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
Total Points	**=**	**60.256**

GROWER SURVEY

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

CERTIFICATION OF POINTS IN PEANUT PRODUCTION CONTEST

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, 5000 POUND CLUB, AND GROUP OF 60—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:

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)
2013 _____ (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?