

# 2021 PENNSYLVANIA SOYBEAN YIELD CONTEST

## HARVEST REPORT

SPONSORED BY THE  
PENNSYLVANIA SOYBEAN BOARD



You have been entered in the 2021 Contest, but you must complete this form with verified information as indicated by the rules on the entry form, include 1 pint seed sample and a soil sample which will be tested for fertility and nematode presence. Take soil samples within the root zone so that some roots are present. \*\*\*\*\*Note: A mandatory seed protein and oil will be paid by the PA Soybean Board. The grower must voluntarily obtain a 1-pint sample (obtain a random sample by collecting the sample as the combine is unloading), put the sample into a plastic bag. Take 15-20, 6" deep core soil samples next to a soybean plant so that some of the roots are contained in the sample. Return soybean and soil sample in a plastic bag by **November 15, 2021**, to the following address: **Delbert G. Voight, Jr., 129 Spruce Ave., Fredericksburg, PA 17026.**

Questions? Phone 717-821-0699-Del, 215-407-8950-Andrew

<u>PLEASE PRINT</u>		
<b>Growers Name:</b>	_____	
<b>Address:</b>	_____	
	<i>Street Address / PO Box</i>	
	<i>City</i>	<i>State</i>
		<i>Zip</i>
<b>County:</b>	<b>Telephone:</b> (     )	-

Harvest Date:     /     /
Header Width ____: Length of 1 <sup>st</sup> pass ____; 2 <sup>nd</sup> Pass ____; 3 <sup>rd</sup> Pass ____; 4 <sup>th</sup> Pass ____; 5 <sup>th</sup> Pass ____     Total Min. of 54,450 sqft needed     sqft: ____;     sqft: ____;     sqft: ____;     sqft: ____;     sqft: ____ = ____
Acres harvested (Minimum 1.25 acres for Contest; complete passes through the field, Skipping 2 passes):
Total Pounds Harvested (Use scales certified by County or PDA weights and measures within the last year, heavy weight minus light weight):
Percent Grain Moisture (Use certified moisture testing device certified by County or PDA weights and measure within the last year.):
Yield per Acre (If you want to calculate yield, take total pounds x (100- % moisture) x 0.01 divided by 52.2 (dry wt. of 1 bu. of soybean at 13% moisture) divided by acres harvested. Acres harvested and yield per acre will be calculated by the committee for final yield determination):
<b>Signature of Supervisor:</b>
<b>Occupation of Supervisor:</b>
<b>Address and Phone of Supervisor:</b>
<b>Grower's Signature</b>

Grower's Name: \_\_\_\_\_  
 Variety (Company Brand & Number): \_\_\_\_\_  
 Seeds per pound (off of seed bag): \_\_\_\_\_  
 Seed treated with:  None  Cruiser MAX  Exeleron  Pioneer Premium  Planter box (hand treated)  
 Acceleron plus Gaucho  Other please specify \_\_\_\_\_  
 Rhizobia inoculation:  Yes  No Inoculation type:  Dry  Liquid  Pre inoculated  
 Previous crop:  Corn  Soybean  Small Grain  Other  
 Tillage:  No-till  Min-till  Conventional  
 Planting equipment:  Drill  Corn planter  
 Calibrated planting equipment this year:  Yes  No  
 Seeding rate per acre (plants per acre): \_\_\_\_\_  
 Row spacing: \_\_\_\_\_ Planting date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 Nitrogen fertilizer:  Yes  No Foliar fertilizer:  Yes  No  
 Biostimulant used:  Yes  No  Product Utilized (Bio Forge, Ratchet etc.) \_\_\_\_\_  
 Soil test (within last 3 years):  Yes  No PH \_\_\_\_\_ L-M H P \_\_\_\_\_ L-M-H K \_\_\_\_\_  
 Herbicide Applied:  Yes  No  
 Name of herbicide(s) Pre: \_\_\_\_\_ Post: \_\_\_\_\_  
 Foliar fungicide applied:  Yes  No Brand name of fungicide: \_\_\_\_\_  
 Disease:  Rust  White mold  Downy mildew  Other (indicate): \_\_\_\_\_  
 Foliar insecticide applied:  Yes  No Brand name of Insecticide: \_\_\_\_\_  
 Insects:  Aphid  Bean beetle  Spider mite  Grasshopper  Thrips  Other (indicate) \_\_\_\_\_  
**Supervisor required to fill out:**  
 Pod counts: take at least 3-5 plants in different areas count total number of pods per plant.  
 Plant lodging % : Visual estimate:  less than 10%  10-30%  greater than 30%  
 Final Stand Count: Average plants per foot at or after harvest (minimum 20 foot of row)  
 total plants counted in 20 feet divided by 20): **Average plants per foot of row:** \_\_\_\_\_ **OR PPA** \_\_\_\_\_  
 Harvest Loss: Determine seed loss per square foot \_\_\_\_\_  
 Suggested method: Count **total soybeans** and any **pods** that were not harvested in a 100 sqft area (10' x 10')  
 convert pods not harvested to seed count by multiplying by 2.5 to arrive at total beans not harvested  
 Main limiting yield factor: \_\_\_\_\_  
 Cover crop after soybean harvest:  Yes  No Type: \_\_\_\_\_

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## **RULES:**

1. Notice of intent to participate must be submitted and postmarked by September 10, 2021. One entry per farm.
2. A 1.25-acre area within a minimum of a 5-acre field located within the physical boundaries of Pennsylvania shall be selected by the grower. Sample must be harvested with the full header width, skipping two header widths in the field between passes. All end--rows and an equal number of side rows must be removed before starting a supervised harvest. The harvested area must include complete passes through the field (except for field border removal). Harvest reports, grain and soil nematode samples must be submitted and postmarked by November 15, 2021.
3. A designated representative\* (other than the grower) shall:
  - a. Measure the test area.
  - b. Be present when the test area is harvested.
  - c. Supervise weighing on state inspected scales or an approved weigh wagon.
  - d. Sign the report.

*The designated representative may be an NRCS (SCS) staff person, Extension employee, Production Credit Association representative, FHA representative, FFA Vocational Ag instructor, bank Ag loan officer, private crop consultant, state/private college agricultural staff member 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 (i.e., be totally independent).*

*\*The previous year's winner MUST have TWO designated representatives when entering the contest following the winning year.*

4. Only one entry per farm will be accepted. Pennsylvania Soybean Board members and any designated representative as outlined above are ineligible for prizes.
5. There is no charge for contest participation.
6. Moisture content shall be obtained on a state-approved moisture meter.
7. A mandatory seed protein and oil analysis will be paid by the Pennsylvania Soybean Board. Growers should obtain a one-pint random sample (collected as the combine is unloading), put it in a plastic bag, enclose it in a box, and send it with the Harvest Report Form. Indicate the grower's name and address, and that the sample is from the PSB Soybean Contest
8. Acre yields will be calculated on the basis of 13% moisture.
9. Awards for growers: Participants must complete all required forms provided with the application and meet all other requirements as herein stated to become eligible for awards.
  - a. The grower in each region who is certified in the contest as having the highest yield per acre of non-irrigated beans in accordance with contest rules will be declared the Yield Champion for that region and will receive a prize and a plaque. A State Yield Champion will also be declared.
  - b. The grower in each region who is certified in the contest as having the highest oil/protein in accordance with contest rules will be declared the winner for that region and will receive a plaque.
  - c. The grower who is certified in the contest as having the highest yield per acre of irrigated beans in accordance with contest rules will be declared the state winner for irrigated beans and will receive a plaque. Growers producing ninety (90) bushels or more per acre will be publicized at the time region and state winners are acclaimed.
10. Production practices used by participants producing 90 bushels or more per acre will be publicized at the time the region winners are announced.

## Harvest Supervisor Partial List

Must not be affiliated with industry supplier or sales of ag products

Last Name	First Name	Phone	Region	Company
Troisi	Gerard	570-922-1838	Central	Crop Consultant
Murillo-Williams	Adriana	814-355-4897	Central	PSU
Bosak	Liz	717-921-8803	Central	PSU
Clark	Brittany	717-263-9226	Central	PSU
Strait	Greg	717-485-4111	Central	PSU
Miller	Dwane	570-622-4225	Central	PSU
Busch	Anna	570-556-4756	Central	PSU
Larson	Zach	814-414-0582	Central	PSU
Roth	Greg	814-774-3865	Central	PSU Retired
Kyper	Russell	814-627-0055	Central	Crop Consultant
Hunter	Joel	814-333-7460	Northern	PSU
Santangelo	Nicole	814-274-8540	Northern	PSU
Hartman	David	570-433-3040	Northern	PSU
Loveland	Carol	570-433-3040	Northern	PSU
Stutzman	Phil	610-682-4138	South Central	Crop Consultant
Stutzman	Jon	610-682-4138	South Central	Crop Consultant
Graybill	Jeff	717-394-6851	South Central	PSU
Linde	Axel	717-529-6963	South Central	
Witmer	Lamar	717-333-3347	South Central	Crop Consultant
Ressler	Leon	717-394-6851	South Central	PSU
Martin	Wesley	717-733-3651	South Central	Crop Consultant
Hoover	Keith	717-721-6795	South Central	Team Ag
Voight	Del	717-270-4391	South Central	PSU
Reed	Heidi	717-840-7186	South Central	PSU
Rowehl	John	717-829-1331	South Central	PSU Retired
Hebrock	Nick	610-682-4138	South Central/Southeast	Stutzman Crop Care

Rosenbaum	Eric	484-788-7263	South Central	Rosetree Consulting
Shirk	Mitchell	484-788-7263	South Central	Rosetree Consulting
Haussener	Phil		South Central	Ag Educator
Frankenfield	Andrew	610-489-4315	Southeastern	PSU
Brackenrich	Justin	724-287-4761	West	PSU
Gallegher	William		West	PSU Retired
Schurman	Gene		West	PSU Retired
Young	Brett		West	Ag Preservation