

## 8. GUIDELINES FOR THE NORTH CAROLINA PEANUT PRODUCTION CONTEST AND 5,000 POUND CLUB

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### BACKGROUND AND CRITERIA

For many years the North Carolina Peanut Growers Association, in cooperation with NC State Extension, has supported a peanut production contest at county and state levels and a luncheon to recognize farmers producing an average of at least 5,000 pounds per acre on all of their production. Information in Table 8-1 shows the average yield of the 5,000-pound club members from 2014 to 2018 in contrast with state averages and growers attending county production meetings. Entries should be sent to Bob Sutter (sutter@aboutpeanuts.com) and David Jordan (david\_jordan@ncsu.edu) by January 20 to be eligible. Growers with a point total of 60 or more will also be recognized as a member of *The Group of Sixty*. Achieving 60 points, as outlined in the next section, is truly remarkable.

**Table 8-1. Peanut yield (pounds/acre) from 2014 to 2018**

Year	State Average	Grower Meetings Participants	5,000 Pound Club
2014	4,320	4,860 (3,600 to 6,400)	5,660
2015	3,400	4,080 (0 to 5,700)	5,700
2016	3,450	3,840 (0 to 5,740)	5,540
2017	4,030	4,650 (2,300 to 6,530)	5,500
2018	3,780	4,340 (600 to 6,010)	5,470

The peanut production contest involves a combination of yield per acre and additional points based on total acreage. The following criteria are currently being used and include an example calculation.

1. *Eligibility.* Must produce at least 25 acres of peanuts.
2. *Requirements:*
  - A. *Variety*—Any variety can be grown.
  - B. *Acreage*—The entire peanut acreage under production by an individual will be used to determine official yields. The applicant enters the county in which he/

she is a resident, regardless of the percentage of peanuts they produce in that county. The county of residence for the entrant must have at least 1,000 acres.

C. Entry requirement—Official yields will be determined by the county Cooperative Extension agent. The contest will require trust that the applicant is accurately providing yield and acreage information.

3. *Point System:* An example of point calculations is provided below. The official entry will be from the contestant's county of residence (Figure 1).

**Step 1.** Yield—Average yield per acre (net weight) divided by 100.

**Step 2.** Acreage—Points will be accumulated for acreage as follows:

A.	0 – 100 acres	0 points
B.	101 – 200 acres	1 additional point or fraction thereof
C.	201 – 300 acres	1 additional point or fraction thereof
D.	301 – 400 acres	1 additional point or fraction thereof
E.	401 – 500 acres	1 additional point or fraction thereof
F.	501 – 600 acres	1 additional point or fraction thereof
G.	601 or higher	No additional points

*Sample calculation:*

Farmer produces 2,397,407 pounds on 420.2 acres

Average yield = 2,397,407 divided by 420.2 = 5,705.4 pounds per acre

**Step 1.**  $5,705.4/100 = 57.054$

**Step 2.** Acreage

0 – 100 acres	=	0 point
101 – 200 acres	=	1 point
201 – 300 acres	=	1 point
301 – 400 acres	=	1 point
401 – 500 acres	=	0.202 point
<b>Total Points</b>	<b>=</b>	<b>60.256</b>

## GROWER SURVEY

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Applicants also must complete a survey of production and pest management practices (Figure 8-2). Results from surveys often are incorporated into recommendations for North Carolina peanut producers.

**Figure 8-1. Sample Certification Form**

<b>CERTIFICATION OF POINTS IN PEANUT PRODUCTION CONTEST</b>	
Date _____	
Applicant _____	County _____
Address _____	Total Points _____
_____	
Official Yield _____ ON ALL ACRES PRODUCED BY THE APPLICANT THE APPLICANT CERTIFIES THAT _____ POUNDS OF PEANUTS WERE HARVESTED FROM _____ ACRES. THE UNDERSIGNED PARTICIPANT GUARANTEES, IN GOOD FAITH, THAT THE PRODUCTION FOR THE GIVEN CROP YIELD AND THE ACRES ON WHICH PRODUCTION OCCURRED ARE ACCURATE.	
Average Yield/Acre = _____	points
Acreage	
A. 0 – 100 acres	_____
B. 101 – 200 acres	_____
C. 201 – 300 acres	_____
D. 301 – 400 acres	_____
E. 401 – 500 acres	_____
F. 501 – 600 acres	_____
G. 601 or higher	_____
Total	_____
Grand Total	_____
Signatures _____	
County Agent	_____
Applicant	_____

**Figure 8-2. Sample Production Practices Survey**

**MANAGEMENT PRACTICES FOR PRODUCTION CHAMPION AND 5000 POUND CLUB—2019 SEASON**

Applicants must complete this form to be eligible for the contest.

Name \_\_\_\_\_ County \_\_\_\_\_

Address \_\_\_\_\_

Date \_\_\_\_\_

1. Planting date: \_\_\_\_\_

2. Seeding rate: \_\_\_\_\_

3. Row spacing: Twin or single rows: \_\_\_\_\_  
Please provide approximate percentage of acres for each.

4. Varieties (please indicate approximate percentage of acres for each variety):  
\_\_\_\_\_

5. Rotation Crops:

2019 \_\_\_\_\_ (if more than one, please include percentage of acres)

2018 \_\_\_\_\_ (if more than one, please include percentage of acres)

2017 \_\_\_\_\_ (if more than one, please include percentage of acres)

2016 \_\_\_\_\_ (if more than one, please include percentage of acres)

2015 \_\_\_\_\_ (if more than one, please include percentage of acres)

2014 \_\_\_\_\_ (if more than one, please include percentage of acres)

6. Lime applied and rate:

2019 \_\_\_\_\_ 2018 \_\_\_\_\_

7. Fertilizer used: \_\_\_\_\_ (provide percentage of acres)

8. Gypsum (please list trade name): \_\_\_\_\_

9. Broadcast or Banded \_\_\_\_\_

10. Bagged, Bulk, or Granular \_\_\_\_\_

11. Rate and application date \_\_\_\_\_

**Figure 8-2. Sample Production Practices Survey (continued)**

12. Herbicides:

Burndown \_\_\_\_\_

Preplant \_\_\_\_\_

Preemergence \_\_\_\_\_

At cracking \_\_\_\_\_

Postemergence \_\_\_\_\_

13. Leaf spot program: (list fungicide for each timing)

A. _____	E. _____
B. _____	F. _____
C. _____	G. _____
D. _____	H. _____

14. What percentage of your acreage was treated for Sclerotinia blight? (circle the percentage)

0    20    40    60    80    100    Chemical used \_\_\_\_\_

15. What percentage of your acreage was fumigated for CBR? (circle the percentage)

0    20    40    60    80    100    Chemical used \_\_\_\_\_

16. What percentage of your acreage was treated with an in-furrow insecticide? (circle the percentage)

0    20    40    60    80    100    Chemical used \_\_\_\_\_

17. What percentage of your acreage was treated for foliar insects? (circle the percentage)

0    20    40    60    80    100    Chemical used \_\_\_\_\_

18. What percentage of your acreage was treated for southern corn rootworm? (circle the percentage)

0    20    40    60    80    100    Chemical used \_\_\_\_\_

19. What percentage of your acreage was treated for spider mites? (circle the percentage)

0    20    40    60    80    100    Chemical used \_\_\_\_\_

20. What percentage of your acreage was irrigated? (circle the percentage)

0    20    40    60    80    100

21. Did you apply boron? \_\_\_\_\_ How much and what brand? \_\_\_\_\_

22. Did you apply manganese? \_\_\_\_\_ How much and what brand? \_\_\_\_\_

**Figure 8-2. Sample Production Practices Survey (continued)**

23. Did you inoculate? \_\_\_\_\_ What product and what percentage of acres?

\_\_\_\_\_

24. What percent of your acreage received the following tillage practices?

Disk	0	20	40	60	80	100
Chisel	0	20	40	60	80	100
Moldboard plow	0	20	40	60	80	100
Field cultivate	0	20	40	60	80	100
Bed	0	20	40	60	80	100
Rip and bed	0	20	40	60	80	100
Strip till	0	20	40	60	80	100
No till	0	20	40	60	80	100

25. Did you apply Apogee or Kudos on your peanuts? If so, what percentage and to what varieties?

26. Place a number for each piece of equipment in a size category.

- \_\_\_\_\_ 2-row digger
- \_\_\_\_\_ 4-row digger
- \_\_\_\_\_ 6-row digger
- \_\_\_\_\_ 2-row pull type combine
- \_\_\_\_\_ 4-row pull type combine
- \_\_\_\_\_ 6-row pull type combine
- \_\_\_\_\_ 6-row self-propelled combine
- \_\_\_\_\_ 8-row self-propelled combine

27. How many days did it take to dig and harvest your entire peanut crop?

- \_\_\_\_\_ dig
- \_\_\_\_\_ harvest

28. What caused your greatest delay in harvesting?

29. What decisions and/or practices contributed most to your success?