

## Nitrogen Use Efficiency And Improved Yield With Duo Maxx Fertilizer For Side Dress Nitrogen



**Crop:**  
Corn

**Researchers:**  
Contract Researcher Jay Garber  
and Timac Agro USA

**Site Locations:**  
Eastern Lancaster, Western  
Lancaster, Franklin PA

### OBJECTIVE

To compare the effects of Duo Maxx added to nitrogen fertilizer to improve both yield and nitrogen use efficiency.

### STUDY INFORMATION

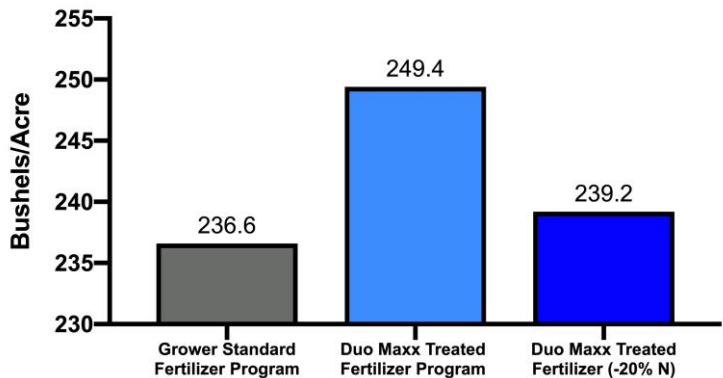
This is a three location average with each location replicated four times. All of the plots were no till with the nitrogen applied early side dress at V3. The previous crops were corn or sorghum. The nitrogen was applied at 150 units per acre as 36-0-0-7S surface applied banded.

### KEY FINDINGS

**+12.8 bu/ac**  
with Duo Maxx

*NUE of .6 units of N per bushel*

**Corn Yield Response from Duo Maxx Treated Side-Dress Fertilizer**  
(Three Locations, PA)



### APPLICATION

Trial ID: DT-19-NE-COR-DM

Treatment	Application Rate	Yield bu
Control	150 units	236.6
Duo Maxx with nitrogen	150 units	249.4 (+12.8)
Duo Maxx with 20% less nitrogen	120 units	239.2 (+3.1)

For more information on this trial, please contact [JMartin@TimacUSA.com](mailto:JMartin@TimacUSA.com)