

**OBJECTIVE**

The objective of this study was to determine what, if any, effect the application of Source would change yield.

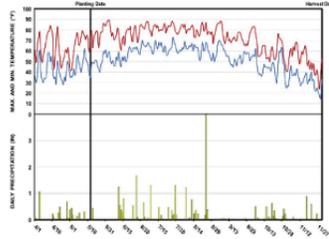


eFields Collaborating Farm  
OSU Extension  
Ashland County

**STUDY INFORMATION**

Planting Date 5/18/2023  
Harvest Date 11/30/2023  
Variety Seed Consultants 1112AM  
Population 33,000 sds/ac  
Acres 60  
Treatments 2  
Reps 3  
Treatment Width 90 ft.  
Tillage None  
Management Fertilizer, Fungicide, Herbicide, Insecticide  
Previous Crop Soybeans  
Row Spacing 30 in.  
Soil Type Hoyville silty clay, 100%

**WEATHER INFORMATION**



**Growing Season Weather Summary**

	APR	MAY	JUN	JUL	AUG	SEP	Total
Precip (in.)	3.09	2.12	5.59	5.55	7.47	0.27	24.09
Cumulative GDDs	222	578	1071	1779	2407	2866	2866

**OBSERVATIONS**

The corn planted for this trial grew well during the season. However, the corn was very slow to dry. There were no significant disease, weed, or insect issues present in the field.

**SUMMARY**

While the results were not statistically significant, the treated strips averaged 211 bushels per acre and the untreated strips averaged 202 bushels per acre.



**RESULTS**

Treatments	Stand Count (plants/ac)	Moisture (%)	Yield (bu/ac)
Control	31,108	21.4	202 a
Source 0.7 oz/acre	31,538	21.2	211 a

Treatment Means with the same letter are not significantly different according to Fisher's Protected Least Significant Differences (LSD) test at alpha = 0.1.

LSD: 9  
CV: 2.8%

**STUDY DESIGN**

This study used a strip-trial format replicated multiple times across the field to evaluate yield differences between treated and untreated strips. A calibrated yield monitor was used to determine final yield.



Corn grew well during season.



**PROJECT CONTACT**

For inquiries about this project, contact Chris Zoller (zoller.1@osu.edu).

**Average Yield Response**

