



# 2018 Michigan Soybean Yield Contest

Sponsored by:



Harvest reporting  
Deadline

Nov. 12, 2018

## 2018 CONTEST HARVEST REPORT FORM and RULES

This form must be completed in full, signed, and postmarked no later than November 12, 2018. If you have any questions, contact Ned Birkey at [birkey@msu.edu](mailto:birkey@msu.edu) or 734.260.3442.

PLEASE PRINT OR TYPE ALL INFORMATION.

### Section I:

Name \_\_\_\_\_ Work (\_\_\_\_\_) \_\_\_\_\_

Address \_\_\_\_\_ Home (\_\_\_\_\_) \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_ Mobile (\_\_\_\_\_) \_\_\_\_\_

E-Mail \_\_\_\_\_ Fax (\_\_\_\_\_) \_\_\_\_\_

County \_\_\_\_\_

### Section 2: CONTEST ENTRY AND HARVEST RULES:

1. Eligible Michigan farmers can submit up to two paid entries, though each person can win only once. Eligible persons include a farming man, woman, husband, wife, brothers, father, son, etc. MSU Extension personnel and Michigan Soybean Promotion Committee directors or staff are not eligible.
2. Each contest entry must be at least 5 continuous acres of only one soybean variety. The field can be in contour or straight rows. The soybean entry must be a commercially available variety and can have traits such as, Roundup Ready, "conventional", or of saved seed if legal to do so.
3. The land entered in the contest must be either owned or leased by the entrant. *If rented, the landowner is not eligible to enter the contest.*

4. The harvested area must be at least 2 continuous acres. Measuring can be done with a wheel or tape, and must be measured on foot and not by vehicle.
5. Grain weights can be taken from a calibrated weigh wagon or weigh slip from a state inspected scale of a grain elevator. Grain weights taken from combine yield monitors are not acceptable.
6. Grain moisture and test weight can be from portable or elevator equipment.
7. The Supervisor is the person that is to verify the acreage, grain and yield harvest data. This person **MUST** be impartial and cannot be anyone with a vested interest in the farmer's operation or entry field. A supervisor or assistant cannot be related to the entrant, be a soybean seed representative, chemical or fertilizer dealer, or be an employee, employer, manager or consultant of the entrant or of his/ her farm. **See Section 6 for more information about the supervisor and his/ her contact information and witness signature.**

### Section 3: HARVEST REPORT FORM:

The contest entry must be harvested in accordance with the harvest procedures set forth by the Sponsors in this Harvest Report Form.

Harvest Report Form is required to be completed and sent to the Spartan Ag Office **postmarked no later than ten days after the contest field is harvested or no later than November 12, 2018, whichever date is earlier.** Be sure to allow enough time in mailing your Harvest Report Form so that the deadline can be met. It is the responsibility of the entrant to see that their Harvest Report Form is properly completed and mailed.

### Section 4: CONTEST AWARDS:

1. Trophies and other prizes will be awarded to highest yielding entrant in each of the six contest classes who complete all the contest requirements and subject to the limitation below. Additional prizes will be awarded to the second highest yielding entrant of each class and other "highest yielding" participants as determined by the contest sponsors.
2. Each person is eligible to win only once. If an entrant enters two varieties, one each in two classes, and both entries are the highest yielding of that class, they will be awarded only for the highest-yielding of the two entries. Awards will be presented in conjunction with the 2019 Great Lakes Crops Summit, January 30-31, 2019 in Mount Pleasant, MI.
3. Each class winner will receive a trophy for the farm office and a personalized jacket or vest.
4. All entrants who complete the contest harvest form and pay the fee shall receive a personalized hat and other prizes by participating seed and chemical companies.

### Section 5: ENTRY INFORMATION

1. A separate Harvest Form is required for each entry. Photocopies of Harvest forms are allowed. Additional forms are available electronically at the Michigan Soybean Association website: [www.michigansoybean.org](http://www.michigansoybean.org) or from Ned Birkey.
2. Entry # \_\_\_\_\_ (Example: Entry #1 Jones Farm, Entry #2 Smith Farm front 40)
3. Check class entered: (Circle the letter of the entry)

- (Class A) Late Maturity (2.7 to 3+) Non-Irrigated (dry land)
- (Class B) Late Maturity (2.7 to 3+) Irrigated
- (Class C) Mid Maturity (2.1 to 2.6) Non-Irrigated (dry land)
- (Class D) Mid Maturity (2.1 to 2.6) Irrigated
- (Class E) Early Maturity (1+ to 2.0) and can be either irrigated or dry land
- (Class F) Non-GMO (can be of any maturity and can be either irrigated or dry land)

4. Seed Company and variety entered. \_\_\_\_\_

5. Entry field: **(circle one)**      Owned      Leased

6. Date Planted \_\_\_\_\_      Planting Rate (seeds per acre) \_\_\_\_\_

7. Row Spacing (inches) \_\_\_\_\_      Previous Year's Crop \_\_\_\_\_

8. Planter/Drill \_\_\_\_\_

9. Please list any fungicidal or insecticidal seed treatment. Example: Cruiser Maxx  
 \_\_\_\_\_

10. Please list any seed inoculant used \_\_\_\_\_

11. Most recent soil test on the entry field? **(Circle one)** Yes (year) \_\_\_\_\_ No

Soil test P \_\_\_\_\_ lb/A or ppm **(circle one)**      Soil test K \_\_\_\_\_ lb/A or ppm **(circle one)**

Soil test pH \_\_\_\_\_      CEC \_\_\_\_\_

13. Pre-plant or planter box fertilizer and/or manure applied (timing, analysis and application rates):  
 \_\_\_\_\_

14. Tillage: **(Circle if no till)**

No Tillage used

Shallow Tillage (6" or less) Equipment used \_\_\_\_\_ # of trips \_\_\_\_\_

Deep Tillage (7" or more) Equipment used \_\_\_\_\_ # of trips \_\_\_\_\_

15. Herbicides:

Product Name	Rate/Acre Amount	How applied (banded or broadcast)	When Applied (Previous Fall treatment, or pre-plant, at planting, pre-emerge, or post-emerge)
_____			lbs,oz,pts,qts,gal
_____			lbs,oz,pts,qts,gal
_____			lbs,oz,pts,qts,gal

16. Foliar Insecticides: Check box if none were used.

Product Name \_\_\_\_\_ Rate/Acre Amount (Circle One) \_\_\_\_\_ Plant growth stage applied \_\_\_\_\_ Date Applied \_\_\_\_\_  
 \_\_\_\_\_ lbs,oz,pts,qts,gal

17 Foliar Fungicides: Check box if none were used.

Product Name \_\_\_\_\_ Rate/Acre Amount (Circle One) \_\_\_\_\_ Plant growth stage applied \_\_\_\_\_ Date Applied \_\_\_\_\_  
 \_\_\_\_\_ lbs,oz,pts,qts,gal  
 \_\_\_\_\_ lbs,oz,pts,qts,gal

18. Foliar Fertilization: Check box if tank mixed w/herbicide, fungicide or insecticide.

Product Name and Analysis \_\_\_\_\_ Rate applied \_\_\_\_\_ Plant growth Stage applied \_\_\_\_\_ Date applied \_\_\_\_\_  
 \_\_\_\_\_

19. Harvest date: \_\_\_\_\_

20. Number of pods per plant from a sample of two or three typical plants. \_\_\_\_\_

21. Estimated number of seeds per pod of the sample plants. (circle one)  
 2.0 seeds    2.5 seeds    3.0 seed    3.5 seeds    4.0 seeds    Other \_\_\_\_\_

22. Are soybean cyst nematodes (SCN) present in this field? (circle one):    Yes    No    Don't know

23. Which insects were present, feeding or damaging? Check insects below.

- |                               |                                  |
|-------------------------------|----------------------------------|
| • Soybean aphids _____        | • Potato leafhoppers _____       |
| • Bean leaf beetles _____     | • Two-spotted spider mites _____ |
| • Grasshoppers _____          | • Stink bugs _____               |
| • Japanese beetles _____      | • Soybean thrips _____           |
| • Grubs _____                 | • Western bean cutworm _____     |
| • Corn rootworm beetles _____ | • Others? _____                  |

24. What diseases were present and/or damaging? Check diseases below.

Phytophthora root rot	Downy mildew
Fusarium root rot	Powdery mildew
Rhizoctonia root	Septoria brown spot
Pythium seedling rot	Frogeye leaf spot
Sclerotinia white mold	Charcoal rot
Sudden death syndrome	Pod and stem blight
Brown stem rot	Soybean mosaic virus
Bacterial leaf blight	Others?
Bacterial pustule	Others?

25. What weeds were predominant this season? \_\_\_\_\_

26. How much rainfall did this field receive this growing season? \_\_\_\_\_ Inches

27. How many inches of water were applied via irrigation this growing season? \_\_\_\_\_ Inches

28. Combine used for harvest. \_\_\_\_\_

29. Width of combine platform or harvest width (in feet, to nearest ½ foot, i.e. 17.5 feet) \_\_\_\_\_

30. Acres harvested to two decimal places (minimum of 2.00 acres).  
Length of each combine pass in feet (to two decimal places).

1. \_\_\_\_\_ 2. \_\_\_\_\_  
3. \_\_\_\_\_ 4. \_\_\_\_\_

Total length (feet) \_\_\_\_\_ X width \_\_\_\_\_ / 43,560 = \_\_\_\_\_ acres (two decimal places)

31. Total weight of grain harvested. \_\_\_\_\_ pounds  
Grain weight must be from a weigh wagon or an elevator weigh slip. NO COMBINE YIELD MONITOR.

32. Moisture (from tester or elevator) of the grain harvested to nearest tenth. \_\_\_\_\_

33. Test weight of grain harvested to nearest half pound (if taken). \_\_\_\_\_

34. Grain weight \_\_\_\_\_ X (100% - *actual moisture* %) \_\_\_\_\_ ÷ 52.20 (lbs. of dry soybeans/bushel)

= \_\_\_\_\_ bushels harvested (@ 13% moisture) ÷ \_\_\_\_\_ acres harvested

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

(Bushels per acre calculated to two decimal places)

**(Calculate the yield to two decimal places)**

Example: 9,000 lbs. X 0.855(100% - 14.5%) ÷ 52.20 = 147.41 bushels of soybeans (@ 13% moisture)

147.41 bushels ÷ 2.5 acres = 58.97 bushels per acre

## Section 6: Supervisor

The entrant agrees to have one of the following persons serve as the harvest supervisor; an FFA Advisor, Vocational Agricultural Instructor, County Extension Agriculture Educator, Staff Person with USDA Natural Resources Conservation Service or Conservation District, Loan Manager/Officer of Farm Service Agency, a Farm Credit Services representative, bank Ag loan officer, private crop consultant (not used by the entrant), state or private college agriculture staff, farm manager accredited by the American Society of Farm Managers, a crop insurance Agent/Adjuster, or a retired person from the above list.

The supervisor cannot be related to the entrant/ family, or have any financial or direct business ties to the entrant/ family. The supervisor must be totally independent to the

entrant's farm business.

NOTE: If the original Supervisor cannot participate, then the farmer should secure someone else from the list above. The supervisor is responsible for personally overseeing all computations and field measurements and must be present during harvesting, weighing and moisture testing.

The entrant is responsible for mailing the information to the Spartan Ag Office.

Sponsors reserve the right to contact the harvest Supervisor to validate compliance with contest rules. SPONSORS ALSO RESERVE THE RIGHT, WITH ADVANCE NOTIFICATION, TO OBSERVE ANY HARVEST.

_____ Name of Supervisor	_____ Job Title/Occupation
_____ Employed by	_____ Address
_____ E-Mail Address (_____)_____	_____ City State Zip code
_____ Business Phone	_____ Signature

Sponsors reserve the right to have their designated representative view and/or inspect with prior notice, any varieties entered at any time. Sponsors also reserve the right to disqualify any entry in violation of the stated contest rules.

I hereby certify the above information given on this harvest application to be accurate to the best of my knowledge. I agree that all Contest information provided by me pursuant to this Soybean Yield Contest shall be the property of the Sponsors and can be used and distributed at the sole discretion of the Sponsors.

(Signature of Entrant) \_\_\_\_\_ Date \_\_\_\_\_

Send the completed Harvest Form postmarked no later than November 12, 2018 to:

Spartan Agricultural Consulting LLC, P.O. Box 57, Ida, MI 48140-0057. Contact Ned Birkey at [birkey@msu.edu](mailto:birkey@msu.edu) or 734.260.3442 with questions.

- \*\* Decisions of the Sponsors in all matters are final.
- \*\* All contest participants who complete the Harvest form and pays the entry fee, will be invited to an awards and educational meeting where the Soybean Yield Contest winners will be recognized. In recent years (and for the 2018 winners), this has been the Great Lakes Crop Summit at the Soaring Eagle Resort, Mt. Pleasant, MI.
- \*\* Participant names are not released to the media except for the class winners.
- \*\* All participants, including Class winners, will be notified by mail.