

## Impact of Row Cleaners on Corn Yield

**Study ID:** 0136109201803

**County:** Lancaster

**Soil Type:** silty clay loam; silt loam

**Planting Date:** 4/28/18

**Harvest Date:** 10/4/18

**Hybrid:** Pioneer® P1197AM

**Reps:** 9

**Tillage:** No-Till

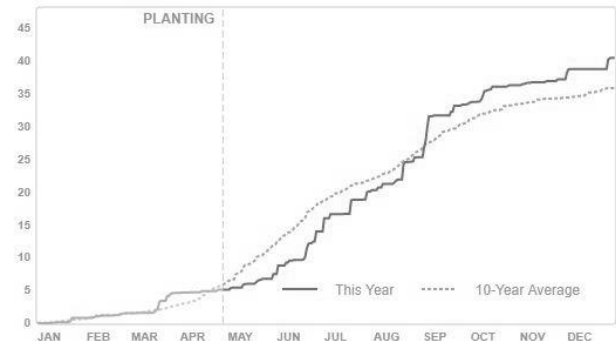
**Herbicides:** *Pre:* Bicep II Magnum® *Post:* Roundup® and Callisto®

**Foliar Insecticides:** None

**Foliar Fungicides:** None

**Irrigation:** None

**Rainfall (in):**



**Introduction:** The purpose of this study was to evaluate the impact of row cleaners on corn yield. Corn was planted with and without row cleaners. The field is in no-till practice and had a rye cover crop that was terminated mid-May at about one foot tall after corn was planted. Yield and moisture were evaluated.

### Results:

	Moisture (%)	Yield† (bu/acre)
Planting without Row Cleaners	15.4 A*	193 A
Planting with Row Cleaners	15.5 A	195 A
P-Value	0.312	0.134

\*Values with the same letter are not significantly different at a 90% confidence level.

†Bushels per acre corrected to 15.5% moisture.

‡Marginal net return based on \$3.23/bu corn and no cost for row cleaners. This cost will depend on number of units and number of years used.

### Summary:

- There was no difference in yield or moisture.
- No net return calculation is provided as this would depend on the cost of row cleaners, number of planter units, and number of years costs would be spread over.

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