

## 2023 N.C. Cooperative Extension Upper Coastal Plain Corn Hybrid Evaluation

Dry Yield (bu/A)

Entry	Company	Hybrid	RM	Dryland Sites																			
				Dryland		Bertie	Bertie	Edgecombe	Halifax	Hertford	Martin	Nash	Northampton	Washington									
				Average	Rank	Colerain	Lewiston-Woodville	Tarboro	Tillery	Colerain	Robersonville	Whitakers	Woodland	Roper									
18	Dekalb	DKC68-35VT2P	118	<b>158.7</b>	1	190.0	5	118.5	7	151.2	5	106.4	13	229.3	4	132.8	4	122.1	3	139.3	5	186.2	5
6	Axis	64B28	114	<b>156.2</b>	2	198.1	1	127.8	1	140.6	9	128.8	6	211.7	19	139.9	1	114.0	8	140.8	3	176.8	11
14	Revere	RV1627TC	116	<b>155.2</b>	3	184.0	8	109.2	14	152.1	4	131.2	4	219.6	9	128.1	8	118.8	4	140.2	4	189.8	4
20	Dekalb	DKC69-99TRE	119	<b>154.7</b>	4	160.9	18	109.9	12	132.5	14	113.2	10	219.0	10	129.7	6	127.3	1	145.8	1	212.4	1
21		<i>Growers Choice</i>		<b>153.3</b>	5	170.5	16	111.8	10	149.1	6	-		220.9	7	126.7	9	124.5	2	138.3	6	185.1	6
5	Dyna-Gro	D54VC14	114	<b>153.0</b>	6	193.6	2	119.9	5	135.9	12	115.7	8	218.2	11	137.6	2	111.8	9	131.0	11	176.1	12
3	Revere	RV1307TC	113	<b>152.5</b>	7	183.6	9	119.1	6	123.8	18	103.9	14	215.2	17	125.9	11	114.2	7	145.4	2	193.1	3
15	Integra	6720VT2P	116	<b>152.5</b>	8	190.0	4	125.2	2	148.4	7	114.1	9	215.6	15	126.1	10	110.4	13	132.3	10	171.9	17
7	Integra	6493VT2P	114	<b>150.7</b>	9	185.0	7	106.2	17	103.2	21	79.8	17	229.7	3	135.4	3	109.1	14	134.5	9	202.3	2
4	Axis	63M73	113	<b>150.5</b>	10	176.0	13	124.3	3	125.6	16	72.3	18	237.6	2	129.0	7	117.6	5	121.3	14	172.7	15
17	Dyna-Gro	D57TC29	117	<b>150.4</b>	11	182.8	11	109.8	13	158.5	3	71.3	19	206.3	21	130.3	5	105.4	17	137.2	7	172.9	14
12	Syngenta	NK1661-AA	116	<b>148.0</b>	12	176.5	12	106.2	16	160.1	1	134.5	3	216.8	14	120.7	17	103.6	18	116.6	16	183.3	7
2	Augusta	A4463 VT2Pro	113	<b>147.6</b>	13	192.3	3	111.7	11	125.1	17	143.5	2	225.7	5	121.9	15	102.0	20	122.5	13	179.4	10
16	Syngenta	NK1701-V	117	<b>146.4</b>	14	183.0	10	123.0	4	136.1	11	89.7	16	210.9	20	125.8	12	111.2	11	110.9	18	170.5	19
9	Seedway	SW1475VT	114	<b>145.7</b>	15	171.6	15	106.4	15	133.3	13	110.0	11	213.4	18	123.2	14	108.7	15	136.9	8	172.3	16
11	Seedway	SW1579SS	115	<b>145.5</b>	16	170.0	17	115.3	8	126.3	15	116.8	7	217.7	13	121.6	16	108.5	16	123.6	12	181.4	9
10	Augusta	A1465 VT2Pro	115	<b>144.9</b>	17	185.3	6	104.7	18	136.9	10	109.5	12	240.2	1	123.8	13	115.8	6	90.0	21	162.5	21
1	AgVenture	AV6010AM	110	<b>140.5</b>	18	175.4	14	114.8	9	120.1	19	-		215.5	16	103.1	20	102.9	19	117.4	15	174.7	13
19	Pioneer	P1847VYHR	118	<b>139.6</b>	19	154.1	20	94.3	20	146.6	8	129.5	5	219.9	8	108.0	19	110.5	12	111.6	17	171.7	18
8	AgVenture	AV3514AML	114	<b>136.5</b>	20	155.2	19	93.1	21	110.0	20	102.8	15	224.6	6	111.5	18	111.7	10	104.4	19	181.6	8
13	Pioneer	P1622VYHR	116	<b>134.8</b>	21	151.6	21	99.2	19	158.8	2	146.3	1	217.9	12	96.9	21	96.4	21	94.1	20	163.8	20
<i>averages</i>																							
<i>site</i>				<b>148.4</b>		177.6		111.9		136.9		109.8		220.3		123.7		111.7		125.4		180.0	
<i>check Dekalb DKC67-44VT2P 117</i>				<b>148.6</b>		184.2		121.4		116.2		107.5		223.6		132.5		121.7		138.6		191.9	

Hybrid yields at all 11 locations were averaged, ranked and listed overall in descending order (e.g. 1 being the highest and 21 being the lowest). Hybrids at each individual location were ranked. A common check (e.g. Dekalb DKC67-44VT2P) was utilized at each location. At the Halifax location entry #1 was lost at harvest, and this site was installed without a "Growers Choice" hybrid. The Nash dryland location experienced poor emergence due to heavy rainfall shortly after planting and suffered early season hail damage. Dry yields are reported at 15.5% moisture for No. 2 corn grain

RM=Relative Maturity



2023 NC Cooperative Extension Upper Coastal Plain Regional Corn Hybrid Evaluation Production Information

County	Bertie	Bertie	Edgecombe	Halifax	Hertford	Martin	Nash	Northampton	Washington	Nash	Northampton
Town/City	Colerain	Lewiston-Woodville	Tarboro	Tillery	Colerain	Robersonville	Whitakers	Woodland	Roper	Whitakers	Rich Square
Agent	<i>Edward Godfrey III</i>	<i>Edward Godfrey III</i>	<i>Sydney Jalali</i>	<i>Brandon Pike</i>	<i>Dylan Lilley</i>	<i>Lance Grimes</i>	<i>Brittany Pendleton</i>	<i>Craig Ellison</i>	<i>Jalynne Ward</i>	<i>Brittany Pendleton</i>	<i>Craig Ellison</i>
Cooperator	Wynne Hughes	Peanut Belt Research Station	Glenn O'Neal	Caledonia Prison	Billy Mizelle Jr.	James Roebuck	Fisher Farms	Dan Bryant	Kendrick's Creek Farms	Edwards Farm Equipment	Nathan Bennett
Planting Date	4/20/23	4/11/23	4/19/23	4/19/23	4/12/23	4/17/23	4/26/23	4/18/23	4/20/23	4/3/23	5/12/23
Harvest Date	9/21/23	8/28/23	9/21/23	9/27/23	9/21/23	9/20/23	9/22/23	10/2/23	9/15/23	8/24/23	10/5/23
Soil Type	Lynchburg fine sandy loam & Rains sandy loam	Norfolk sandy loam & Goldsboro sandy loam	Portsmouth fine sandy loam	State fine sandy loam	Rains sandy loam	Rains fine sandy loam	Norfolk sandy loam & Goldsboro sandy loam	Caroline fine sandy loam	Bojac loamy fine sand	Norfolk loamy sand	Wickham fine sandy loam
Previous Crop	Soybeans	Corn	Soybeans	Soybeans	Soybeans	Soybeans	Sweetpotato	Soybeans	Peanuts	Peanuts	Soybeans
Row Spacing (in)	36	36	30	36	36	36	38	36	36	30	36
Planting Population	31,000	28,500	30,000	27,500	26,500	26,000	25,000	29,000	28,000	32,000	31,500
Tillage	Maximum, Bedded Row	Maximum, Bedded Row	Strip-Till	No-Till	Maximum, Bedded Row	Strip-Till	Maximum	No-Till	Strip-Till	Strip-Till	No-Till
Irrigation Class	Dryland	Dryland	Dryland	Dryland	Dryland	Dryland	Dryland	Dryland	Dryland	Irrigated	Irrigated

