



# 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 \_\_\_\_\_

2. If you entered more than one hybrid or field in the contest, give the corresponding number designation you assigned on your ENTRY FORM, i.e., Grain Entry #1, or #2,

ENTRY \_\_\_\_\_ Maturity Group: \_\_\_\_\_  
**(You must harvest the same hybrid brand and number you entered in the contest)**

3. Field Location: Town \_\_\_\_\_ County \_\_\_\_\_

4. Total Acres in contest field: \_\_\_\_\_

5. Brand \_\_\_\_\_ Hybrid Number \_\_\_\_\_  
Traits \_\_\_\_\_

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

6. Harvest Population \_\_\_\_\_ plants per acre.

7. 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 \_\_\_\_\_

8. Tillage System (Circle one)

No-Till    Strip-Till    Ridge-Till    Minimum-Till    Conventional Till

9. Soil: (i.e. Hd, Honeoye fine sandy)

Symbol: \_\_\_\_\_

Name: \_\_\_\_\_

10. Date Harvested \_\_\_\_\_

**Note: Review the Harvest Rules before completing**

From an entered field of at least ten (10) 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 calibrated and approved weigh wagons or certified scales.

**Any plot that yields more than 300 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.

**\*Record all calculations to two decimal places\***

11. 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

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	

12a. 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.

(use in line 13a below)

13a. Total length of all rows harvested \_\_\_\_\_ x row width \_\_\_\_\_ divide by  
(From line 12a Total) (From line 11 Feet)  
43,560 (square feet in one acre) = \_\_\_\_\_ acres harvested.  
(Minimum of 1.25 acres required)

14a. 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 adjusted moisture (100%-% actual moisture) \_\_\_\_\_

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

15a. \_\_\_\_\_ bushels harvested divided by \_\_\_\_\_ acres harvested  
(From Line 14a-Total load A) (From line 13a)  
= \_\_\_\_\_ bushels per acre.

**Reweigh if first harvested area is over 300 bushel per acre.**

12b. 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 13b below)

13b. Total length of all rows harvested \_\_\_\_\_ x row width \_\_\_\_\_ divide by  
(From line 12b Total) (From line 11 Feet)  
43,560 (square feet in one acre) = \_\_\_\_\_ acres harvested.  
(Minimum of 1.25 acres required)

14b. 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 adjusted moisture (100%-% actual moisture) \_\_\_\_\_

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

15b. \_\_\_\_\_ bushels harvested divided by \_\_\_\_\_ acres harvested

(From Line 14b-Total load B)

(From line 13b)

= \_\_\_\_\_ bushels per acre.

**16. FINAL YIELD:**

Harvest A: \_\_\_\_\_ bushels per acre (line 15a)

Harvest B: \_\_\_\_\_ bushels per acre (line 15b)

Total \_\_\_\_\_ bushels (divide by 2) equal

**FINAL YIELD \_\_\_\_\_ Bushels per acre**

**17. 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.*

**18. 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. It must have the location of the weighing and the name of the person doing the weighing.*

**19. 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 attach moisture ticket.**

**19. 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.*

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

21. The Harvest Report Form with all items properly completed should be mailed to: Mike Stanyard, Wayne County CCE, 1581 Route 88N. Newark, NY 14513.

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 1<sup>st</sup> of the contest year.

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

23. 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.

24. 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.**

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Printed Name of Supervisor

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Signature

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Employed by

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Job Title/Occupation

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Address

---

City, State, Zip

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(       )

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Telephone Number

25. ENTRANT'S SIGNATURE \_\_\_\_\_ Date: \_\_\_\_\_