

FIELD EXPERIMENT HISTORY

Title: Corn yield response to Valent Mycorrhizae biologicals (VBC-800091)
Experiment: 14PGR **Trial ID:** 6019 **Year:** 2015
Personnel: Joe Lauer, Thierno Diallo, Kent Kohn,
Location: Arlington, WI **County:** Columbia
Supported By: HATCH

Site Information

Field: ARS372 **Previous Crop:** Soybeans **Soil Type:** Plano Silt Loam
Soil Test: **Date:** 11/16/15 **pH** 5.6 **OM (%)** 2.9 **P (ppm)** 9 **K (ppm)** 66

Plot Management

Tillage Operations:

Fertilizer:	<u>Preplant :</u>	<u>Analysis:</u>	<u>Rate lbs/A:</u>	<u>Date:</u>
		46-0-0	300 lbs/A	4 /27/15
	Starter :	N/A	N/A	N/A
	Post plant :	N/A	N/A	N/A
	Manure:	N/A	N/A	N/A

Herbicide: Dual II Magnum 24 oz/A 5/28/15
 Hornet 4 oz/A 5/28/15

Insecticide: N/A
Hybrid/Variety: DKC48-12RIB

Irrigation: N/A

Planting Date: 5/19/15

Planting Method: RTK, JD1700

Row Width: 30"

Planting Depth: 1.5"

Target Plant Density: 35000 **Plants/Acre**

Harvest Method: MF 8XP combine

Harvest Date: 10/20/15

Experimental Design

Design: RCB **Replications:** 6 **Notes:**

Plot Size Seeded: 10' x 50'

Experiment Size: 0.6 A

Harvest Plot Size: 5' x 46'

Factors/Treatments:

Treatment

- 1.) UTC / Standard Practice (untreated)
- 2.) In-furrow treatment, 0.25 fl oz/acre [0.5x rate]
- 3.) In-furrow treatment, 0.5 fl oz/acre [1x rate]
- 4.) In-furrow treatment, 1 fl oz/acre [2x rate]

Results: Tables 1514 - 03.

