



Bertie County Ag News

North Carolina Cooperative Extension

January 2022

Billy Barrow, County Extension Director

Contact Us at 252.794.5317

We hope you had a great Christmas and are looking forward to a prosperous New Year in 2022. We have a lot to be thankful for coming off 2021 with good yields across most crops and better prices that we have seen in recent history.

Moving into 2022 we have a number of production meetings scheduled to bring you updates on the latest production information and offer pesticide credits. The majority of these will be at in our conference room at our new location 104 Lancaster Ave in Windsor. These are being planned as in person meetings but will be made available via zoom. The registration links will be sent out by text message as we get closer to the meeting date.

Upcoming Production Meetings

Tobacco Production	January 12th	10:00 AM	Farmers Market - Williamston
Grain Production	January 24th	10:00 AM	Bertie Extension Office
Cotton Production	February 2nd	9:30 AM	Bertie Extension Office
Peanut Production	February 11th	1:00 PM	Bertie Extension Office
Area Grain Marketing Mtg (Bertie, Northampton and Hertford Counties)	February 16th	1:30 PM	Bertie Extension Office

2022 Auxin-Herbicides - Best Management Practices

Auxin Training is required again this year for growers using dicamba herbicide products. All trainings this year will be virtual. Growers can register and log in to any of the trainings below. To prevent the session from being hacked, we are asking you to call our office for the zoom link and pass code. Please do not share these publicly. If you sign in to one of the sessions, listed below are the requirements to get credit.

1. You must register before you can join the Live Zoom Training
2. You must include your name, email address, phone number, county and pesticide license number at time of registration.
3. You must verify your identity at the course beginning and after any breaks and
Actively participate by answering polling questions
Attendance must be taken at the end of the course
No partial credit for those arriving late or leaving early

We will host 2 of the zoom sessions at our office (Tuesday, February 1st, and Thursday, February, 17th) for those who do not have good internet service. All sessions begin at 8:30 AM and will last an hour.

	Date	Time	Day of week
1	January 20	8:30 AM	Thursday
2	February 1	8:30 AM	Tuesday
3	February 17	8:30 AM	Thursday
4	March 1	8:30 AM	Tuesday
5	March 15	8:30 AM	Tuesday
6	March 30	8:30 AM	Wednesday

Area Grain Marketing Meeting

Grain prices have played a tremendous roll in the profitability of our 2021 crops. The latter half of the year saw a lot of volatility in all commodities. How can you plan for 2022? What trends will we see? Should you forward price? When is the right time? Join us for an Area Grain Marketing Meeting on February 16th, at 1:30 PM as Dr. Nick Pigott NCSU Extension Economist offers his insight into the grain markets and what we can expect in 2022. This meeting will be held at the Bertie County Extension Office.

Cotton Yield and Prices

Cotton prices have certainly taken a turn for the better since last year this time with old crop trading above \$1.10 in recent days. Many growers are looking at new crop prices hovering above .90 for next December. But that's just part of the picture. Proper variety selection as well as the weather can make the difference in a profit or loss year. Below are the results from the NCSU OVT test for those varieties entered over the last three years. These are some strong consistent varieties may fit on your farm for 2022.

TABLE 5-1. Three-Year Statewide Average Performance of OVT Cotton - 2019-2021

VARIETY	Lint Yield (lb/acre)	LINT (%)	PLANT HEIGHT (in)	BOLLS OPENED (%)	UHM S.L. (in)	UNIFORMITY INDEX	T1 (g/tex)	MIKE
ST 4550 GLTP	1278 **	46.2	42	52	1.14	83.4	32.4	4.6
PHY 400 W3FE	1273 *	46.4	36	51	1.16	83.2	32.6	4.3
NG 4936 B3XF	1254 *	42.7	40	50	1.20	84.1	31.2	4.4
ST 5471GLTP	1251 *	43.7	39	43	1.15	82.4	31.6	4.3
PHY 340 W3FE	1247 *	46.7	40	51	1.14	83.2	31.6	4.4
Armor 9608 B3XF	1246 *	47.0	41	45	1.14	82.3	30.0	4.3
PHY 350 W3FE	1245 *	44.6	40	50	1.15	83.5	32.1	4.5
DP 1646B2XF	1219 *	45.4	45	46	1.21	83.4	30.8	4.4
PHY 545 W3FE	1214 *	47.4	41	42	1.13	83.4	31.7	4.4
NG 3930B3XF	1207 *	44.3	39	53	1.16	83.4	30.9	4.4
DP 1840B3XF	1183	43.8	41	39	1.19	83.4	32.3	4.3
PHY 500 W3FE	1179	45.7	43	37	1.14	83.3	33.4	4.0
C.V.(%)	8.08	.	.	.	.	.	.	.
S.E	25.73	.	.	.	.	.	.	.
BLSD(K=50)	85.048	.	.	.	.	.	.	.

**Highest yielder. *Not significantly different from highest yielder.

Based on data from 15 environments

Soybean Yield Data

The results from the NCSU Official Variety Testing Program are available at:

<https://officialvarietytesting.ces.ncsu.edu/soybeans-2021/>

The results for each maturity group are posted in a quick table that can be easily accessed. These are posted for 3-year averages as well as the results for 2021. If you want more info check out the full selection tool which will allow you to sort by disease, insect and herbicide tolerance. Here is a quick look at some of the 2021 results.

Above Average Statewide - MG4 Full Season (2019-2021)

Company/Brand	Variety	Trait	Relative Maturity	Yield (bu/a)	Top Yield Group %	Years in Test
VIRTUE SEEDS	V 4921S	Conventional/STS	4.9	86.3	33%	2
UniSouth Genetics	USG 7480XT	Xtend	4.8	85.3	40%	3
UniSouth Genetics	USG 7487XTS	Xtend/STS	4.8	83.1	20%	3
UniSouth Genetics	USG 7478XTS	Xtend/STS	4.7	82.9	34%	3
Dyna-Gro	S48XT90	Xtend	4.8	82.8	17%	2
DELTA GROW	DG48X45	Xtend	4.8	82.1	13%	2
University of Missouri	S16-11644C	Conventional	4.9	82.0	21%	2
Dyna-Gro	S43XS70	Xtend/STS	4.3	81.2	0%	2
Progeny	P 4821 RX	Xtend	4.8	80.8	19%	3
University of Missouri	S16-7922C	Conventional	4.9	80.2	29%	2
Southern Harvest	SH 4920 E3	Enlist	4.9	79.0	18%	3

Above average yielding varieties that were tested for 2 or more years. The yields for these varieties are greater than or equal to 1 standard deviation from the average. Varieties are sorted by yield from high to low. Top Yield Group % is the percentage of time the variety was in the top yield group across all locations tested in this category. For more details on these varieties, visit ncovt.medius.re

Above Average Statewide - MG5 Full Season (2019-2021)

Company/Brand	Variety	Trait	Relative Maturity	Yield (bu/a)	Top Yield Group %	Years in Test
Dyna-Gro	S58XT30	Xtend	5.7	80.5	52%	2
Local Seed Company	LS5797X	Xtend	5.7	78.3	23%	2
Pioneer	P53A67X	Xtend	5.3	77.2	31%	2
Local Seed Company	LS5009XS	Xtend/STS	5.0	76.1	30%	2
UniSouth Genetics	USG 7529XTS	Xtend/STS	5.2	75.7	19%	3
Axis	5319NRX	Xtend	5.3	74.4	8%	2

Above average yielding varieties that were tested for 2 or more years. The yields for these varieties are greater than or equal to 1 standard deviation from the average. Varieties are sorted by yield from high to low. Top Yield Group % is the percentage of time the variety was in the top yield group across all locations tested in this category. For more details on these varieties, visit ncovt.medius.re

Above Average Statewide - MG6 Full Season (2019-2021)

Company/Brand	Variety	Trait	Relative Maturity	Yield (bu/a)	Top Yield Group %	Years in Test
Local Seed Company	LS6206X	Xtend	6.2	77.6	39%	2
Dyna-Gro	S62XT09	Xtend	6.2	73.5	31%	3
Southern Harvest	SH 6020 LL/STS	LibertyLink/STS	6.0	73.0	34%	3
Progeny	P 6461 RX	Xtend	6.4	69.8	25%	3
Southern Harvest	SH 6515 LL/STS	LibertyLink/STS	6.5	69.7	15%	3

Above average yielding varieties that were tested for 2 or more years. The yields for these varieties are greater than or equal to 1 standard deviation from the average. Varieties are sorted by yield from high to low. Top Yield Group % is the percentage of time the variety was in the top yield group across all locations tested in this category. For more details on these varieties, visit ncovt.medius.re

Peanut Contest

We will hold the peanut yield contest again this year. 2021 provided us the opportunity for the crop to mature and as a result this was one of the best quality crops in years. The dry weather in August hurt the yields in some areas but overall, I believe we had one of the better crops in quite a while. The contest requirements can be found in the 2021 Peanut Information Book on page 160. Just to recap, all growers with a minimum of 25 acres are eligible. Any variety /type is eligible and all acres grown must be included. Proof of production is required. Ranking is based on a point system described in the book. As a part of the entry, a survey of production practices is required. Entries are due by January 28, 2022. Call our office 252 794-5317 for an application.

Cotton Contest

Any qualified cotton producers that farm in Bertie County and produce 50 or more acres of cotton are eligible and encourage to enter. Please drop off production information by January 20th.

NC

COOPERATIVE EXTENSION



N.C. A&T
STATE UNIVERSITY

NC STATE
UNIVERSITY

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NC State University and N.C. A&T State University are collectively committed to positive action to secure equal opportunity and prohibit discrimination and harassment regardless of age, color, disability, family and marital status, gender, identity, genetic information, national origin, political beliefs, race, religion, sex (including pregnancy), sexual orientation and veteran status. NC State, N.C. A&T, U.S. Department of Agriculture, and local governments cooperating."