



Camden County Cooperative Extension
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CAMDEN CROP NEWS

October 20th, 2021

2021 Corn Variety Trial Results

Results from the 2021 Northeast Ag Expo corn variety trials are attached to this newsletter. These trials were located in Camden, Chowan, Currituck, Gates, Pasquotank, and Perquimans counties. Varieties are listed in descending order according to average yield across locations, i.e. 1 (highest yielding) to 22 (lowest yielding). Within locations the varieties are ranked in descending order according to yield from highest (1) to the lowest yielding variety (22). The top three yielding varieties within locations and across locations have their ranking marked as following: 1 (blue), 2 (red), 3 (yellow).

Production information for each location can be found on the back of the results page. Thank you to each of the local farms and agribusinesses for their contributions to these trials. Without their support, we would not be able to provide this locally generated information to the region's farmers. I would like to especially thank Black Gold Farms for providing the land and other resources necessary for the Camden County location.

In addition, data from the 2021 North Carolina Official Variety Testing (OVT) corn trials have recently been added to the NC OVT Variety Selection Tool, which can be accessed here: <https://ncovt.medius.re/> OVT data will be easiest to sort through using a desktop computer. If you have specific variety questions or need assistance navigating the tool, I will be happy to assist.

Soil Sampling: Peak Season Date

I have been informed that soil samples must be at the N.C. Department of Agriculture and Consumer Services Soil Testing Lab by November 30th at 5pm to avoid the peak season fee of \$4 per soil sample. We have soil sample boxes and shippers available at the Extension Office. To avoid peak season fees and shipping costs bring us your soil samples by November 23rd at 5pm.

For more information regarding any of your farming needs, please feel free to contact me at the Camden County Cooperative Extension Office: 252-331-7630.

Sincerely,

Austin Brown

Camden County Extension Director & Agriculture Agent

North Carolina State University and North Carolina A&T State University Commit themselves to positive action to secure equal opportunity regardless of race, color, creed, national origin, religion, sex, age, veteran status or disability. In addition, the two Universities welcome all persons without regard to sexual orientation. North Carolina State University, North Carolina A&T State University, U.S. Department of Agriculture, and local governments cooperating.

2021 Northeast Ag Expo Corn Variety Trial Data

Variety	RM	Average @ 6 Locations		Camden**		Chowan		Currituck		Gates		Pasquotank		Perquimans	
		Adjusted Yield	Rank	Adjusted Yield	Rank	Adjusted Yield	Rank	Adjusted Yield	Rank	Adjusted Yield	Rank	Adjusted Yield	Rank	Adjusted Yield	Rank
Progeny PGY9114 VT2P	114	219.7	1	148.3	1	261.1	1	231.6	6	245.0	12	266.3	5	166.0	9
Local Seed LC 1307 TC	113	216.5	2	127.5	5	251.7	4	224.3	15	249.0	9	275.4	3	171.1	6
Axis 63H27 VT2P	113	215.0	3	100.8	13	241.7	8	230.2	7	257.8	2	284.2	1	175.6	4
Augusta A7168 VT2P	118	212.8	4	114.8	7	256.8	2	237.3	2	249.3	7	257.8	15	160.7	13
Dyna-Gro D55VC80	115	212.3	5	112.3	8	223.0	18	237.8	1	256.5	4	265.6	6	178.8	2
MorCorn MC4255 VT2P	112	210.0	6	128.4	4	240.1	10	224.7	14	237.4	15	254.2	17	175.0	5
Dekalb DKC 64-85 VT2P	114	209.7	7	99.7	15	252.1	3	236.6	3	242.6	13	264.6	7	162.5	11
Progeny PGY2025 VT2PDG	115	207.1	8	101.8	11	234.8	15	227.7	11	247.9	10	260.4	12	169.9	7
MorCorn MC4670	114	206.5	9	109.7	9	237.1	13	228.0	10	232.1	17	254.5	16	177.6	3
AgVenture AV3715AM	115	205.3	10	120.6	6	240.9	9	226.8	12	229.2	18	264.6	7	149.7	19
Pioneer P1506YHR	115	204.4	11	59.0	20	239.5	11	223.2	16	262.2	1	274.7	4	168.0	8
Featherstone FS6604 RIB	116	203.8	12	104.7	10	241.9	7	225.7	13	239.6	14	246.6	20	164.0	10
Axis 64B28 VT2P	114	203.7	13	100.2	14	248.9	5	232.9	5	191.4	22	262.0	9	186.7	1
AgVenture AV9916AM	116	203.2	14	147.7	2	234.9	14	203.7	20	255.0	5	248.9	18	128.8	22
Dekalb DKC 68-69 VT2P	118	201.8	15	100.9	12	*		229.9	8	256.7	3	259.7	13	161.6	12
Syngenta NK1677-3110	116	200.3	16	93.4	16	221.9	19	229.1	9	247.1	11	262.0	10	148.3	20
Dyna-Gro D57VC17	117	199.0	17	68.3	19	245.8	6	220.0	17	249.1	8	258.5	14	152.2	18
Pioneer P1870YHR	118	198.1	18	45.0	22	238.0	12	219.1	18	250.9	6	276.6	2	158.8	14
Local Seed LC 1407 VT2P	114	194.6	19	90.6	17	232.7	16	234.9	4	222.5	19	232.2	21	154.8	16
Augusta A4463 VT2P	113	191.9	20	52.9	21	228.7	17	218.5	19	235.9	16	261.6	11	153.9	17
Featherstone FS60QV1 RIB	110	188.0	21	137.3	3	198.8	20	*		216.3	20	229.5	22	158.0	15
Syngenta NK1082-5222A	110	172.1	22	83.9	18	192.2	21	*		196.1	21	246.7	19	141.7	21
Average		203.4		102.2		236.3		227.1		239.5		259.4		162.0	

Varieties are listed in descending order according to average yield across locations (i.e. 1 (highest yielding) to 22 (lowest yielding)). Within locations the varieties are ranked in descending order according to yield from highest (1) to the lowest yielding variety (22). The top three yielding varieties within locations and across locations have their ranking marked as following: 1 (blue), 2 (red), 3 (yellow). *Varieties that are starred do not have a reported yield due to error while harvesting. **Camden yields were affected by early season water stress.



2021 Northeast Ag Expo Corn Variety Trial Production Information

County	Camden	Chowan	Currituck	Gates	Pasquotank	Perquimans
Cooperator	Black Gold Farms	Poplar Neck Farms	Barco Brothers	Cypress Glade Farms	Charles Gray & Sons	Allen Wayne Stallings
Planting Date	5/4/21	4/29/21	5/4/21	4/30/21	4/19/21	5/7/21
Harvest Date	9/28/21	9/8/21	9/27/21	9/16/21	9/8/21	9/29/21
Soil Type	Roper Muck	Altavista & Dogue Fine Sandy Loam	Roanoke & Tomotley Fine Sandy Loam	Goldsboro Fine Sandy Loam	Dragston Fine Sandy Loam	Portsmouth Loam
Previous Crop	Potatoes/Soybean	Cotton	Soybean	Cotton	Cabbage	Soybeans
Row Spacing	30"	20"	24"	20"	20"	38"
Plant Population	33,000	33,000	34,000	32,000	35,000	28,500
Total Rainfall	28.2"	27.5"	24.3"	31.5"	25.6"	26"

