9884Q	39.0	21.1	40.3	55.1	7.7	3,854
Pioneer	P0035Q	33.0	23.3	42.4	51.1	8.9	3,783
Pioneer	P0242AMXT	34.7	25.2	35.3	50.6	10.4	3,583
Pioneer	P0306Q	34.6	25.2	36.7	52.9	9.4	3,713
Pioneer	P0487Q	37.6	24.8	36.3	51.5	10.6	3,635
Pioneer	P0807Q	35.2	25.2	38.0	49.2	9.8	3,622
Pioneer	P0677AMX	33.3	22.4	31.9	56.1	9.7	3,684
Pioneer	P0732Q	30.4	21.7	32.1	52.3	10.2	3,603
Pioneer	P0789AMXT	31.7	22.9	26.2	49.9	12.1	3,469
Dyna-Gro	D48VC84RIB	35.8	23.2	41.2	45.3	9.4	3,619
Pioneer	P0817Q	30.6	20.0	38.4	49.6	9.4	3,678
Pioneer	P0947Q	33.0	22.1	33.5	53.6	9.4	3,683
Pioneer	P1089AMXT	31.4	19.7	32.5	51.9	9.7	3,636
Dyna-Gro	D52DC82RIB	29.3	18.7	35.0	46.8	10.2	3,555



MORE TRIALS. LESS ERROR.

Brand	Hybrid	%DM	Yield 35%	%Starch	%Fib Dig	%uNDF	Milk/Ton
Pioneer	P1180XR	29.4	16.5	24.6	56.2	9.8	3,627
Pioneer	P1272Q	29.9	16.8	26.6	56.3	9.1	3,657
Pioneer	P1267Q	30.1	18.1	29.1	55.1	8.8	3,672
Pioneer	P1449AMX	27.8	17.6	21.7	56.5	9.9	3,578
Pioneer	P1380Q	30.0	19.6	31.8	50.4	9.8	3,592
Pioneer	P1587Q	31.8	21.1	38.0	53.5	8.1	3,821
Pioneer	Average	32.8	22.6	35.1	51.4	9.8	3,651
Dyna-Gro	Average	32.6	20.9	38.1	46.1	9.8	3,587
Pioneer BMR	Average	31.6	18.8	29.0	55.9	9.2	3,678

- **Pioneer yield advantage to Dyna-Gro of 1.7 tons per acre = \$235 a bag of extra yield with considerably higher milk per ton for additional \$\$\$\$**
- **P9884Q Bovalta BMR had the highest milk per ton with 10% less yield than standard silage leader P0035Q under dry conditions side-by-side in plot**
- **P0306Q, P0807Q and P242AMXT all led the plot at 25.2 tons**



– 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.biotechadestatus.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.**

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