

2018 Pennsylvania 5 Acre Corn Club Harvest Report Form

Section 1:

Name _____ Telephone _____ - _____

Address _____

County _____

Region: Northern__ West__ Southeast__ SouthCentral__ Central__

Planting practices

Corn Hybrid Company _____ Hybrid Number _____

Planting Date _____

Planting Rate (seeds/acre) _____

Previous Year's Crop _____

Tillage: No-till, Tilled _____

Corn Acres in 2018 _____

How deep was this corn planted? _____

(1.25, 1.5, 1.75, 2.0, 2.25 inches, other) _____

Soil Fertility

Was this field manured in the last 12 months? _____

If so, what type of manure? _____

Starter Fertilizer Rate/Analysis _____

Pop Up _____ / _____

Other Location (2x2, over row etc.) _____ / _____

What was the total amount of N fertilizer applied including starter and sidedress N? _____

Did you sidedress any N on this field? _____

If so, how much? _____

Was a foliar fertilizer or biostimulant applied? _____

If yes, specify product _____

Weed Control

What was the herbicide program? _____

Pre-emerge _____

Post-emerge _____

Insect Control

Was an in row granular or liquid insecticide used? _____

If so, which product did you use? _____

Disease Control

How would you rate the disease level in this field? _____

None, light, moderate, or severe? _____

Did you apply a fungicide? _____

What fungicide did you apply? _____

Stage applied? (pre tassel, green silk, brown silk) _____

Section 2 (to be completed by the supervisor(s) overseeing the harvest)

Initial Yield Check _____ Recheck _____

RECHECK: If the yield calculated in the initial check does not exceed 300 bushels per acre, no recheck is required. If the initial yield check is 300 bushels or more per acre, a RECHECK IS REQUIRED with a new supervisor. Reports for both the initial check and the recheck must be sent in. The yield measured in the recheck will be considered the official yield.

First Harvest

Supervisor Name _____

Position _____

Telephone (_____) _____

Email: _____

Second Harvest (if needed)

Supervisor Name _____

Position _____

Telephone (_____) _____

Row width (inch) _____

Yield Estimate

	<u>Example</u>	_____
Average length of an individual harvest row (feet)	<u>650</u>	_____
Number of rows in the yield check	<u>36</u>	_____
Truck plus corn weight (pounds)	<u>35000</u>	_____
Truck tare weight (pounds)	<u>20000</u>	_____
Net Weight of Shelled Corn (pounds)	<u>15000</u>	_____
Grain Moisture (%)	<u>18.5%</u>	_____
Estimated Grain Yield @ 15.5%(bu/A)	<u>192.4</u>	_____

CALCULATING YIELD (Please provide your estimate of the yield, but be sure to complete each row in the Yield Estimate section so that we can calculate the official yield)

Harvest Population Estimate

Take a population sample from a minimum of 2 rows, 100 feet long, record the number of rows, average row length and the total number of plants and down and barren plants below as in example on left column.

Average length of row used for population estimate	<u>100</u>	_____
Number of rows used for population estimate	<u>2</u>	_____
Total plant count from all rows	<u>400</u>	_____
Down Plant count from all rows	<u>10</u>	_____
Barren Plant Count from all rows	<u>5</u>	_____
Plant Population	<u>34848</u>	_____

Return this form by December 1, 2018:
Pennsylvania Corn Club c/o Martin Krone
62 Mountainview Avenue
Fayetteville, PA 17222
mkron@pa.net