

The Phoenix corn hybrids listed below are known to consistently produce silage. The silage quality and yield scores are based on actual tonnage—the silage analysis values were compared to hybrids of similar maturity.

Hybrid	Maturity		Silage Ratings										Agronomic Characteristics						Disease		
	Relative Maturity (RM)	Silk RM	Yield (Ton/A)	CP (% of DM)	NDF 48 hr (%)	Starch (% of DM)	TDN (% of DM)	NEL (Mcal/lb)	Milk (lbs/Ton)	Milk (lbs/A)	Beef (lbs/Ton)	Beef (lbs/A)	Emergence	Root Strength	Drought	Plant Height	Ear Height	Staygreen	Drydown	Gray Leaf Spot	Goss's Wilt
NEW → 5352A4/GT	109	107	9	7	9	7	9	9	9	9	7	9	7	5	9	7	6	5	6	5	6
6012VZ	110	112	5	5	7	7	7	7	7	5	7	5	5	7	8	8	6	7	6	6	4
6390A4	113	113	7	5	7	5	7	7	7	7	7	7	7	7	6	8	7	6	7	5	8
6522A4	114	114	7	5	7	7	7	9	7	9	7	7	6	5	8	6	7	7	7	4	8
NEW → 6948A3	114	113	7	7	9	9	7	9	9	7	7	7	7	8	7	7	8	6	7	5	6
6523A4/VR	115	117	7	7	7	7	9	9	9	7	9	7	6	6	8	7	7	8	8	8	8
6542A4/GT	116	116	7	5	7	7	7	7	7	7	7	7	6	5	8	6	5	7	8	5	7
6606A4	116	117	7	9	9	9	9	7	9	9	9	7	7	6	6	8	9	5	8	4	3
6706A4	116	116	7	5	9	9	9	9	9	7	9	7	6	5	6	8	7	6	7	6	7
8400A4/GT	117	117	7	7	7	5	7	7	7	7	7	9	7	7	7	9	8	7	7	4	7

KEY

Rating Scale 9 = Best 1 = Worst	Plant Height 9 = Tall 1 = Short	Ear Height 9 = High 1 = Low
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TRAIT ABBREVIATIONS

A3 = Agrisure® 3000 GT	VR = Agrisure Viptera® 3110
A4 = Agrisure Viptera® 3111	VZ = Agrisure Viptera® 3220
EZ = Agrisure® 3122 E-Z Refuge®	E-Z Refuge®
GT = Agrisure® GT	

USING THIS CHART

- Yield** – Calculated on a per-acre basis and adjusted to standard moisture
- Crude Protein (CP)** – Indicates the percent content of feed component relative to other hybrids
- Neutral Detergent Fiber Digestibility 48 Hour (NDFD 48hr)** – Estimates the ruminant digestibility of the NDF fraction
- Starch** – Indicates the percent content of feed component
- Total Digestible Nutrients (TDN)** – Sum of the digestibility of different nutrients
- Net Energy Lactation (NEL)** - Net energy for lactating cows based on acid detergent fiber (ADF)
- Milk and Beef** – Production per ton and acre feed quality on a per-ton basis, and combination of yield and quality on a per-acre basis

NOTE: Hybrid characteristics such as staygreen and drought stress tolerance are also important to consider when selecting hybrids for silage. Digestibility ratings are based on NIR and in-vitro digestibility analysis. Milk performance estimates generated from University of Wisconsin equations. Comparisons should only be made among hybrids within a maturity group. Although actual silage yield and quality analysis of a hybrid will vary with environment, the relative ranking of a hybrid will be similar. These ratings are a relative performance guide. Conduct a laboratory test to determine actual silage quality when balancing a feed ration.