

## FIELD EXPERIMENT HISTORY

**Title:** Organic Hybrid Comparison  
**Experiment:** 01 Organic-SARE **Trial ID:** 3191 **Year:** 2008  
**Personnel:** J.G. Lauer, K.D. Kohn and T. Diallo  
**Location:** Arlington, WI **County:** Columbia  
**Supported By:** SARE

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### Site Information

**Field:** **Previous Crop:** Soybean **Soil Type:** Plano Silt Loam  
**Soil Test:** **Date:** 11/1 /08 **pH:** 6.9 **OM (%)** 3.9 **P (ppm)** 36 **K (ppm)** 125

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### Plot Management

**Tillage Operations:** Chisel Plow Disk Field Digger Soil Finisher  
 CultiMulcher Tine Weed Rotary Hoe Cultivate

|                    |                     | <u>Analysis:</u> | <u>Rate lbs/A:</u> | <u>Date:</u> |
|--------------------|---------------------|------------------|--------------------|--------------|
| <b>Fertilizer:</b> | <b>Preplant :</b>   | CPM              | 1.2 Ton            | 4 /29/08     |
|                    | <b>Starter :</b>    | N/A              | N/A                | N/A          |
|                    | <b>Post plant :</b> | N/A              | N/A                | N/A          |
|                    | <b>Manure:</b>      | Dairy            | 5952 gal           | 4/28/08      |
|                    |                     | Dairy            | 7935 gal           | 4/7/08       |
|                    | Dairy               | 18.4 Ton         | 11/15/07           |              |
|                    | Dairy               | 1323 gal         | 10/25/07           |              |

**Herbicide:** None **Insecticide:** None  
**Irrigation:** None **Hybrid:** See Factors

**Planting Date:** 5/21/08 **Planting Depth:** 1.5" **Row Width:** 30"  
**Target Plant Density:** 33000 plants per acre **Planting Method:** Kinze 3000 InterRow Planter  
**Harvest Date:** 11/3/08 **Harvest Method:** Massey 8XP

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### Experimental Design

**Design:** RCB **Replications:** 3  
**Plot Size Seeded:** 200' x 90' **Experiment Size:** 5.5 Acre  
**Harvest Plot Size:** 5' x 200'  
 5' x 125' **Harvest Plant Density:** 33000 plants per acre

### Factors/Treatments:

#### Hybrids:

Blue River 49M37  
 Blue River 52A20  
 Blend of 49M37 and 52A20

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**Results: Table C-20.**

