



PM-13 in Corn (2016)

Minor Acres Farms - Sandy Lake, PA

Experiment Info:

Planted:	4-19-2016
Harvest:	10-30-2016
Yield Goal:	
Target Fert.:	
Variety:	
Population:	
Row Width:	30
Prev. Crop:	
Plot Size:	5 acre
Replications:	1

Soil Test Values (ppm):

pH:	7.2
CEC:	7.2
%OM:	2.3
Bray P1:	
Bicarb P:	23
K:	60
S:	
%K:	1.8
%Mg:	7.4
%Ca:	86
%H:	4.8
Zn:	
Mn:	
B:	

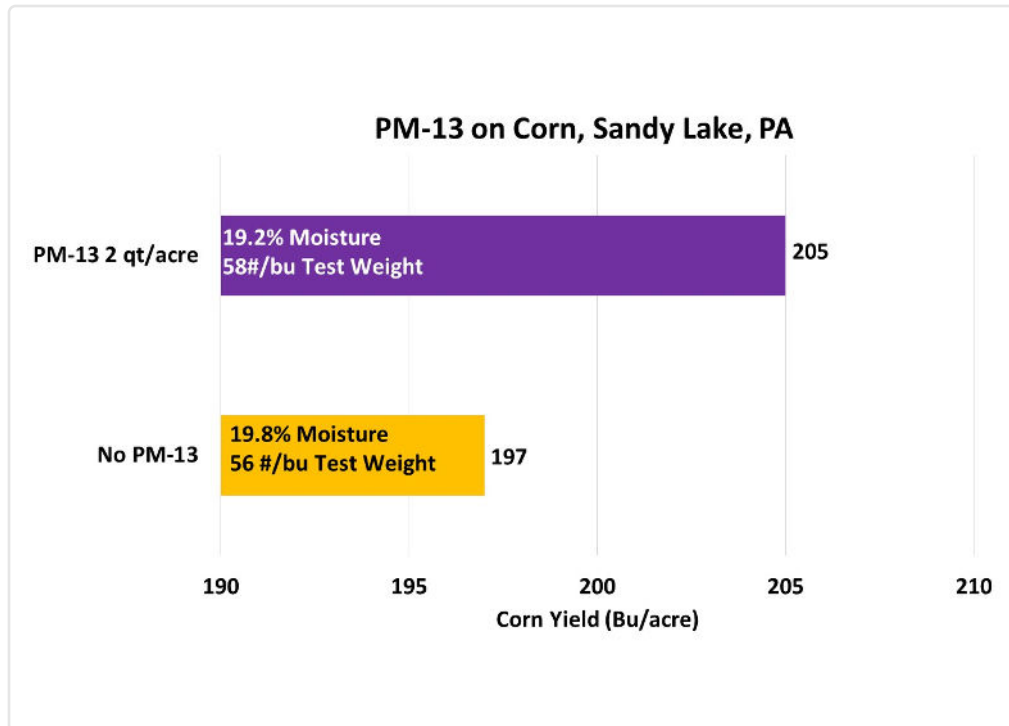
Objective:

Evaluate the performance of PM-13 as a planter fertilizer treatment in corn.

PM-13 is an experimental magnesium fertilizer designed to provide magnesium nutrition to crop plants. It is also compatible with other AgroLiquid products, including phosphorous containing products such as Pro-Germinator.

This trial was conducted by Minor Acres Farms in Sandy Lake, PA and was coordinated by Lake View Fertilizer company.

The base planter fertilizer program included 2.5 gal/acre Pro-Germinator and 2.5 gal/acre Sure-K. Half of the field received PM-13 at 2 qt/acre.



Conclusions:

- Addition of PM-13 to the planter fertilizer program increased corn yield, reduced moisture and increased test weight compared to plots not receiving PM-13.
- Observation by grower - the corn ears were noticeably larger in the PM-13 treated plots compared to the non-treated plots.