

2009 Pennsylvania 5 Acre Corn Club Harvest Report Form

Section 1:

Name _____ Telephone _____ - _____

Address _____

County _____

Planting practices

Corn Hybrid Company _____ Hybrid Number _____

Planting Date _____

Planting Rate (seeds/acre) _____

Previous Year's Crop _____

How many trips, including custom applications
were made across this field in the last 12 months?
(plow, disk, spray, plant, sidedress, harvest= 6) _____

Tillage: No-till, Ridge-till, Moldboard Plowed,
Minimum Tillage (Chisel/disk, Disk) _____

Corn Acres in 2009 _____

How deep was this corn planted? _____

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 _____ / _____

Did you sidedress any N on this field? _____

If so, how much? _____

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

Was a foliar fertilizer applied? _____

If Yes what analysis of foliar fertilizer _____

Weed Control

How many times, if any, was this field cultivated? _____

What was the herbicide program? _____

Pre-emerge _____

Post-emerge _____

Insect Control

Was a row insecticide used on this field? _____

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? _____

Harvest Population Estimate

Average length of row used for population estimate _____
Number of rows used for population estimate _____
Total plant count from all rows _____
Down Plant count from all rows _____
Barren Plant Count from all rows _____

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 274.9999 bushels per acre, no recheck is required. If the initial yield check is 275 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 (_____) _____

Second Harvest

Supervisor Name _____
Position _____
Telephone (_____) _____

Harvest Class

Shelled Corn Tilled _____ Shelled Corn No-till _____
Row width (inches) _____

Yield Estimate

Average length of an individual harvest row (feet) _____
Number of rows in the yield check _____
Yield weight of Shelled Corn (pounds) _____
Yield weight of Ear Corn (pounds) _____
Grain Moisture (%) _____
Estimated Grain Yield (bu/A) _____

CALCULATING YIELD (All calculations must be carried to four decimal places): First, find the number of bushels of corn harvested, corrected to 15.5% moisture , then divide by the acres harvested to get bushels per acre. To calculate bushels harvested, corrected to 15.5% moisture, you take the total pounds of corn harvested, times the difference of 100% minus the percent moisture in the corn, and divide by 47.32 (pounds of dry corn in one bushel of 15.5% corn).

Return this form by December 1, 2009 to:
Pennsylvania Corn Club c/o Mark Antle
Department of Crop and Soil Sciences
116 ASI Bldg.
University Park, PA 16802