

# TRIAL RESULTS

## EXECUTIVE SUMMARY



# CORN - WISCONSIN

Research on the effect of products containing SumaGrow® on Organic Corn in Marshall, Wisconsin

| CORN RESULTS                   |                    |                                  |                                |                                     |                     |                                |
|--------------------------------|--------------------|----------------------------------|--------------------------------|-------------------------------------|---------------------|--------------------------------|
| Treatment:                     | Yield<br>(Bu/Acre) | Increase<br>over grower standard | Total Treatment<br>(Cost/Acre) | Value/Acre<br>at \$15.90 per bushel | Revenue<br>per Acre | Increase in Profit<br>per Acre |
| SumaGrow®<br>+ 50% reduction   | 115.00             | + 21%                            | \$91.87                        | \$1,828.50                          | \$1,736.63          | + \$329.88 or 27%              |
| SumaGrow®<br>+ grower standard | 106.00             | + 11.6%                          | \$143.75                       | \$1,685.40                          | \$1,541.65          | + \$134.90 or 6%               |
| Grower Standard                | 95.00              |                                  | \$103.75                       | \$1,510.50                          | \$1,406.75          |                                |

### CONCLUSION:

The use of a product containing SumaGrow® with the recommended 50 percent (on average) fertilizer reduction has shown to improve crop performance and increase yields. In the above trial, when the fertilizer application was reduced by 50 percent and a product containing SumaGrow® was added, the corn yields increased. It should be noted that even when the fertilizer application was not reduced, when a product containing SumaGrow® was added it still out-performed the grower standard and increased profits, even with the additional input costs. However, the maximum yield increase and profit benefit were found when fertilizer was reduced by 50 percent when using a containing SumaGrow®.

### PRIMARY POINTS:

**Crop:** Organic Corn  
**Location:** Marshall, Wisconsin  
**Trial Date:** 2012

### TREATMENT APPLICATION:

**SumaGrow® + 50% reduction**

**SumaGrow® + grower standard**

**Grower Standard:** 100% standard recommended fertilizer application

