

FIELD EXPERIMENT HISTORY

Title: Cutting Height Effects on Corn Silage Yield and Quality
Experiment: 15Harvest **Trial ID:** 3639 **Year:** 2012
Personnel: J.G. Lauer, K.D. Kohn, and T. Diallo
Location: Arlington, WI **County:** Columbia
Supported By: HATCH

Site Information

Field: ARS406 **Previous Crop:** Soybean **Soil Type:** Plano silt loam
Soil Test: **Date:** 10/1 /12 **pH:** 6.7 **OM (%)** 3.4 **P (ppm)** 38 **K (ppm)** 131

Plot Management

Tillage Operations: Disk Chisel Field Cultivator Cultivated

Fertilizer:		<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
	Preplant	46-0-0	138 lbs/A	N/A
	Starter	10-34-0	3.0 gal/A	5 /10/12
	Post plant	N/A	N/A	N/A
	Manure:	N/A	N/A	N/A

Herbicide: Hornet 4 oz/A **Insecticide:** Force 3G 4.4 lbs/A
 Dual II Magnum 24 oz/A
 Accent Q 0.9 oz/A
 Callisto 3 oz/A

Irrigation: None

Planting Date: 5/10/12 **Planting Depth:** 1.5" **Row Width:** 30"
Target Plant Density: 32000 plants per acre **Planting Method:** Almaco Precision Planter
Harvest Date: 9/5/12 **Harvest Method:** NH 707

Notes:

Experimental Design

Design: RCB **Replications:** 4
Plot Size Seeded: 25' x 10" **Experiment Size:** 0.08 A
Harvest Plot Size: 23' x 2.5' **Harvest Plant Density:** 32546 plants per acre

Factors/Treatments:

<u>Hybrid:</u>	<u>Cutting Height</u>
Pioneer 35F48AM1	6 inches
Pioneer P1376XR	24 inches

Results: Table C-58.

