

Table M . Individual location data for MEDIUM maturing (110-115) corn hybrids in North Carolina - 2016.

<i>Hybrid or Brand-Hybrid</i>	<i>Beaufort Yield (bu/A)</i>	<i>Washington Yield (bu/A)</i>	<i>Robeson Yield (bu/A)</i>	<i>Columbus Yield (bu/A)</i>	<i>Duplin Yield (bu/A)</i>	<i>Rowan Yield (bu/A)</i>	<i>Union! Yield (bu/A)</i>
Terral REV 24BHR93 RR2LL	141.7	126.4	157.4	125.8	177.2	157.9	83.6
Dyna-Gro D55QC73 VIP3110	156.6	144.2 *	158.7	149.2 *	170.1	154.9	46.6
Seed Consultants SC 11AGT43 GTCBLL™	155.4	131.6	149.8	134.1	170.8	146.4	92.3 *
Syngenta N74R- 3000GT	156.1	122.9	143.4	128.6	149.8	153.4	78.6
Terral REV 23BHR55 RR2LL	158.4	122.3	170.5 *	133.5	202.9 **	171.2 *	57.7
Terral REV 25BHR44 RR2LL	154.7	122.1	162.3	151.8 **	192.9 *	165.9 *	85.0 *
Pioneer P1197YHR LLRR2	151.0	127.6	159.2	143.1 *	195.0 *	166.3 *	65.4
Augusta A5664GT 3000	148.0	133.5	151.8	124.7	154.7	146.9	73.3
Phoenix 7914A4 Viptera 3111	145.8	131.5	158.4	121.1	163.8	144.0	56.9
Seed Consultants SC 11AQ15 CBLRWGT™	149.3	137.8	137.6	142.3 *	166.0	150.5	69.9
Mycogen 2C786 SmartStax	111.1	109.3	150.5	129.5	170.3	145.0	84.9 *
Pioneer P1443YHR RR2LL	147.6	111.0	148.4	122.0	177.6	161.7 *	80.0
Terral REV 25BHR26 RR2LL	168.1 *	124.5	169.2 *	142.1 *	168.4	154.8	53.4
TA 736-22DPRIB VT2P	131.6	139.2 *	154.5	121.6	168.8	153.6	89.0 *
Progeny PGY4114 VT2PRR	158.1	135.9	131.7	133.5	175.0	171.2 *	92.7 *
Progeny PGY5115 VT2PRR	140.4	132.7	155.6	131.8	194.3 *	154.1	80.1
Dekalb DKC 64-35 GENVT2P	138.2	130.4	155.1	139.2 *	182.2	163.1 *	84.3
Dekalb DKC 62-20 GENVT2P	163.7 *	141.1 *	153.7	142.0 *	169.3	163.7 *	77.6
Dekalb DKC 60-88 GENVT2P	150.9	121.4	152.8	124.5	196.4 *	162.1 *	96.4 *
Pioneer P1311AM AMLLR2	149.7	117.5	178.5 *	125.8	178.9	145.7	46.7
Augusta 1564 GTCBLL	150.2	127.4	146.5	138.0 *	156.9	162.0 *	86.1 *
+Augusta 1565 GTCBLL	142.5	139.0 *	165.6	126.6	162.6	147.2	75.7
Augusta 5062 3110GT	155.4	136.5	170.5 *	134.3	194.0 *	163.7 *	61.6
Phoenix 6522A4 Viptera 3111	116.3	115.2	162.4	117.7	172.0	152.7	100.2 *
Phoenix 6190A4 Viptera 3111	154.5	135.3	141.8	119.8	157.6	149.5	89.4 *

Nutech\G2 Genetics 5F-015 AcreMaxRIB	161.4 *	120.0	184.0 **	138.0 *	180.7	159.7	72.1
Nutech\G2 Genetics 5F-515 AcreMaxRIB	161.1 *	146.5 *	136.4	136.7	197.7 *	165.3 *	56.4
Nutech\G2 Genetics 5F-113 AcreMaxRIB	160.6 *	129.5	155.7	127.0	182.6	159.3	79.6
Nutech\G2 Genetics 5F-713 AcreMaxRIB	149.0	126.1	151.3	121.2	183.7 *	149.5	53.2
Nutech\G2 Genetics 5F-811 AcreMaxRIB	152.0	125.9	154.6	126.0	171.8	158.9	61.6
Nutech\G2 Genetics 5F-710 AcreMaxRIB	135.5	109.6	153.0	130.4	175.6	160.5 *	48.6
+Mid-Atlantic MAX8122 VT2Pro	156.3	141.4 *	143.0	129.2	172.9	159.4	82.4
Mid-Atlantic MA8167 VT3Pro	144.1	124.5	144.1	125.8	158.5	163.1 *	72.0
+Mid-Atlantic MA8146 VT3Pro	177.3 **	131.6	143.4	132.1	169.5	156.8	82.8
Mid-Atlantic MA8147 GenSS	152.5	123.0	137.3	125.2	160.4	159.9	90.7 *
Mid-Atlantic MA5160 GT3	165.8 *	120.4	149.2	125.4	162.2	137.6	82.3
Dyna-Gro D52VC50 VT2Pro	144.5	130.3	174.2 *	115.9	156.3	160.0	103.3 **
Dyna-Gro D54VC52 VT2Pro	168.9 *	142.5 *	164.6	131.6	163.3	160.1	87.7 *
Mycogen MY13A35 SmartStax	140.0	114.8	147.9	122.7	158.9	137.2	65.3
Mycogen MY13M87 SmartStax	146.3	146.2 *	157.7	141.1 *	162.9	158.4	74.9
B-H Genetics BH 8465SS Genuity SS	143.0	148.2 *	152.5	146.0 *	155.4	156.6	73.9
B-H Genetics BH 8590VT2P Genuity VT2P	165.3 *	153.6 **	165.8	140.1 *	165.6	170.0 *	84.3
B-H Genetics BH 8675VT2P Genuity VT2P	154.7	134.1	159.4	131.3	176.0	170.6 *	100.9 *
B-H Genetics BH 8721VT2P Genuity VT2P	163.0 *	144.7 *	166.5	147.3 *	182.6	174.6 **	86.5 *
+Progeny PGY EXP1615VT2P	82.2	106.9	122.3	111.8	168.0	153.4	82.7
Syngenta N68K-3111A	143.2	124.5	146.3	117.8	161.7	152.4	89.9 *
Seed Consultants SC 11AQ17 CBLLRWGT™	144.3	123.9	142.6	130.6	153.2	157.1	63.0
Seed Consultants SCS 1136YHR LLRR2™	156.4	123.8	162.7	141.2 *	183.3 *	165.0 *	60.2
Doebler's RPM 5125AM YGCBHX1LLRR2	132.8	134.5	154.5	128.2	178.9	149.4	53.8
Doebler's RPM 5315AMXT RWYGCBHXLLRR2	146.6	134.9	160.8	118.4	195.8 *	158.4	55.1
TA 765-30 VIP3110	168.2 *	115.1	167.8 *	129.0	178.3	154.2	38.0
Mean	149.2	129.3	154.6	130.8	173.0	157.1	74.7
CV	11.3	13	10.9	9.9	11.7	9	24.8

AvgSEM	7.6	7.5	7.5	6.5	9	6.3	8.3
AvgLSD_10	17.6	15.5	17.2	14.8	20.2	14.5	18.4
LSD_DF	195	193	195	148	197	197	198

+Experimental

****Highest yielder. *Not significantly different from highest yielder.**

! Union location experienced a moderate drought for the months of July and August.

avg CV - coefficient of variation average

SEM - standard error of hybrid mean

LSD - measured differences between hybrids