

Table 6 . Statewide Performance of EARLY maturity (105-109) corn hybrids across North Carolina - 2016.

| <i>Hybrid or Brand-Hybrid</i> | <i>Yield (bu/a)</i> | <i>Moisture (%)</i> | <i>Ear Ht (inches)</i> | <i>Lodge (%)</i> |
|--|---------------------|---------------------|------------------------|------------------|
| Mid-Atlantic MA8092 VT2Pro | 142.9 ** | 15.7 | 41 | 0.1 |
| Mid-Atlantic MA8099 VT3Pro | 141.2 * | 15.7 | 42 | 0.5 |
| Augusta 4959 3110GT | 138.8 * | 15.7 | 40 | 1.2 |
| Augusta 1108 VT2Pro | 138.6 * | 15.7 | 40 | 2.0 |
| Dyna-Gro D49VC39 VT2Pro | 138.0 * | 15.7 | 42 | 0.6 |
| Pioneer P0604AM RR2LL | 136.8 * | 15.7 | 37 | 0.8 |
| Phoenix 5352A4 Viptera 3111 | 135.8 * | 15.7 | 44 | 1.5 |
| Terral REV 18BHR84 RR2LL | 135.2* | 15.7 | 39 | 1.1 |
| Mid-Atlantic MA8116 VT2Pro | 135.0 * | 15.7 | 35 | 2.7 |
| Mid-Atlantic MA8086 VT2Pro | 134.0 | 15.7 | 39 | 2.3 |
| Dyna-Gro D46SS46 SmartStax | 133.3 | 15.7 | 39 | 0.9 |
| Dekalb DKC 58-06 | 131.8 | 15.7 | 35 | 0.8 |
| Doebler's RPM 4917AM YGCBHX1LLRR2 | 131.3 | 15.7 | 42 | 0.3 |
| Seed Consultants SCS 1094YHR YGCBHX1LLRR2™ | 130.9 | 15.7 | 36 | 0.3 |
| NuTech\G2 Genetics 5F-709 AcreMax-RIB | 129.6 | 15.7 | 40 | 1.5 |
| | | | | |
| MEAN | 135.5 | | | |
| | | | | |
| LSD10 YIELD | 7.9 | | | |
| DF LSD10 Yield | 8.4 | | | |
| CV Yield | 6.6 | | | |
| SEM Yield | 3.4 | | | |

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

avg CV - coefficient of variation averaged across all 7 environments.

SEM - standard error of hybrid mean across all 7 environments.

LSD - measured differences between hybrids across all 7 environments.