

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

Dry Yield (bu/A)		Dryland Sites										Irrigated Sites																				
Overall		Dryland		Dryland Sites										Irrigated Sites		Irrigated																
Dryland & Irrigated		Dryland		Bertie	Bertie	Edgecombe	Halifax	Hertford	Martin	Nash	Northampton	Washington	Nash	Northampton	Irrigated																	
Average	Rank	Entry	Company	Hybrid	RM	Average	Rank	Colerain	Lewiston-Woodville	Tarboro	Tilley	Colerain	Robersonville	Whitakers	Woodland	Roper	Whitakers	Rich Square	Average	Rank	Hybrid											
175.8	1	18	Dekalb	DKC68-35VT2P	118	158.7	7	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	236.7	18	251.9	1	244.3	6	DKC68-35VT2P
174.5	2	6	Axis	64B28	114	156.2	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	276.3	4	219.5	10	247.9	4	64B28
170.5	5	14	Revere	RV1627TC	116	155.2	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	241.2	16	221.8	7	231.5	13	RV1627TC
169.8	6	20	Dekalb	DKC69-99TRE	119	154.7	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	239.6	17	220.6	9	230.1	14	DKC69-99TRE
166.3	10	21	Growers Choice			153.3	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	232.6	20	203.8	17	218.2	20	Growers Choice
173.5	3	5	Dyna-Gro	D54VC14	114	153.0	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	289.6	1	221.1	8	255.3	1	D54VC14
169.7	7	3	Revere	RV1307TC	113	152.5	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	261.1	12	215.3	12	238.2	11	RV1307TC
168.9	9	15	Integra	6720VT2P	116	152.5	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	264.0	10	205.1	16	234.5	12	6720VT2P
168.9	8	7	Integra	6493VT2P	114	150.7	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	261.7	11	222.3	5	242.0	9	6493VT2P
171.0	4	4	Axis	63M73	113	150.5	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	284.0	2	221.9	6	253.0	2	63M73
165.0	11	17	Dyna-Gro	D57TC29	117	150.4	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	214.6	21	232.7	2	223.6	16	D57TC29
162.6	15	12	Syngenta	NK1661-AA	116	148.0	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	246.7	14	196.0	19	221.3	18	NK1661-AA
163.4	14	2	Augusta	A4463 VT2Pro	113	147.6	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	243.9	15	210.0	15	227.0	15	A4463 VT2Pro
160.4	18	16	Syngenta	NK1701-V	117	146.4	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	264.9	9	168.0	21	216.5	21	NK1701-V
165.0	13	9	Seedway	SW1475VT	114	145.7	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	270.2	5	213.8	13	242.0	8	SW1475VT
161.1	16	11	Seedway	SW1579SS	115	145.5	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	234.8	19	211.7	14	223.2	17	SW1579SS
165.0	12	10	Augusta	A1465 VT2Pro	115	144.9	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	267.1	7	223.8	4	245.4	5	A1465 VT2Pro
160.8	17	1	AgVenture	AV6010AM	110	140.5	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	281.6	3	202.3	18	242.0	10	AV6010AM
155.5	21	19	Pioneer	P1847VYHR	118	139.6	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	248.2	13	190.1	20	219.2	19	P1847VYHR
157.9	19	8	AgVenture	AV3514AML	114	136.5	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	269.1	6	217.9	11	243.5	7	AV3514AML
157.7	20	13	Pioneer	P1622VYHR	116	134.8	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	266.3	8	231.7	3	249.0	3	P1622VYHR
averages		site				148.4		177.6		111.9		136.9		109.8		220.3		123.7		111.7		125.4		180.0		256.9		214.3		235.6		
check		Dekalb		DKC67-44VT2P 117		148.6		184.2		121.4		116.2		107.5		223.6		132.5		121.7		138.6		191.9		255.3		224.4		239.8		DKC67-44

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

