



NEW YORK CORN & SOYBEAN GROWERS ASSOCIATION

nycornsoy.org

CORN YIELD CONTEST HARVEST REPORT FORM

PLEASE PRINT

1. Name _____ Farm/Company Name _____

Address _____ City _____ State _____ Zip _____
(Must be the same as reported on entry form)

Telephone (____) _____ Email _____

Brand _____ Hybrid Number: _____
(You must harvest the same hybrid brand and number you entered in the contest)

2. Field Location: Town _____ County _____

3. Total Acres in contest field: _____

Traits _____
i.e. Roundup Ready, Bt-Corn Borer, Bt-Rootworm, Liberty Link

4. Harvest Population _____ plants per acre.

5. Fertilizer (Actual lbs./acre applied since last crop): ☐ Check box if none were used.
Nitrogen (N) _____ Phosphorus (P₂O₅) _____ Potash K₂O) _____
Trace Elements _____ Manure _____
(Kinds and amounts) (Kinds and amounts)

When was nitrogen fertilizer applied:

Fall ____ Spring preplant ____ At planting ____ Sidedress ____

Was starter fertilizer applied with planter: Yes ____ No ____

Kind and amount _____

How was nitrogen fertilizer applied: _____ Broadcast amount applied _____
_____ Incorporated amount applied _____
_____ Foliar amount applied _____

6. Tillage System (Circle one)
No-Till Strip-Till Ridge-Till Minimum-Till Conventional Till

7. Soil: (i.e. Hd, Honeoye fine sandy)
Symbol: _____
Name: _____

8. Date Harvested _____

Note: Review the Harvest Rules before completing

From an entered field of at least 5 acres, a continuous area of at least **1.25 acres** must be measured, harvested and accurately weighed in the presence of an unbiased supervisor. The contest supervisor may be a NRCS or SWCD staff person, FSA employee, Extension Agent, farm lending institution representative, FFA or Vocational Ag instructor, private crop consultant, state/private college agricultural staff member, crop insurance agent or a retiree from one of these occupations. The representative may have no financial or direct business ties to a company selling agri-business supplies.

The harvested area must be exclusive of headlands and outside rows, and include more than one combine pass. The grain can be weighed by weigh wagon or certified scales.

Any plot that yields more than 350 bu./acre of grain (15.5% moisture) must have a second contiguous 1.25 acres weighed. The second 1.25 acres must adjoin the first harvested area. The average of the yields from the two harvested areas will be considered the final yield.

Round all calculations to two decimal places

9. Number of rows harvested on one pass through field _____

Width between planter row units = _____ inches

Row width: (based on spacing of the planter row units)

divided by 12 = _____ feet of row width (ie. 30 divided by 12 = 2.5 ft)

Conversion Chart			
Inches = 3 decimals			
1" = .083	2" = .167	3" = .250	4" = .333
5" = .417	6" = .500	7" = .583	8" = .667
9" = .750	10" = .833	11" = .917	

10a. Row length in feet (First harvested plot)

Record each pass through field.

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

Total length of all rows = _____ ft.

11a. Total length of all rows harvested _____ x row width _____ divide by
(From #10a Total) (From #9, Feet)
43,560 (square feet in one acre) = _____ acres harvested.
(Minimum of 1.25 acres required)

12a. Total bushels of corn harvested (**Note: Harvest "A" on original weigh tickets attached to this form**):

Load A gross _____ minus tare _____ = _____ pounds of corn.

Load A actual corn moisture percent _____ (2 decimal places only).

Load A pounds of corn _____ x (100-% actual moisture) x 0.01 _____

Divide by 47.32 (pounds of dry corn/bushel) = _____ bushels harvested.

13a. _____ bushels harvested divided by _____ acres harvested (From Line Above) (From 11a) = _____ bushels per acre.
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Reweigh if first harvested area is over 350 bushel per acre.

10b. Row length in feet (Second harvested plot)
Record each pass through field.

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

_____ X _____ ft. = _____ ft.
of rows harvested Row length Total row length
one pass

Total length of all rows = _____ ft.
(use in line 11b below)

11b. Total length of all rows harvested _____ x row width _____ divide by
(From line 11b Total) (From line 11 Feet)
43,560 (square feet in one acre) = _____ acres harvested.
(Minimum of 1.25 acres required)

12b. Total bushels of corn harvested (**Note: Harvest "B" on original weigh tickets attached to this form**):

Load B gross _____ minus tare _____ = _____ pounds of corn.

Load B actual corn moisture percent _____ (2) decimal places only).

Load B pounds of corn _____ x (100 - % actual moisture) x 0.01 _____

Divide 47.32 (pounds of dry corn/bushel) = _____ bushels harvested.

13b. _____ bushels harvested divided by _____ acres harvested

(From Line 12b-Total load B)

(From line 11b)

= _____ bushels per acre.

14. FINAL YIELD:

Harvest A: _____ bushels per acre (line 13a)

Harvest B: _____ bushels per acre (line 13b)

Total _____ bushels (divide by 2) equal

FINAL YIELD _____ **Bushels per acre**

15. CALCULATING ACRES HARVESTED:

The total row length times the row width divided by 43,560 (square feet in one acre) equals acres harvested.

EXAMPLE: Four-row harvester, 20 rows harvested, each row 1,210 feet long. Row width 2.5 feet. $1,210 \times 20 = 24,200$ x 2.5 divided by 43,560 = 1.39 acres.

16. WEIGHING: All corn must be weighed on certified scale or a calibrated weigh wagon. Supervisors must be present during the entire harvest check including harvesting, weighing (gross and tare) and moisture testing.

A weigh ticket *must be attached* to the Harvest Report Form (if using certified scales). It must have the *location of the weighing* and the *name of the person doing the weighing*.

17. MOISTURE TESTING: An experienced person must make a moisture determination of a representative sample of the corn. It is best to have the sample run through the meter three times and take an average. **Moisture percent must be listed on weigh ticket or written on the harvest form.**

18. CALCULATING YIELD (All calculations must be carried to two 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).

EXAMPLE: 16,580 pounds of corn at 21.25% moisture.

$16,580 \times 78.75\%$ (100% minus 21.25%) divided by 47.32 = 275.92 bushels of corn at 15.5% moisture.

275.92 divided by 1.39 acres = 198.50 bushels per acre.

19. HARVEST FORM: The Harvest Report form must be signed by the supervisor(s).

20. The Harvest Report Form with all items properly completed should be mailed to:
Ashley Fazio, Genesee County CCE, 420 East Main St. Batavia 14020.

Reports should be POSTMARKED by the U.S. Postmaster within seven (7) days after the final yield check is taken and no later than December 1st of the contest year.

21. No information on Contest results will be released until the results are finalized and printed. There will be no exceptions.

22. Decisions of NYC&SGA's Contest Committee in all matters are final. The Committee reserves the right to disqualify any entry without a refund for violation of these stated rules.

23. We, the undersigned, supervised the field measuring, harvesting, weighing, moisture testing, yield calculation, and reporting to the NYC&SGA office as prescribed in the rules and regulations of the New York Corn and Soybean Growers Association's Corn Yield Contest. To the best of our knowledge, these figures are accurate. We do not have financial or direct business ties to a company that sells agribusiness supplies.
Only one supervisor is required.

Designated Representative (Please Print Name): _____

Signature Designated Representative: _____ Date: _____

Occupation of Designated Representative: _____ Phone: _____

Grower Signature: _____ Date: _____