

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

| Dry Yield (bu/A) | | Dry Yield (bu/A) | | | | | | | | | | | | | | Dry Yield (bu/A) | | | | | | | | | | | | | | | | | | | |
|---------------------|-------|------------------|----------------|---------------|--------|-----------|---------|----------|--------------------|---------|-------------|------------|---------------|-----------------|-----------|------------------|-----------|-------------|----------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|-------|-------|--|
| Overall | | Dryland | | Dryland Sites | | | | | | | | | | Irrigated Sites | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 165.9 | 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 | |
| 165.2 | 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 10 locations (less Halifax) 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 |

