590

116 Day Maturity

MASTERSCHOICE SEEDCORN.COM

Available Options:

MC-Conventional

MPG MILK PRODUCTION GENETICS

MAXIMUM ENERGY ABSORPTION TECHNOLOGY M.E.A.T.

Silage

0 | 5 | 10

- Milk/Ton
- Tonnage
- Sugars
- Starch Availability
- NDFd

Grain

0 | 5 | 10

- Yield
- Test Weight
- Dry Down
- Kernel Digestibility
- Stress Tolerance

Strengths:

- Robust, high sugar with great tonnage and high grain yields
- 590 scored in the top 3 of the World Dairy Expo Forage Superbowl
- Large root system aids in heat/drought tolerance
- Maximum milk production potential
- Widely adapted across cropping systems and environments
- Very digestible grain quality earned our M.E.A.T. recognition

Weaknesses:

- Lower test weight, but makes up for it in raw yield

Management:

- High starch availability levels may require a ration adjustment
- Responds favorably to late season fungicide treatments
- Great silage and grain choice for average to top-end environments
- Maximum performance on well drained soils

Picture taken at 65% moisture

Nutritional Comparison Chart

**Silage Nutritional Analysis	590 VS Competitor	*Yield	C.P.	Starch	NDFd	NEL	Milk/Ton
		+1.6	-.18	+1.93	+2.05	+1.3	+284
**Grain Nutritional Analysis	590 VS Competitor	*Yield	Prolamin	7 HR Starch	*- Hybrid average yield vs. plot average **- Compared against CVAS 2011 corn silage average (aprox. 40,000 samples)		
		+.76	Below	+4.26			

Hybrid: 590

EXP #:

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Days to Relative Maturity	116	High Population Tolerance	ND
Black Layer GDU's	2840	Ear Flex	Flex
50% Silking GDU's	1355	Ear Height	M-H
Plant Height	T	Plant Population	26k-32k
Stalk Strength	9	Dry Down	7
Root Rating	9	Test Weight	6
Emergence	8	Herbicide Sensitivity	None
Seedling Vigor	8	Cob Color	Lt. Red
Husk Cover	Semi-Loose	Grain Yield	9
Stay Green	9	Silage Yield	9
Leaf Angle	Semi-Erect	Drought Tolerance	9

Breeder Comments

Large roots, high heat, and drought tolerance
Widely adapted to various corn systems and environments
Maximum performance on well drained soils

Companion Hybrids

Silage	Digestible	Grain
628 (North of TN)	628	630
6470, 6580	6470	6750
6750 (South of KY)	6580	