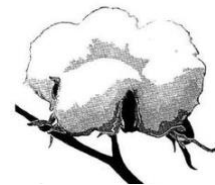


# Jarette's Farm Journal

Jarette Hurry  
December 2020



For more information regarding any of your farming needs, please feel free to contact the Bertie County Cooperative Extension Office at (252) 794-5317. Your questions and comments are important to us.



## 2021 Production Meetings

All production meetings are virtual via ZOOM and recordings will be available. We are here to help with any technical help needed with Zoom! **Please call the office or Jarette for the Zoom link.**

**January 12<sup>th</sup> Tobacco Meeting 9:00 AM**

**January 21<sup>st</sup> Forestry Meeting 10:00 AM**

**January 27<sup>th</sup> Grain Production Meeting 1:00 PM**

**February 3<sup>rd</sup> Cotton Production Meeting 1:00PM**

**February 8<sup>th</sup> Peanut Production Meeting 2:00PM**

### **MANDATORY AUXIN HERBICIDES- BEST MANAGEMENT PRACTICES**

When you choose a date please contact Jarette for zoom link and code. To receive the one (1) hour mandatory training you will need to attend a virtual zoom meeting on one of the dates listed below. If you are unable to attend one of these dates contact Jarette at (252) 325-3091 or [jjhurry@ncsu.edu](mailto:jjhurry@ncsu.edu)

**Training Dates (all Live Zoom meetings start at 10:00 AM):**

	Date	Time	Day of week
1	January 12	10:00 AM	Tuesday
2	January 21	10:00 AM	Thursday
3	January 29	10:00 AM	Friday
4	February 4	10:00 AM	Thursday
5	February 8	10:00 AM	Monday
6	February 18	10:00 AM	Thursday
7	February 24	10:00 AM	Wednesday
8	March 2	10:00 AM	Tuesday
9	March 11	10:00 AM	Thursday
10	March 15	10:00 AM	Monday
11	March 24	10:00 AM	Wednesday
12	March 29	10:00 AM	Monday

NC STATE EXTENSION

# Official Variety Testing

For variety yield information (corn, cotton, soybeans) and variety selection tools visit [officialvarietytesting.ces.ncsu.edu/](http://officialvarietytesting.ces.ncsu.edu/) or type NCSU OVT into google and click the first link.

Don't forget to check out our YOUTUBE Page for our virtual field day! We have 10 Great videos featuring NCSU Extension Specialist delivering relevant information for Bertie County!

Just type Chrome ag expo in the search box!

The screenshot shows a YouTube channel page for "CHROME Regional Ag Expo, NC Cooperative Extension" with 8 subscribers. The search bar contains "chrome ag expo". The channel navigation tabs include HOME, VIDEOS, PLAYLISTS, CHANNELS, DISCUSSION, and ABOUT. The "Uploads" section displays a grid of 10 videos:

- Corn Fertility: End of season Conclusions** (7:58, 25 views, 3 months ago)
- Peanut Weed Control Part 1** (7:09, 103 views, 4 months ago)
- Peanut Weed Control Part 2** (9:48, 88 views, 4 months ago)
- CHROME 2020 Welcome** (1:30, 8 views, 4 months ago)
- Cotton Replant Decisions Part 2** (14:54, 17 views, 4 months ago)
- Cotton Replant Decisions Part 1** (14:59, 49 views, 4 months ago)
- Thrips Control in Cotton** (10:01, 53 views, 5 months ago)
- Corn Fertility Part 2** (9:23, 27 views, 5 months ago)
- Corn Fertility Part 1** (13:28, 62 views, 5 months ago)
- Thrips Control in Peanuts** (9:50, 107 views, 5 months ago)

# Corn Yield Results

## Bertie, Hertford and Pitt Counties

### Bertie County

Company	Hybrid	Adjusted Yield
Dyna Gro	DG58VC65	189.9
Local Seeds	LC1898	187.0
MorCorn	MC4670	187.6
Syngenta	NK1677	185.7
Dekalb	DK63-57	184.2
Progeny	PGY2025	178.8
Progeny	PGY1912	173.1
AgVenture	AV7516	169.5
Local Seeds	LC1577	167.0
Dekalb	DK67-44	166.6
MorCorn	MC4255	166.6
Axis	AX65T29	163.1
Dyna Gro	DG55VC80	160.6
Terral seed (REV)	24BHR99	156.7
Terral seed (REV)	26BHR30	152.5
Augusta	AUG1065	149.9
Syngenta	NK1205	149.5
Dekalb	DK68-89	148.8
Phoenix	PX6524	144.0
Axis	AX63D28	142.0
Augusta	AU 4467	141.7
AgVenture	AV3917	137.1
Phoenix	PX7402A	136.8
Dekalb	DK64-25	136.7

### Hertford County

Company	hybrid	yield (bu/acre)
Ag Venture	AgVen 3917	116.8
Terral Seeds	Rev 2499	105.3
Augusta	Augusta 1065	103.9
Local Seed	Local 1898	103.1
Augusta	Augusta 4467	102.4
Ag Venture	AgVen 7516	102.0
Dekalb	Dekalb 6744	99.4
Syngenta	NK 2105	97.7
Mor Corn	MorCorn 4670	97.6
Dyna Gro	DG 5580	96.3
Local Seed	Local 1577	89.7
Axis	Axis 6529	88.5
Progeny	Progeny 2025	88.1
Pioneer	Pioneer 1464	86.8
Phoenix	Phoenix 7402	85.4
Dekalb	Dekalb 6357	56.5

### Pitt County

Company	Hybrid	Yield
Progeny	PGY 2025	156.5
Syngenta	NK 1677	152.8
Pioneer	P 1464	145.9
Terral Seed	REV 26BH	140.4
Dekalb	DK 67-44	134.4
Pioneer	P 1870	133.9
Ag Venture	AV 3917	132.1
Axis	AX 65T	131.8
Ag Venture	AV 7516	131.3
Dyna Gro	DG 568V	129.8
Augusta	AU 1065	129.0
Terral Seed	REV 24BH	123.2
Progeny	PGY EXP	122.6
Dekalb	DK 63-57	121.7
Augusta	AU 4467	117.6
Local Seeds	LC 1898	117.5
Dyna Gro	DG 55VC8	117.0
Local Seeds	LC 1577	113.7
Mor Corn	MC 4670	111.8
MOr Corn	MC 4255	111.4
Axis	AX 63D28	110.1
Phoenix	PH 7402	95.6
Syngenta	NK 1205	91.9
Phoenix	PH 6542	78.6

**Submitted by: Billy Barrow, Bertie County Extension Director  
N.C. Cooperative Extension**



### **Volunteer Ag District**

Did you know Bertie County is considered a Volunteer Ag District? That's right the whole County. Agriculture is an important part of our heritage and economic growth and it is worth protecting. By participating in this program, you identify your farm or woodland in such a manner that anyone moving into the area is aware of your operation and the operational aspects that accompany it i.e., harvesting noise, livestock production odors, dust etc. that typically go along with farming crops, livestock, poultry and timber. Having done this there should be no surprises or complaints from any new neighbors moving to your community. For more information call our office at 252 794-5317.

### **Farmland Preservation Program**

Do you have a desire to keep your property in agricultural production? North Carolina ranks 30<sup>th</sup> in the nation in total agricultural acreage and 2<sup>nd</sup> in the number of agricultural acres **lost** compared to all other states. Granted a lot of this is lost in more urban counties to development but there are losses in Bertie County as well. One of the fastest growing trends in NC is the loss of land to large lot housing developments or mini farms. The North Carolina Department of Agriculture and Consumer Services (NCDA &CS) offers assistance to keep land in agricultural production (row crop as well as timber production) through the purchase of conservation easements. With this program, property owners convey a permanent easement to the state in return for predetermined compensation. This compensation is based on the value of the potential development rights of the individual tract. In some cases, NCDA&CS may partner with the USDA Natural Resources Conservation Service and the US Air Force to increase the compensation amounts if the property's location is favorable. If you would like to learn more about this program please give our office a call at 252 794-5317.

### **Crop Comparison Tool**

As the year winds down it's a good time to look at last year's performance and to begin planning for 2021. NCSU Extension Economics Department offers a Crop Comparison Tool which allow producers the flexibility to look at their overall cropping mix making acreage adjustments as well as customizing input costs, yields and commodity prices. NCSU enterprise budgets are tied to this tool with "average" but realistic input cost covering variable and fixed cost. To give this tool a try go to the following link, <https://cals.ncsu.edu/are-extension/crops-marketing-and-logistics/grain-marketing/>, then scroll down to Crop Comparison Tool. It will download to an excel spreadsheet. If you have trouble or would like to look at it in person, give our office a call at (252) 794-5317 and we will look at it together.

### **Peanut Contest**

We will hold the peanut yield contest again this year. Although we did not have as good of season as 2019, there still some good yields in the County. The requirements can be found in the 2020 Peanut Information Book on page 159. 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 25, 2021. Call our office at (252) 794-5317 for an application.

## Late January and Early February: Last Chance to Grow More Tillers

When evaluating your wheat crop check tiller density to determine Nitrogen needs (formulas below).

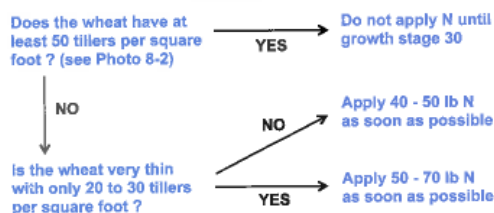
- Well tillered wheat that is showing some sign of N deficiency may respond to 15-30 pounds of nitrogen to help with tiller retention (consider adding nitrogen when making postemergence herbicide applications for winter annual weeds and Italian ryegrass).
- Poorly tillered wheat with about 20-30 tillers per square foot has low yield potential and should have 50-70 pounds of nitrogen fertilizer applied in late January or early February. A second application of nitrogen fertilizer should also be made at growth Stage 30.

A "tiller" is considered to be any stem that has three or more leaves. To determine tiller density, count well developed tillers disregard small tillers that have only one or two leaves. Don't be concerned with differences between the main plant and younger side tillers just count any stem with at least three leaves as a tiller. Do this in a yard of row. The formula is below.

$$\text{Tillers per square foot} = \frac{(\text{tillers per yard of row}) \times 4}{(\text{row width in inches})} \quad \frac{102 \text{ tillers} \times 4}{7.5} = 54.4 \text{ tillers per sq. ft.}$$

If you want to do less counting of tillers you can count tillers in a foot of row. The formula is below

$$\text{Tillers per square foot} = \frac{(\text{tillers per foot of row}) \times 12}{(\text{row width in inches})} \quad \frac{34 \text{ tillers} \times 12}{7.5} = 54.4 \text{ tillers per sq. ft.}$$



### North Carolina Cooperative Extension

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Agriculture Agent

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