

County Production Meeting

- CST Corn and Soybean Hybrid/Variety Performance Data, 2014



Summary of efforts of 33 agents & 69 TN/KY producers in 33 counties.

Harvesting a total of 2,166 plots.

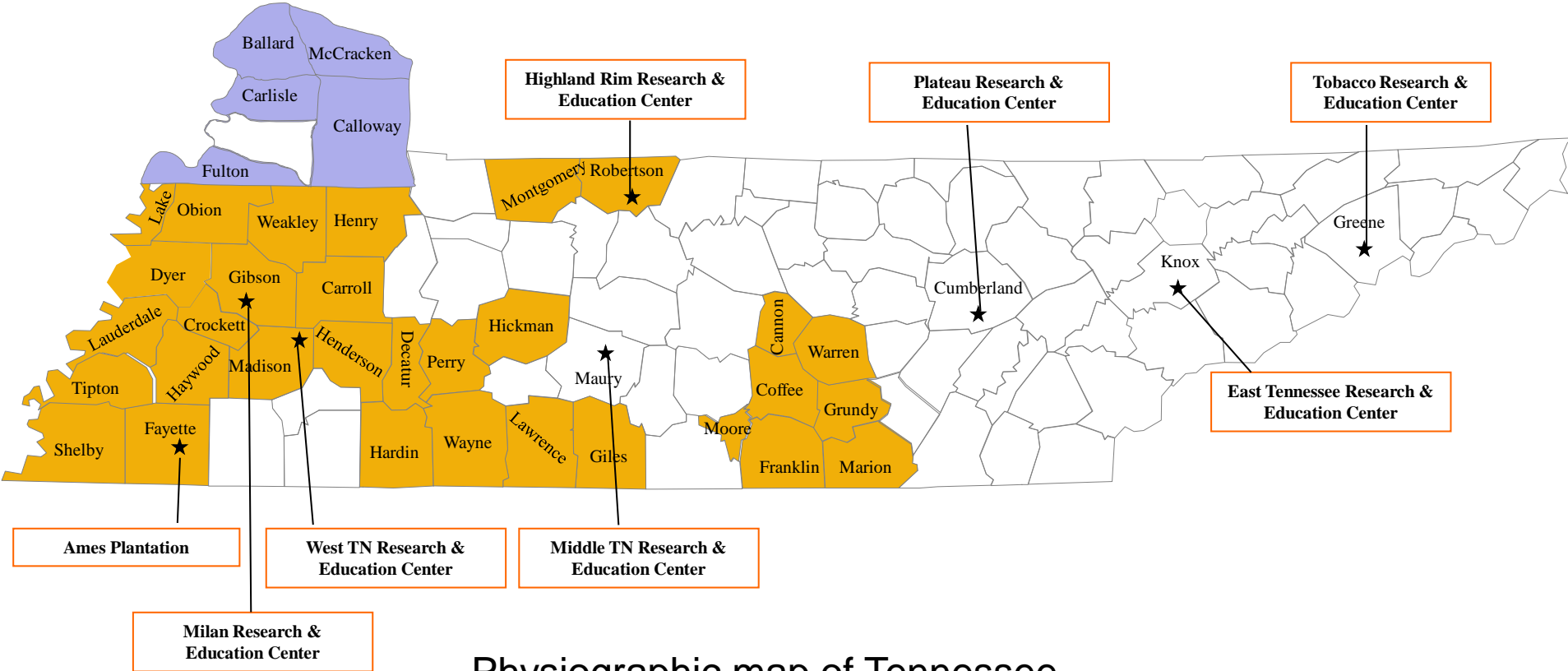
| | | | | |
|---------|--------------|--------------|--------------|-------------|
| Corn | 72 Hybrids | 13 Companies | 43 Locations | 1,039 plots |
| Soybean | 80 Varieties | 14 Companies | 41 Locations | 887 plots |
| Wheat | 20 Varieties | 10 Companies | 12 Locations | 240 plots |



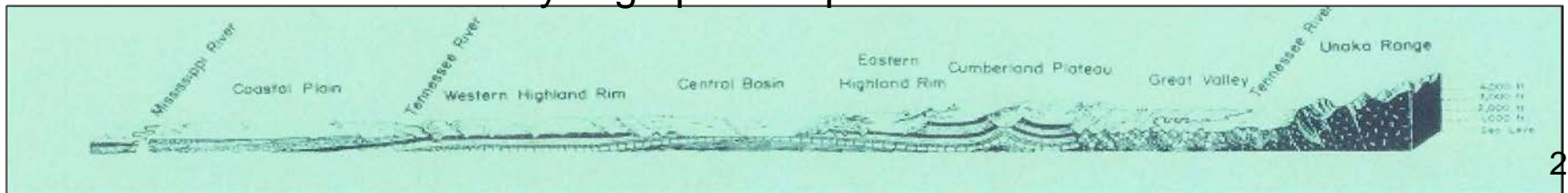
AGRONOMIC VARIETY TESTING

COUNTIES AND RESEARCH & EDUCATION CENTERS

Kentucky Counties



Physiographic map of Tennessee



2013 STANDARD EARLY SEASON ROUNDUP/STACKED CORN HYBRID TEST (108-113 DAY)

Tennessee & West Kentucky
(22 Hybrids X 21 Locations)

Legend

157 Location yield

157 Top yield

157 Yield above avg



2014 STANDARD EARLY SEASON ROUNDUP/STACKED CORN HYBRID TEST (108-113 DAY) Tennessee & West Kentucky (29 Hybrids X 14 Locations)

Legend

| | |
|-----|-----------------|
| 157 | Location yield |
| 157 | Top yield |
| 157 | Yield above avg |



| MS | BRAND/HYBRID | AvgYld | Moist | TWt¶ | Ball | Coff | Croc | Faye | Fran | Fult | Gibs | Giles | Hen1 | Hen2 | Laud | Madi | Obio | Weak | |
|---------|---------------------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----|
| | | bu/a | % | lb/bu | 5/6 § | 4/2 | 4/17 | 4/15 | 4/23 | 5/6 | 4/21 | 5/5 | 4/18 | 5/22 | 5/20 | 4/17 | 4/15 | 4/21 | |
| A | LG Seeds LG5618 STXRIB | 215 | 16.4 | 59.4 | 194 | 255 | 157 | 194 | 182 | 214 | 196 | 209 | 260 | 213 | 229 | 184 | 259 | 257 | 12 |
| AB | Armor 1330PRO2 | 211 | 16.1 | 59.6 | 211 | 236 | 158 | 175 | 177 | 198 | 226 | 198 | 248 | 206 | 218 | 210 | 239 | 252 | 10 |
| ABC | AgriGold A6472 VT3PRIB | 210 | 16.2 | 59.2 | 205 | 241 | 159 | 165 | 203 | 202 | 213 | 250 | 231 | 186 | 227 | 194 | 246 | 222 | 12 |
| ABCD | AgriGold A6501 VT2RIB | 206 | 17.1 | 60.2 | 192 | 245 | 144 | 148 | 182 | 220 | 246 | 186 | 230 | 187 | 185 | 208 | 273 | 232 | 7 |
| ABCD | AgriGold A6517 VT3PRIB | 205 | 16.1 | 55.9 | 189 | 226 | 138 | 170 | 198 | 207 | 182 | 245 | 231 | 209 | 205 | 193 | 238 | 240 | 9 |
| ABCDE | LG Seeds LG2555 VT3PRIB | 204 | 15.8 | 56.8 | 190 | 220 | 141 | 152 | 182 | 219 | 192 | 197 | 231 | 208 | 249 | 185 | 244 | 248 | 7 |
| ABCDE | Warren Seed DS9610 3000GT | 204 | 15.8 | 58.0 | 180 | 217 | 130 | 147 | 178 | 217 | 241 | 224 | 237 | 187 | 242 | 187 | 240 | 233 | 9 |
| ABCDEF | Stine 9739 VT3PRO | 204 | 16.6 | 55.8 | 201 | 190 | 150 | 168 | 160 | 216 | 211 | 238 | 228 | 193 | 252 | 183 | 246 | 216 | 10 |
| ABCDEFG | AgriGold A6499 VT2RIB | 204 | 16.2 | 59.8 | 200 | 224 | 148 | 142 | 195 | 209 | 183 | 221 | 243 | 182 | 250 | 180 | 245 | 229 | 11 |
| BCDEFG | Terral 22BHR43 | 203 | 16.3 | 59.9 | 203 | 254 | 162 | 166 | 211 | 195 | 174 | 199 | 233 | 200 | 201 | 189 | 246 | 214 | 9 |
| BCDEFG | Dyna-Gro D52VC91 GENVT2P | 202 | 15.8 | 59.3 | 195 | 213 | 149 | 179 | 182 | 200 | 184 | 235 | 237 | 187 | 232 | 166 | 237 | 226 | 8 |
| BCDEFG | Dekalb DKC62-08 GENSS | 202 | 15.6 | 57.8 | 202 | 203 | 179 | 173 | 184 | 224 | 218 | 162 | 234 | 200 | 212 | 151 | 242 | 237 | 9 |
| BCDEFG | Augusta A5658 GTCBLLD | 201 | 16.2 | 57.4 | 186 | 213 | 158 | 172 | 198 | 201 | 188 | 228 | 216 | 181 | 237 | 169 | 245 | 218 | 6 |
| BCDEFG | Beck 5828AM | 200 | 15.8 | 58.8 | 193 | 224 | 136 | 170 | 193 | 192 | 210 | 228 | 230 | 169 | 235 | 189 | 238 | 199 | 8 |
| BCDEFG | Terral 18BHR84 | 200 | 16.0 | 58.6 | 179 | 230 | 141 | 169 | 196 | 190 | 181 | 222 | 237 | 166 | 248 | 167 | 242 | 232 | 8 |
| BCDEFG | Augusta A5262 GTCBLLD | 200 | 16.4 | 56.3 | 191 | 218 | 131 | 135 | 171 | 203 | 211 | 208 | 235 | 215 | 223 | 185 | 246 | 227 | 7 |
| CDEFGH | Warren Seed DS9111 SSX | 199 | 15.9 | 58.1 | 198 | 215 | 159 | 147 | 187 | 222 | 184 | 203 | 219 | 186 | 224 | 191 | 244 | 212 | 8 |
| DEFGH | Dekalb DKC62-77 VT3PRIB | 199 | 16.1 | 58.3 | 201 | 213 | 150 | 177 | 178 | 203 | 191 | 220 | 219 | 199 | 228 | 159 | 233 | 216 | 6 |
| DEFGH | Croplan 6640 VT3 | 199 | 16.1 | 59.3 | 203 | 241 | 151 | 162 | 166 | 205 | 197 | 177 | 249 | 181 | 196 | 176 | 246 | 235 | 8 |
| DEFGH | Mycogen 2V777 SSX | 199 | 15.9 | 56.3 | 171 | 219 | 154 | 173 | 188 | 208 | 186 | 259 | 217 | 198 | 207 | 153 | 236 | 216 | 6 |
| DEFGHI | Steyer 11209 VT2PRORIB | 197 | 16.1 | 59.2 | 202 | 227 | 142 | 177 | 189 | 186 | 219 | 200 | 227 | 180 | 195 | 186 | 224 | 207 | 6 |
| DEFGHI | Dyna-Gro D53VC13 GENVT2P | 195 | 16.4 | 58.6 | 169 | 234 | 153 | 162 | 161 | 193 | 192 | 201 | 229 | 178 | 210 | 165 | 249 | 236 | 4 |
| DEFGHI | Croplan 6265 VT2PRIB | 195 | 15.7 | 59.0 | 208 | 220 | 152 | 167 | 184 | 204 | 174 | 228 | 236 | 155 | 225 | 153 | 217 | 203 | 7 |
| DEFGHI | Mycogen 2V714 SSX | 194 | 15.7 | 57.2 | 206 | 194 | 148 | 156 | 184 | 213 | 181 | 214 | 232 | 164 | 206 | 168 | 241 | 214 | 5 |
| EFGHI | Warren Seed DS9212 SSX | 194 | 15.7 | 57.1 | 193 | 226 | 156 | 155 | 201 | 204 | 185 | 230 | 224 | 145 | 175 | 178 | 221 | 218 | 7 |
| FGHI | Beck 6348A3 3000GT | 193 | 16.4 | 57.6 | 188 | 217 | 141 | 165 | 177 | 206 | 196 | 215 | 218 | 186 | 166 | 166 | 236 | 225 | 6 |
| GHI | Stine 9741 EVT3PRO | 192 | 16.4 | 56.5 | 175 | 218 | 136 | 163 | 212 | 168 | 162 | 230 | 218 | 185 | 190 | 183 | 233 | 222 | 3 |
| HI | Armor 1314 | 188 | 15.8 | 58.6 | 195 | 203 | 133 | 149 | 193 | 203 | 162 | 215 | 222 | 175 | 191 | 172 | 212 | 214 | 3 |
| I | Steyer 11103 VT2PRORIB | 187 | 15.9 | 58.8 | 163 | 179 | 127 | 167 | 177 | 194 | 182 | 203 | 223 | 184 | 224 | 168 | 231 | 199 | 2 |
| | Average (bu/a) | 200 | 16.1 | 58.2 | 193 | 221 | 148 | 164 | 186 | 204 | 195 | 215 | 231 | 186 | 217 | 178 | 240 | 224 | |

Table 3. Overall mean yields and agronomic characteristics of 54 early-season corn hybrids evaluated in seven environments in Tennessee during 2014.

| | | Avg. Yield [†] | Moisture | Test | Plant | Ear |
|------------------|--------------------------|-------------------------|------------|--------|---------------------|---------------------|
| | | ± Std Error | at Harvest | Weight | Height [‡] | Height [‡] |
| Brand | Hybrid § | (n=7) | (n=7) | (n=2) | (n=3) | (n=3) |
| | | bu/a | % | lbs/bu | in. | in. |
| Agrigold | A6501VT2RIB | 206 ± 4 | 19.7 | 58.5 | 98 | 36 |
| Augusta | A6664 (VT2P) | 206 ± 4 | 20.0 | 57.7 | 94 | 34 |
| Terral-REV Brand | 23BHR55 (RR/LL/YGCB/HX1) | 204 ± 4 | 18.8 | 57.8 | 103 | 38 |
| Wyffels | W7806RIB (RR/VT2P) | 203 ± 4 | 20.0 | 58.7 | 101 | 36 |
| LG SEEDS | LG2555VT3PRIB | 203 ± 4 | 17.9 | 57.3 | 102 | 36 |
| Dekalb | DKC61-89 GENVT2P | 203 ± 4 | 16.9 | 58.5 | 98 | 36 |
| LG SEEDS | LG5618STXRIB | 202 ± 4 | 19.5 | 58.3 | 91 | 36 |
| Wyffels | W7736RIB (RR/VT2P) | 201 ± 4 | 19.9 | 57.6 | 97 | 35 |
| Croplan | 6640VT3P | 201 ± 4 | 19.3 | 58.4 | 98 | 37 |
| Agrigold | A6499STXRIB | 200 ± 4 | 20.0 | 57.0 | 91 | 35 |
| Armor | 1330 (VT3P) | 199 ± 4 | 18.3 | 58.7 | 103 | 37 |
| Agrigold | A6517VT3PRIB | 199 ± 4 | 17.3 | 56.9 | 94 | 34 |
| AgriGold | A6488VT2RIB (RR) | 198 ± 4 | 18.8 | 58.3 | 91 | 35 |
| Steyer | 11103 VT2PRORIBC | 198 ± 4 | 18.2 | 58.2 | 97 | 35 |
| LG Seeds | LG5607VT2RIB | 198 ± 4 | 18.6 | 58.9 | 95 | 36 |
| Beck's XL Brand | 6175AM (RR/LL/CB/RW) | 198 ± 4 | 18.5 | 58.4 | 108 | 39 |
| Augusta | A5262 (GT/LL/CB) | 198 ± 4 | 18.9 | 55.4 | 104 | 40 |
| Agrigold | A6472VT2RIB | 196 ± 4 | 18.8 | 58.3 | 99 | 38 |
| Beck's Hybrids | 6347VR (GT) | 196 ± 4 | 19.3 | 58.3 | 98 | 37 |
| Agrigold | A6559VT2RIB | 196 ± 4 | 18.0 | 58.6 | 98 | 38 |
| Steyer | 11208 VT2PRORIBC | 196 ± 4 | 18.5 | 58.3 | 98 | 37 |
| Beck's XL Brand | 5828AM (RR/LL/CB) | 196 ± 4 | 17.9 | 57.8 | 98 | 37 |
| Dekalb | DKC62-08 GENSS | 195 ± 4 | 18.4 | 57.5 | 92 | 37 |
| Warren Seed | DS9212SSX | 195 ± 4 | 17.9 | 57.8 | 97 | 38 |
| Armor | AXC2108 | 195 ± 4 | 16.4 | 59.2 | 93 | 35 |
| Armor | 1262 (PRO2) | 194 ± 4 | 18.1 | 58.8 | 102 | 36 |
| Dekalb | DKC62-77 (VT2P/RIB) | 193 ± 4 | 18.3 | 58.5 | 96 | 35 |
| Terral-REV Brand | 18BHR84 (RR/LL/YGCB/HX1) | 192 ± 4 | 18.1 | 58.0 | 98 | 34 |
| Dyna-Gro | D52VC91 (VT2P) | 191 ± 4 | 19.2 | 59.2 | 96 | 33 |
| Caverndale Farms | CF 834 VT2PRORIB | 191 ± 4 | 19.6 | 58.4 | 92 | 32 |
| Great Lakes | 6354VT3PRIB | 191 ± 4 | 18.6 | 57.1 | 94 | 32 |
| Warren Seed | DS9610 (RR/CB/RW) | 191 ± 4 | 18.5 | 55.6 | 95 | 37 |

2013 STANDARD MEDIUM SEASON ROUNDUP/STACKED CORN HYBRID TEST (114-116 DAY)

Tennessee & West Kentucky
(18 Hybrids X 23 Locations)

Legend

| | |
|-----|-----------------|
| 157 | Location yield |
| 157 | Top yield |
| 157 | Yield above avg |



| MS | BRAND/HYBRID | AvgYld | Moist | TWt | Ca/ | Can | Car | Cof | Dec | Dye | Fa1 | Fa2 | Fra | Ful | Gib | Gil | Hay | Hen | He1 | He2 | Hic | Mad | McC | Per | Rob | She | Way | |
|------|----------------------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----|
| | | bu/a | % | lb/bu | 5/16\$ | 4/15 | 5/14 | 4/15 | 5/16 | 4/18 | 5/1 | 4/16 | 5/15 | 5/2 | 4/18 | 4/10 | 5/10 | 4/22 | 5/15 | 5/20 | 5/16 | 4/17 | 5/18 | 5/3 | 4/18 | 5/15 | 5/15 | |
| A | Terral 24BHR93 | 200 | 17.6 | 58.4 | 240 | 217 | 180 | 192 | 233 | 203 | 177 | 207 | 187 | 218 | 195 | 148 | 136 | 176 | 226 | 235 | 241 | 166 | 178 | 232 | 225 | 178 | 208 | 20 |
| AB | Dyna-Gro D55VP77 VT3P | 196 | 17.6 | 59.1 | 236 | 202 | 173 | 173 | 208 | 221 | 184 | 195 | 189 | 211 | 200 | 137 | 130 | 208 | 214 | 213 | 219 | 174 | 193 | 220 | 256 | 177 | 175 | 16 |
| AB | *Croplan 6960 VT3P | 195 | 17.5 | 59.6 | 220 | 186 | 164 | 197 | 232 | 213 | 179 | 189 | 215 | 198 | 198 | 137 | 143 | 177 | 221 | 215 | 205 | 166 | 186 | 232 | 238 | 167 | 205 | 13 |
| AB | ***Dekalb DKC66-97 GENVT2P | 195 | 17.8 | 59.1 | 248 | 206 | 167 | 195 | 199 | 209 | 192 | 194 | 204 | 204 | 184 | 149 | 120 | 163 | 209 | 188 | 239 | 167 | 228 | 249 | 206 | 182 | 178 | 14 |
| AB | ***Dekalb DKC64-69 GENVT3P | 194 | 17.8 | 58.8 | 249 | 214 | 158 | 170 | 216 | 210 | 190 | 206 | 176 | 186 | 204 | 149 | 129 | 213 | 214 | 207 | 228 | 174 | 200 | 233 | 203 | 165 | 179 | 16 |
| AB | *Armor 1550PRO2 VT2PRO | 194 | 18.0 | 58.8 | 241 | 215 | 183 | 175 | 221 | 190 | 168 | 200 | 169 | 194 | 204 | 152 | 116 | 206 | 237 | 207 | 218 | 152 | 202 | 237 | 227 | 158 | 194 | 14 |
| ABC | Augusta A5664 3000GT | 193 | 18.0 | 57.6 | 223 | 205 | 174 | 192 | 215 | 208 | 170 | 189 | 211 | 193 | 189 | 133 | 120 | 205 | 198 | 204 | 224 | 187 | 198 | 214 | 215 | 163 | 197 | 11 |
| ABC | *Augusta A5565 VT3Pro | 192 | 17.8 | 58.5 | 234 | 211 | 170 | 175 | 217 | 202 | 177 | 208 | 185 | 208 | 246 | 132 | 128 | 193 | 195 | 204 | 221 | 151 | 161 | 238 | 210 | 176 | 174 | 14 |
| ABCD | Augusta A6665 VT3Pro | 191 | 17.0 | 59.2 | 214 | 186 | 182 | 191 | 225 | 212 | 186 | 192 | 165 | 207 | 196 | 156 | 113 | 200 | 186 | 202 | 239 | 156 | 196 | 211 | 232 | 172 | 179 | 14 |
| BCD | Warren Seed DS9314 SSX | 189 | 18.0 | 57.1 | 216 | 200 | 166 | 186 | 211 | 210 | 170 | 200 | 188 | 199 | 195 | 136 | 123 | 202 | 199 | 191 | 226 | 176 | 165 | 212 | 210 | 185 | 191 | 11 |
| BCD | Armor 1555 SS | 189 | 18.0 | 58.1 | 220 | 195 | 163 | 176 | 213 | 188 | 187 | 191 | 181 | 196 | 200 | 129 | 134 | 177 | 203 | 197 | 221 | 180 | 196 | 207 | 225 | 178 | 191 | 10 |
| BCD | Warren Seed DS9713 SSX | 189 | 18.4 | 55.3 | 239 | 200 | 174 | 172 | 216 | 187 | 167 | 166 | 155 | 192 | 208 | 132 | 134 | 188 | 199 | 213 | 218 | 177 | 173 | 227 | 217 | 184 | 204 | 11 |
| BCD | AgriGold A6573 VT3PRIB | 189 | 18.0 | 57.1 | 244 | 204 | 167 | 167 | 202 | 195 | 172 | 210 | 188 | 193 | 171 | 122 | 116 | 171 | 196 | 223 | 219 | 145 | 209 | 240 | 217 | 179 | 187 | 8 |
| BCD | Terral 26R60 | 188 | 17.7 | 58.5 | 229 | 191 | 186 | 183 | 229 | 183 | 166 | 189 | 180 | 195 | 183 | 128 | 109 | 201 | 209 | 223 | 231 | 168 | 146 | 258 | 214 | 150 | 182 | 9 |
| BCD | LG Seeds LG2636 VT3PRIB | 188 | 17.6 | 57.3 | 231 | 192 | 172 | 186 | 202 | 186 | 174 | 180 | 156 | 209 | 194 | 120 | 128 | 170 | 235 | 217 | 210 | 186 | 157 | 238 | 212 | 189 | 187 | 10 |
| CD | Dyna-Gro D54VP81 VT3P | 184 | 17.6 | 59.7 | 236 | 219 | 171 | 189 | 218 | 198 | 171 | 166 | 179 | 185 | 202 | 164 | 147 | 183 | 187 | 195 | 203 | 167 | 177 | 108 | 236 | 148 | 184 | 11 |
| D | Croplan 6926 VT3P | 182 | 17.2 | 59.7 | 224 | 225 | 162 | 186 | 188 | 165 | 157 | 194 | 183 | 209 | 171 | 131 | 111 | 179 | 180 | 177 | 216 | 165 | 176 | 239 | 220 | 156 | 177 | 6 |
| E | AgriGold A6553 VT2RIB | 171 | 18.0 | 57.3 | 207 | 193 | 164 | 162 | 204 | 166 | 171 | 181 | 191 | 189 | 178 | 148 | 112 | 56 | 150 | 205 | 193 | 165 | 138 | 196 | 215 | 171 | 188 | 4 |
| | Average (bu/a) | 190 | 17.7 | 58.3 | 231 | 203 | 171 | 181 | 214 | 197 | 175 | 192 | 183 | 199 | 195 | 139 | 125 | 182 | 203 | 206 | 221 | 168 | 182 | 222 | 221 | 171 | 188 | |

2014 STANDARD MEDIUM SEASON ROUNDUP/STACKED CORN HYBRID TEST (114-116 DAY) Tennessee & West Kentucky (29 Hybrids X 16 Locations)

Legend

| | |
|-----|-----------------|
| 157 | Location yield |
| 157 | Top yield |
| 157 | Yield above avg |



| MS | BRAND/HYBRID | AvgYld | Moist | TWt% | Carl | Deca | Faye | Fran | Fulton | Gibs | Hayw | Henr1 | Henr2 | Hick | Lake | Madi | Mont | Robe | Shel | Weak | |
|---------|---------------------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----|
| | | bu/a | % | lb/bu | 4/15 § | 5/5 | 4/11 | 4/24 | 5/6 | 4/21 | 5/7 | 4/18 | 5/22 | 5/6 | 4/24 | 4/12 | 4/22 | 4/24 | 4/22 | 4/26 | |
| A | LG Seeds LG5701 VT2RIB | 202 | 16.4 | 59.5 | 182 | 184 | 260 | 248 | 214 | 206 | 124 | 240 | 211 | 219 | 144 | 204 | 161 | 164 | 233 | 242 | 13 |
| AB | *Dyna-Gro D55VC77 GENVT2P | 202 | 16.2 | 59.6 | 182 | 215 | 241 | 255 | 203 | 190 | 136 | 242 | 205 | 218 | 186 | 197 | 166 | 161 | 221 | 209 | 14 |
| ABC | Beck 6626AM | 201 | 16.2 | 59.8 | 185 | 178 | 251 | 250 | 223 | 189 | 124 | 251 | 215 | 205 | 191 | 189 | 171 | 159 | 226 | 207 | 13 |
| ABCD | **Armor 1550PRO2 | 200 | 16.3 | 59.9 | 180 | 213 | 237 | 245 | 227 | 194 | 130 | 234 | 188 | 227 | 147 | 209 | 174 | 162 | 213 | 223 | 14 |
| ABCDE | *Terral 24BHR93 | 198 | 16.2 | 59.5 | 184 | 180 | 250 | 236 | 213 | 191 | 130 | 257 | 207 | 203 | 170 | 201 | 168 | 145 | 224 | 214 | 12 |
| ABCDEF | Warren Seed DS9713 SSX | 197 | 16.3 | 56.7 | 190 | 173 | 237 | 237 | 223 | 192 | 134 | 233 | 228 | 210 | 193 | 175 | 161 | 155 | 200 | 213 | 10 |
| ABCDEF | Dyna-Gro D56VC46 GENVT2P | 197 | 17.1 | 58.5 | 158 | 199 | 236 | 238 | 220 | 182 | 124 | 233 | 230 | 229 | 165 | 197 | 165 | 172 | 191 | 213 | 11 |
| ABCDEF | AgriGold A6573 VT3PRIB | 197 | 16.1 | 57.4 | 162 | 195 | 259 | 235 | 228 | 168 | 126 | 236 | 197 | 199 | 195 | 193 | 162 | 154 | 219 | 223 | 9 |
| ABCDEF | Dekalb DKC66-42 VT2P | 197 | 16.2 | 58.5 | 169 | 198 | 230 | 259 | 210 | 188 | 114 | 250 | 183 | 217 | 178 | 186 | 162 | 155 | 227 | 222 | 7 |
| ABCDEFG | AgriGold A6559 VT2RIB | 196 | 15.8 | 59.5 | 180 | 199 | 256 | 225 | 228 | 192 | 107 | 234 | 190 | 225 | 148 | 170 | 171 | 169 | 213 | 226 | 11 |
| ABCDEFG | Mycogen 2C797 SSX | 194 | 15.9 | 57.7 | 178 | 184 | 239 | 231 | 209 | 189 | 128 | 232 | 201 | 218 | 155 | 190 | 156 | 172 | 183 | 238 | 9 |
| ABCDEFG | Steyer 11407 VT2PRORIB | 194 | 16.3 | 60.1 | 183 | 180 | 233 | 232 | 205 | 198 | 120 | 237 | 196 | 209 | 150 | 193 | 174 | 155 | 224 | 216 | 8 |
| BCDEFG | Dekalb DKC64-69 GENVT3P | 193 | 16.0 | 59.1 | 186 | 201 | 239 | 235 | 214 | 191 | 113 | 240 | 211 | 195 | 127 | 186 | 171 | 164 | 218 | 204 | 9 |
| BCDEFG | Beck 6542A4 | 193 | 17.0 | 56.4 | 183 | 151 | 228 | 236 | 206 | 184 | 131 | 241 | 210 | 228 | 165 | 178 | 173 | 142 | 225 | 213 | 8 |
| CDEFG | Croplan 6960 VT3P | 193 | 16.0 | 60.3 | 195 | 177 | 221 | 246 | 207 | 195 | 122 | 243 | 213 | 198 | 132 | 189 | 161 | 161 | 215 | 210 | 9 |
| CDEFG | Augusta A5664 GT3000D | 192 | 17.0 | 57.9 | 166 | 187 | 217 | 221 | 208 | 194 | 121 | 211 | 223 | 223 | 158 | 200 | 169 | 157 | 208 | 215 | 9 |
| DEFG | Augusta A5566 GTCBLLD | 192 | 17.7 | 58.5 | 179 | 175 | 238 | 243 | 217 | 182 | 107 | 211 | 197 | 223 | 172 | 190 | 161 | 146 | 201 | 228 | 8 |
| DEFG | Dyna-Gro D54VC81 GENVT2P | 192 | 16.2 | 59.9 | 168 | 188 | 236 | 223 | 226 | 184 | 118 | 247 | 201 | 193 | 165 | 166 | 160 | 156 | 222 | 212 | 6 |
| DEFG | Mycogen 2C786 SSX | 192 | 16.1 | 58.1 | 189 | 173 | 231 | 245 | 220 | 190 | 116 | 170 | 213 | 219 | 172 | 190 | 171 | 159 | 201 | 205 | 10 |
| EFG | Croplan 7087 VT2PRO | 191 | 16.1 | 58.6 | 147 | 143 | 247 | 260 | 222 | 191 | 97 | 238 | 204 | 194 | 154 | 195 | 164 | 153 | 240 | 215 | 9 |
| EFG | Warren Seed DS9314 SSX | 191 | 16.3 | 57.9 | 182 | 153 | 228 | 237 | 223 | 191 | 116 | 220 | 198 | 215 | 174 | 192 | 169 | 163 | 197 | 199 | 9 |
| EFG | Armor 1616PRO3 | 191 | 16.8 | 58.4 | 177 | 191 | 248 | 240 | 214 | 193 | 109 | 224 | 178 | 198 | 186 | 183 | 171 | 129 | 206 | 207 | 7 |
| EFG | Augusta A5565 VT2PROD | 191 | 16.5 | 59.7 | 179 | 179 | 223 | 240 | 223 | 183 | 121 | 237 | 186 | 195 | 163 | 197 | 155 | 156 | 213 | 199 | 8 |
| EFG | Beck 6948A3 | 191 | 16.9 | 57.7 | 170 | 185 | 196 | 224 | 207 | 191 | 115 | 232 | 202 | 204 | 165 | 211 | 162 | 149 | 217 | 220 | 6 |
| FGH | Dekalb DKC66-97 GENVT2P | 190 | 16.3 | 58.5 | 169 | 165 | 228 | 239 | 211 | 185 | 104 | 246 | 171 | 213 | 185 | 179 | 161 | 152 | 206 | 224 | 5 |
| FGH | Armor 1555PRO2 | 190 | 16.4 | 59.7 | 172 | 170 | 218 | 225 | 218 | 181 | 121 | 232 | 198 | 199 | 175 | 179 | 156 | 154 | 221 | 217 | 5 |
| FGH | Steyer 11604 VT2PRORIB | 189 | 17.0 | 58.3 | 174 | 187 | 235 | 216 | 190 | 191 | 123 | 218 | 215 | 199 | 172 | 187 | 168 | 152 | 191 | 214 | 8 |
| GH | Warren Seed DS9311 SSX | 188 | 15.5 | 56.7 | 174 | 165 | 245 | 216 | 204 | 189 | 120 | 227 | 199 | 212 | 163 | 177 | 157 | 168 | 177 | 211 | 5 |
| H | Stine 9806 EVT3PRO | 182 | 16.7 | 56.6 | 180 | 169 | 219 | 209 | 223 | 174 | 114 | 227 | 199 | 194 | 153 | 184 | 171 | 139 | 173 | 177 | 3 |
| | Average (bu/a) | 194 | 16.4 | 58.6 | 177 | 181 | 235 | 236 | 215 | 189 | 120 | 233 | 202 | 210 | 166 | 189 | 165 | 156 | 210 | 214 | |

Table 9. Overall mean yields and agronomic characteristics of 48 medium-season corn hybrids evaluated in seven environments in Tennessee during 2014.

| Brand | Hybrid § | Avg. Yield [†] | Moisture | Test | Plant | Ear |
|------------------|-----------------------------|-------------------------|---------------------|-----------------|------------------------------|------------------------------|
| | | ± Std Err (n=7) | at Harvest (n=7) | Weight (n=2) | Height [‡] (n=3) | Height [‡] (n=3) |
| | | bu/a | % | lbs/bu | in. | in. |
| Great Lakes | 6686VT3PRIB | 212 ± 4 | 18.5 | 57.7 | 92 | 35 |
| LG Seeds | LG5638VT2PRO | 211 ± 4 | 19.0 | 57.6 | 93 | 34 |
| Wyffels | W8377 (RR/VT3P) | 210 ± 4 | 18.8 | 57.5 | 102 | 38 |
| Progeny | PGY EXP 14SS | 209 ± 4 | 17.4 | 58.7 | 102 | 37 |
| Agrigold | A6659VT2RIB | 208 ± 4 | 18.8 | 57.8 | 92 | 32 |
| Beck's XL Brand | 6626AM (RR/LL/CB) | 208 ± 4 | 17.9 | 55.9 | 103 | 38 |
| Steyer | 11407 VT2PRORIBC | 208 ± 4 | 18.7 | 58.4 | 93 | 34 |
| Mycogen | 2J794 (RR2/LL/HX1) | 207 ± 4 | 19.5 | 56.2 | 99 | 39 |
| Terral-REV Brand | 24BHR93 (RR/LL/CB/HX1) | 207 ± 4 | 18.5 | 58.2 | 105 | 40 |
| Mycogen | 2C797 (RR2/LL/SSX) | 206 ± 4 | 17.1 | 57.6 | 95 | 38 |
| Dyna-Gro | D55VP77 (VT3P) | 206 ± 4 | 17.6 | 58.5 | 91 | 31 |
| Steyer | 11504 VT2PRORIBC | 206 ± 4 | 17.2 | 58.7 | 101 | 35 |
| Armor | AXC3114 | 205 ± 4 | 18.5 | 55.3 | 92 | 33 |
| LG Seeds | LG5701VT2RIB | 205 ± 4 | 18.7 | 57.8 | 92 | 33 |
| Progeny | PGY 4115VT2P (RR2) | 203 ± 4 | 18.4 | 57.7 | 102 | 38 |
| Warren Seed | DS9713SSX | 203 ± 4 | 19.0 | 55.8 | 92 | 37 |
| Armor | 1616 (PRO3) | 203 ± 4 | 18.9 | 57.1 | 93 | 33 |
| Great Lakes | 6462STXRIB | 203 ± 4 | 18.2 | 58.1 | 91 | 35 |
| Dekalb | DKC66-87 GENVT2P | 202 ± 4 | 18.8 | 57.4 | 97 | 35 |
| Wyffels | W7888RIB (RR/LL/SSX) | 201 ± 4 | 18.3 | 57.9 | 89 | 33 |
| DeKalb | DKC66-97 GENVT2P | 201 ± 4 | 18.1 | 58.5 | 96 | 36 |
| Augusta | A5566 (GT/LL/CB) | 201 ± 4 | 20.1 | 57.8 | 102 | 37 |
| Mycogen | 2C786 (RR2/LL/SSX) | 201 ± 4 | 17.9 | 57.4 | 85 | 37 |
| Croplan | 7927VT3P | 200 ± 4 | 19.2 | 57.4 | 102 | 39 |
| Steyer | 11604 VT2PRORIBC | 199 ± 4 | 19.5 | 56.5 | 99 | 37 |
| AgriGold | A6574STX (RR/LL) | 199 ± 4 | 18.7 | 57.5 | 86 | 31 |
| Progeny | PGY 5115VT2P (RR2) | 199 ± 4 | 18.7 | 58.6 | 96 | 34 |
| NK Seed | N79T-3111 (GT/LL/CB/RW/VIP) | 198 ± 4 | 18.6 | 58.1 | 102 | 37 |
| Terral-REV Brand | 25BHR44 (RR/LL/YGCB/HX1) | 197 ± 4 | 19.2 | 54.8 | 101 | 36 |
| Dekalb | DKC66-40 GENSSRIB | 197 ± 4 | 18.6 | 55.6 | 100 | 39 |
| Augusta | A5565 (VT2P) | 196 ± 4 | 18.6 | 57.9 | 91 | 32 |
| Steyer | 11406 GENSSRIBC (RR/LL) | 196 ± 4 | 19.3 | 58.0 | 95 | 34 |
| Armor | 1550 (PRO2) | 195 ± 4 | 18.8 | 58.4 | 96 | 32 |
| Warren Seed | DS9314SSX | 195 ± 4 | 18.2 | 57.6 | 89 | 35 |
| Warren Seed | DS9311SSX | 194 ± 4 | 17.1 | 56.8 | 95 | 38 |

2013 STANDARD FULL SEASON ROUNDUP/STACKED CORN HYBRID TEST (>116 DAY)

Tennessee & West Kentucky
(12 Hybrids X 15 Locations)

Legend

| | |
|-----|-----------------|
| 157 | Location yield |
| 157 | Top yield |
| 157 | Yield above avg |



| MS | BRAND/HYBRID | AvgYld | Moist | TWt | Ca// | Cann | Coff | Dyer | Fay1 | Fay2 | Fran | Fult | Gibs | Gile | Hend | Hen1 | Hen2 | Robe | Shel | |
|-----|-------------------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----|
| | | bu/a | % | lb/bu | 5/16 § | 4/14 | 4/15 | 4/18 | 5/1 | 4/16 i | 5/15 | 5/2 | 4/18 | 4/10 | 4/15 | 5/15 | 5/20 | 4/23 | 5/15 | |
| A | Augusta A7767 VT3Pro | 201 | 18.8 | 57.4 | 245 | 195 | 177 | 209 | 179 | 199 | 193 | 211 | 199 | 150 | 218 | 246 | 212 | 205 | 185 | 11 |
| A | Croplan 8621 VT3P | 201 | 17.7 | 56.9 | 243 | 215 | 182 | 237 | 162 | 195 | 204 | 191 | 197 | 126 | 223 | 248 | 220 | 208 | 162 | 11 |
| A | *AgriGold A6659 VT3PRO | 200 | 17.5 | 58.2 | 232 | 201 | 182 | 228 | 165 | 191 | 207 | 209 | 201 | 159 | 192 | 235 | 215 | 204 | 182 | 11 |
| A | Terral 27HR83 | 200 | 17.7 | 58.3 | 242 | 217 | 179 | 214 | 157 | 222 | 198 | 212 | 194 | 121 | 210 | 248 | 206 | 190 | 192 | 10 |
| A | *Croplan 8410 VT3P | 198 | 17.9 | 59.6 | 237 | 185 | 186 | 215 | 156 | 227 | 223 | 204 | 190 | 137 | 208 | 237 | 177 | 207 | 183 | 10 |
| A | Terral 28HR20 | 197 | 18.1 | 59.1 | 237 | 213 | 175 | 203 | 140 | 198 | 207 | 198 | 201 | 134 | 223 | 237 | 214 | 192 | 187 | 8 |
| AB | AgriGold A6687 VT2PRO | 196 | 17.5 | 59.5 | 230 | 205 | 177 | 211 | 147 | 195 | 214 | 212 | 184 | 141 | 220 | 227 | 194 | 197 | 185 | 8 |
| ABC | *Dyna-Gro D57VP51 VT3P | 195 | 17.9 | 58.4 | 232 | 199 | 170 | 207 | 148 | 213 | 173 | 200 | 195 | 170 | 206 | 235 | 213 | 190 | 173 | 5 |
| ABC | Dekalb DKC67-57 GENVT3P | 194 | 17.8 | 59.4 | 232 | 209 | 187 | 216 | 172 | 213 | 179 | 198 | 182 | 152 | 186 | 219 | 202 | 193 | 173 | 6 |
| ABC | Armor 1880PRO2 VT2PRO | 194 | 17.4 | 59.6 | 246 | 186 | 155 | 214 | 158 | 199 | 194 | 212 | 188 | 135 | 214 | 239 | 199 | 198 | 167 | 7 |
| BC | Augusta A6867 GTCBLLC | 189 | 18.5 | 58.5 | 204 | 188 | 177 | 208 | 160 | 204 | 204 | 180 | 187 | 122 | 184 | 247 | 223 | 187 | 161 | 6 |
| C | Dekalb DKC69-29 GENVT3P | 188 | 18.5 | 58.7 | 229 | 195 | 172 | 204 | 146 | 165 | 192 | 200 | 189 | 128 | 177 | 222 | 221 | 194 | 182 | 2 |
| | Average (bu/a) | 196 | 17.9 | 58.6 | 234 | 201 | 177 | 214 | 158 | 202 | 199 | 202 | 192 | 140 | 205 | 237 | 208 | 197 | 178 | |

2014 STANDARD FULL SEASON ROUNDUP/STACKED

CORN HYBRID TEST (>116 DAY)

Tennessee & West Kentucky

(13 Hybrids X 13 Locations)

Legend

157 Location yield

157 Top yield

157 Yield above avg



| MS | BRAND/HYBRID | AvgYld | Moist | TWt | Faye | Frank | Fulton | Gibs | Henr1 | Henr2 | Lake | Laud | Madi | Obion | Shelby | Tipton | Weak | |
|------|-------------------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|----|
| | | bu/a | % | lb/bu | 4/11 § | 4/23 | 5/6 | 4/21 | 4/15 | 5/22 | 5/6 | 5/9 | 4/11 | 4/15 | 4/22 | 4/24 | 4/23 | |
| A | *Croplan 8621 VT2P | 206 | 16.7 | 57.4 | 236 | 189 | 190 | 212 | 229 | 227 | 196 | 175 | 192 | 255 | 225 | 104 | 249 | 10 |
| A | *Augusta A7767 VT3PROD | 204 | 17.7 | 57.3 | 221 | 173 | 184 | 192 | 229 | 203 | 200 | 164 | 224 | 252 | 227 | 108 | 271 | 10 |
| AB | **Dyna-Gro D57VP51 VT3P | 204 | 17.0 | 58.7 | 218 | 186 | 194 | 183 | 225 | 209 | 206 | 186 | 221 | 252 | 215 | 81 | 272 | 9 |
| ABC | *Dekalb DKC67-58 VT2P | 201 | 17.9 | 59.4 | 236 | 170 | 188 | 190 | 220 | 196 | 220 | 154 | 203 | 246 | 217 | 117 | 256 | 9 |
| ABC | **AgriGold A6659 VT2RIB | 199 | 17.5 | 58.8 | 226 | 156 | 188 | 186 | 204 | 228 | 217 | 128 | 232 | 252 | 200 | 85 | 279 | 7 |
| ABC | Dekalb DKC69-31 VT2P | 198 | 17.7 | 58.1 | 249 | 145 | 185 | 186 | 218 | 193 | 195 | 149 | 220 | 241 | 238 | 78 | 275 | 7 |
| ABCD | *Terral 27HR83 | 197 | 17.8 | 58.7 | 252 | 158 | 185 | 189 | 230 | 210 | 189 | 159 | 193 | 215 | 240 | 80 | 259 | 7 |
| ABCD | **Croplan 8410 VT3P | 197 | 17.1 | 59.5 | 227 | 164 | 189 | 188 | 212 | 194 | 182 | 188 | 217 | 252 | 203 | 83 | 256 | 5 |
| ABCD | *Armor 1880 PRO2 | 196 | 16.7 | 59.5 | 231 | 162 | 197 | 182 | 221 | 205 | 190 | 181 | 166 | 243 | 224 | 94 | 252 | 7 |
| BCD | Steyer 11801 VT2PRORIB | 193 | 17.0 | 58.8 | 212 | 165 | 184 | 177 | 224 | 218 | 220 | 119 | 196 | 237 | 226 | 76 | 253 | 5 |
| CD | Croplan 7927 VT3 | 191 | 16.9 | 58.5 | 218 | 164 | 176 | 168 | 236 | 208 | 194 | 163 | 170 | 237 | 239 | 71 | 245 | 4 |
| CD | Warren Seed DS9217 SSX | 191 | 18.8 | 57.7 | 230 | 139 | 175 | 163 | 205 | 208 | 185 | 170 | 213 | 231 | 210 | 109 | 243 | 5 |
| D | Mycogen 2H877 SSX | 186 | 17.6 | 56.1 | 233 | 175 | 167 | 171 | 188 | 182 | 187 | 181 | 189 | 205 | 200 | 81 | 260 | 4 |
| | Average (bu/a) | 197 | 17.4 | 58.3 | 230 | 165 | 185 | 184 | 219 | 206 | 199 | 163 | 203 | 240 | 220 | 90 | 259 | |

Table 15. Overall mean yields and agronomic characteristics of 24 full-season corn hybrids evaluated in six environments in Tennessee during 2014.

| | | Avg. Yield[†] | Moisture | Test | Plant | Ear |
|------------------|---------------------------|-------------------------------|-------------------|---------------|---------------------------|---------------------------|
| | | ± Std Err | at Harvest | Weight | Height[‡] | Height[‡] |
| Brand | Hybrid § | (n=6) | (n=6) | (n=1) | (n=3) | (n=3) |
| | | bu/a | % | lbs/bu | in. | in. |
| Dyna-Gro | D57VP51 (VT3P) | 206 ± 4 | 18.8 | 55.7 | 92 | 34 |
| Terral-REV Brand | 27HR83 (RR/LL/HX1) | 205 ± 4 | 18.0 | 59.5 | 110 | 43 |
| Dekalb | DKC67-58 GENVT2P | 202 ± 5 | 19.0 | 57.9 | 94 | 35 |
| Caverndale Farms | CF 894 VT2PRORIB | 202 ± 5 | 18.7 | 58.4 | 96 | 36 |
| Agrigold | A6687VT2PRO | 201 ± 5 | 18.5 | 58.5 | 98 | 36 |
| Croplan | 8621VT3P | 200 ± 4 | 18.0 | 57.4 | 99 | 39 |
| Croplan | 8512DGVT2P | 199 ± 5 | 18.1 | 58.9 | 99 | 36 |
| Progeny | PGY 4117VT2P (RR2) | 197 ± 4 | 17.8 | 57.0 | 101 | 43 |
| Mycogen | MYCX13809 (RR/LL/HX1) | 196 ± 5 | 21.0 | 56.6 | 99 | 41 |
| Beck's Hybrids | 6967VR (LL/GT/CB) | 195 ± 5 | 22.0 | 57.3 | 98 | 35 |
| AgriGold | A6719VT2PRO (RR) | 195 ± 4 | 18.4 | 56.4 | 104 | 40 |
| Warren Seed | DS9217SSX | 194 ± 5 | 20.4 | 58.8 | 92 | 38 |
| Dekalb | DKC69-31 | 194 ± 5 | 19.0 | 57.7 | 103 | 38 |
| Augusta | A8868 (VT3P) | 192 ± 4 | 18.7 | 58.7 | 100 | 39 |
| Terral-REV Brand | 28R10 (RR) | 190 ± 4 | 18.8 | 56.3 | 106 | 39 |
| Beck's XL Brand | 6778AM (RR/LL/CB) | 190 ± 5 | 17.2 | 55.7 | 95 | 36 |
| NK Seed | N83D-3000GT (GT/LL/CB/RW) | 189 ± 5 | 20.3 | 57.7 | 102 | 37 |
| Caverndale Farms | 883 GTCBLL | 188 ± 4 | 19.9 | 54.8 | 102 | 35 |
| TN EXP | TN 1401 | 187 ± 5 | 19.6 | 55.9 | 104 | 41 |
| Mycogen | MYCX13826 (RR/LL/SSX) | 185 ± 5 | 20.1 | 56.4 | 98 | 37 |
| Mycogen | 2H877 (RR2/LL/SSX) | 183 ± 5 | 19.9 | 56.7 | 102 | 37 |

2013 STANDARD MG III ROUNDUP READY SOYBEAN VARIETY TEST

(4 Varieties X 8 Locations)

Legend

| | |
|-------------|-----------------|
| 75.8 | Location yield |
| 75.8 | Top yield |
| 75.8 | Yield above avg |



| MS | Brand/Variety | AvgYld | Moist | Coffee | Dyer | Franklin | Henry | Lake | Madison | Obion | Weakley | |
|----|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
| | | bu/a | % | plant 5/2 | 5/28 | 5/21 | 6/26 | 5/16 | 5/30 | 5/28 | 6/28 | |
| A | **Terral REV-38R10 | 67.0 | 14.3 | 73.6 | 59.9 | 84.4 | 62.9 | 54.2 | 83.4 | 63.7 | 54.1 | 5 |
| A | Asgrow AG3833 GENRR2Y | 66.7 | 14.4 | 76.2 | 61.0 | 74.5 | 68.7 | 55.0 | 95.1 | 59.7 | 43.4 | 5 |
| A | Warren Seed DS 4010 | 66.0 | 14.3 | 71.1 | 65.5 | 66.1 | 58.8 | 54.0 | 90.7 | 68.3 | 53.3 | 5 |
| A | Armor 39-R16 RR2/STS | 63.4 | 14.4 | 82.3 | 62.9 | 71.2 | 60.6 | 44.4 | 78.7 | 61.5 | 46.1 | 2 |
| | Average (bu/a) | 65.8 | 14.3 | 75.8 | 62.3 | 74.1 | 62.7 | 51.9 | 87.0 | 63.3 | 49.2 | |

Table 3. Mean yields † and agronomic characteristics of eight Maturity Group III Roundup Ready soybean varieties evaluated in four environments in Tennessee during 2013.

| Brand | Variety ‡ | Avg. Yield | Moisture § (n=4) | Lodging (n=4) | Height (n=4) | Maturity (n=4) | Shattering (n=3) | Seed |
|---------------------|---------------------------|---------------------|---------------------|------------------|-----------------|-------------------|---------------------|------------------|
| | | ± Std Err. (n=4) | | | | | | Quality (n=1) |
| | | bu/a | % | Score | in. | DAP | ----- Score ----- | |
| Armor | 39-R16 (RR) | 74 ± 1 | 13.9 | 1.2 | 36 | 128 | 1.0 | 1.7 |
| Terral-REV Brand | 38R10 (RR) | 68 ± 1 | 14.0 | 1.4 | 35 | 125 | 1.2 | 1.7 |
| Steyer | 4203 R2 (RR2Y) (4E CHECK) | 67 ± 1 | 13.9 | 1.5 | 34 | 129 | 1.0 | 2.2 |
| Warren Seed | DSR-4330/R2Y (4E CHECK) | 67 ± 1 | 13.9 | 1.8 | 33 | 129 | 1.0 | 1.5 |
| Dyna-Gro | S38RY84 (RR2Y) | 66 ± 1 | 13.8 | 1.3 | 33 | 124 | 1.0 | 1.3 |
| Warren Seed | DS4010 (RR) | 66 ± 1 | 13.9 | 2.9 | 35 | 126 | 1.0 | 1.7 |
| AgBorn Genetics LLC | ABx2193 (RR) | 57 ± 2 | 13.8 | 1.8 | 36 | 127 | 1.0 | 1.8 |
| AgBorn Genetics LLC | ABx7648 (RR) | 56 ± 1 | 14.8 | 1.9 | 35 | 124 | 1.2 | 1.7 |
| Average | | 65 | 14.0 | 1.7 | 35 | 127 | 1.1 | 1.7 |

† All yields are adjusted to 13% moisture.

‡ If a trait appears inside parentheses i.e. (RR), then it is not part of the variety name.

§ Average moisture at harvest.

Lodging = 1 to 5 scale; where 1 = 95% of plants erect; 2.5 = ~50% of plants leaning at angle ≥ 45°; 5 = 95+% of plants leaning at an angle ≥ 45°.

Maturity = days after planting (DAP).

Shattering = 1 to 5 scale; where 1 = no shattering; 5 = 90+% of pods shattered.

Seed Quality = 1 to 5 scale; where 1 = < 5% of seeds show ing disease or split seed coats; 5=95+% of seed are diseased or have split seed coats.

2013 STANDARD MG IV EARLY SEASON (4.0 - 4.5 MATURITY)

RR SOYBEAN VARIETY TEST

(14 Varieties X 12 Locations)



Legend

| | |
|-------------|-----------------|
| 75.8 | Location yield |
| 75.8 | Top yield |
| 75.8 | Yield above avg |

| MS | Brand/Variety | AvgYld | Moist | Cann | Coff | Dyer | Fran | Henr | Hick | Lake | Lawr | Madi | Obio | Tipt | Weak | |
|-----|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----|
| | | bu/a | % | plant5/30 | 5/2 | 5/28 | 5/21 | 6/24 | 6/14 | 5/14 | 6/28 | 5/30 | 5/28 | 6/21 | 7/8 | |
| A | *Mycogen 5N451 RR2Y | 70.6 | 13.4 | 70.8 | 76.8 | 64.7 | 80.7 | 77.6 | 74.5 | 73.6 | 65.5 | 79.2 | 61.6 | 69.1 | 53.4 | 8 |
| AB | Dyna-Gro 39RY43 RR2Y | 70.2 | 13.0 | 75.1 | 81.9 | 65.3 | 74.5 | 72.2 | 74.2 | 72.1 | 64.1 | 84.1 | 63.3 | 69.7 | 46.5 | 9 |
| AB | Warren Seed DS 4340 R2Y | 70.2 | 12.9 | 73.8 | 80.6 | 67.0 | 74.7 | 72.1 | 71.8 | 74.5 | 57.0 | 90.0 | 67.4 | 67.7 | 46.3 | 9 |
| AB | Dyna-Gro 31RY45 RR2Y | 70.1 | 13.2 | 64.9 | 82.5 | 64.7 | 75.1 | 75.0 | 71.8 | 59.4 | 63.1 | 95.5 | 71.6 | 66.6 | 51.3 | 9 |
| AB | Asgrow AG4433 GENRR2Y | 70.1 | 13.5 | 80.7 | 72.7 | 59.3 | 80.4 | 76.2 | 73.3 | 69.5 | 67.3 | 84.6 | 61.8 | 65.7 | 49.7 | 9 |
| AB | *Asgrow AG4232 GENRR2Y/STS | 69.6 | 13.4 | 74.7 | 75.0 | 66.9 | 77.3 | 70.1 | 68.6 | 68.3 | 63.4 | 79.2 | 74.7 | 66.8 | 50.3 | 9 |
| AB | *Armor 44-R08 RR2Y | 69.5 | 13.1 | 72.4 | 82.4 | 66.6 | 76.9 | 62.3 | 71.5 | 74.5 | 64.7 | 82.2 | 66.6 | 67.3 | 46.4 | 10 |
| AB | *Croplan 4391 GENRR2Y | 69.2 | 13.1 | 79.2 | 78.6 | 65.9 | 81.8 | 65.8 | 73.1 | 68.7 | 63.5 | 81.1 | 66.0 | 64.4 | 42.2 | 8 |
| ABC | Ag South GeneticsAGS45R212 | 67.3 | 13.3 | 70.4 | 76.5 | 64.5 | 86.4 | 67.8 | 72.6 | 53.7 | 63.1 | 73.3 | 69.5 | 63.5 | 46.3 | 5 |
| BC | Progeny P4510 RY/STS | 66.9 | 13.1 | 74.4 | 81.2 | 58.0 | 60.6 | 73.7 | 68.9 | 59.5 | 64.8 | 77.0 | 63.7 | 64.6 | 56.0 | 5 |
| C | USG 74D32 RR2Y | 65.3 | 13.2 | 71.4 | 77.1 | 61.1 | 67.5 | 67.5 | 59.3 | 61.4 | 58.5 | 87.5 | 59.5 | 64.5 | 47.7 | 2 |
| C | Armor 45-R60 RR2/STS | 64.8 | 13.5 | 63.3 | 73.7 | 62.6 | 88.5 | 59.4 | 66.1 | 56.2 | 59.9 | 79.3 | 59.6 | 61.2 | 48.4 | 2 |
| C | USG 74F12 RR2Y | 64.6 | 13.1 | 69.4 | 79.2 | 66.6 | 67.9 | 59.7 | 63.3 | 63.7 | 56.2 | 85.6 | 57.9 | 65.1 | 40.3 | 3 |
| C | Schillinger 458.RCS | 63.6 | 13.3 | 71.2 | 77.5 | 60.4 | 68.3 | 64.0 | 67.2 | 60.8 | 55.2 | 71.1 | 63.9 | 62.9 | 41.2 | |
| | Average (bu/a) | 68.0 | 13.2 | 72.3 | 78.3 | 63.8 | 75.8 | 68.8 | 69.7 | 65.4 | 61.9 | 82.1 | 64.8 | 65.6 | 47.6 | |

2014 STANDARD MG IV EARLY SEASON (4.0 - 4.5 MATURITY)

RR SOYBEAN VARIETY TEST

(18 Varieties X 11 Locations)

Legend

75.8 Location yield

75.8 Top yield

75.8 Yield above avg



| MS | Brand/Variety | AvgYld | Moist | Dyer | Faye | Gibs | Gile | Henr | Hick | Lake | Madi | Obio | Warr | Weak | |
|------|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----|
| | | bu/a | % | plant5/20 | 5/15 | 5/7 | 6/17 | 5/5 | 5/21 | 6/16 | 5/5 | 5/15 | 6/3 | 5/22 | |
| A | Progeny P4211 RY (RR2Y) | 70.3 | 13.1 | 80.4 | 39.1 | 88.3 | 51.8 | 84.5 | 76.4 | 58.6 | 72.8 | 81.4 | 69.3 | 71.1 | 11 |
| A | **Mycogen 5N451 RR2Y | 70.2 | 13.1 | 84.3 | 40.8 | 92.0 | 47.5 | 81.8 | 85.6 | 44.3 | 70.7 | 78.2 | 73.2 | 73.6 | 9 |
| AB | Asgrow AG4533 GENRR2Y/SR | 69.6 | 13.2 | 83.1 | 44.0 | 84.4 | 51.4 | 81.9 | 78.5 | 55.1 | 69.1 | 77.8 | 67.8 | 72.4 | 9 |
| AB | LG Seeds C4411R2 | 69.3 | 13.1 | 79.3 | 44.9 | 83.9 | 48.3 | 82.5 | 74.8 | 55.5 | 71.7 | 79.3 | 69.7 | 72.3 | 10 |
| AB | *Dyna-Gro 31RY45 RR2Y | 69.2 | 12.9 | 82.0 | 40.7 | 90.7 | 48.6 | 80.0 | 85.0 | 40.1 | 70.4 | 82.1 | 67.4 | 74.6 | 9 |
| ABC | **Armor 44-R08 RR2Y | 67.7 | 13.0 | 77.5 | 37.2 | 87.6 | 44.7 | 83.5 | 79.2 | 39.5 | 76.4 | 81.3 | 68.9 | 69.2 | 7 |
| ABC | Armor 43-R43 RR2Y | 67.7 | 13.0 | 82.6 | 41.2 | 86.3 | 41.4 | 83.5 | 70.5 | 54.5 | 77.3 | 76.0 | 64.8 | 66.3 | 6 |
| ABC | Mycogen 5N452 RR2Y | 67.6 | 12.9 | 80.7 | 38.6 | 79.9 | 43.7 | 78.7 | 76.8 | 55.8 | 69.9 | 80.6 | 68.6 | 70.1 | 7 |
| ABCD | Warren Seed DS 4330 R2Y | 67.1 | 13.0 | 78.7 | 46.0 | 81.6 | 48.0 | 72.8 | 70.9 | 56.4 | 66.7 | 77.3 | 73.5 | 66.3 | 4 |
| BCD | Steyer 4203R2 RR2Y | 66.7 | 13.1 | 79.6 | 40.8 | 76.9 | 46.0 | 80.7 | 76.6 | 49.1 | 68.4 | 80.5 | 65.6 | 69.7 | 9 |
| BCD | Warren Seed DS 4340 R2Y | 66.1 | 13.2 | 79.4 | 40.9 | 85.9 | 47.2 | 80.1 | 68.0 | 38.5 | 69.5 | 81.8 | 67.9 | 68.2 | 7 |
| CD | Beck's 433R2 | 65.7 | 13.1 | 83.3 | 33.9 | 87.5 | 40.4 | 79.8 | 78.5 | 38.7 | 65.8 | 76.7 | 68.3 | 69.9 | 5 |
| CD | Beck's 444NR (RR) | 65.0 | 13.2 | 79.4 | 34.6 | 73.0 | 45.4 | 70.9 | 79.6 | 48.7 | 68.9 | 77.8 | 68.3 | 68.2 | 3 |
| CD | Asgrow AG4534 GENRR2Y/SR | 64.7 | 13.1 | 76.9 | 35.2 | 82.6 | 42.5 | 83.1 | 73.3 | 48.7 | 54.4 | 78.5 | 67.4 | 69.4 | 2 |
| CD | USG 74F53R (RR2Y/STS) | 64.7 | 12.9 | 76.1 | 38.4 | 81.7 | 48.6 | 72.1 | 74.3 | 53.6 | 60.7 | 75.9 | 67.2 | 63.0 | 2 |
| CD | Asgrow AG4232 GENRR2Y (STS) | 64.6 | 13.0 | 74.4 | 41.8 | 78.9 | 39.8 | 74.8 | 73.8 | 52.5 | 63.8 | 77.5 | 69.5 | 63.8 | 3 |
| D | Dyna-Gro 39RY43 RR2Y | 64.0 | 13.1 | 77.0 | 33.2 | 82.8 | 44.5 | 77.2 | 75.7 | 50.6 | 51.9 | 76.0 | 68.7 | 66.7 | 2 |
| E | Progeny P4510 RY (RR2Y/STS) | 60.1 | 13.0 | 65.6 | 32.7 | 78.7 | 46.1 | 75.2 | 69.3 | 41.7 | 53.3 | 78.3 | 66.8 | 53.9 | 1 |
| | Average (bu/a) | 66.7 | 13.1 | 78.9 | 39.1 | 83.5 | 45.9 | 79.1 | 75.9 | 49.0 | 66.8 | 78.7 | 68.5 | 68.3 | |

Table 13. Mean yields † and agronomic characteristics of 34 Early Maturity Group IV (4.0 - 4.5) Roundup Ready soybean varieties evaluated in six environments in Tennessee during 2014.

| Brand | Variety ‡ | Avg. Yield | Moisture § (n=6) | Lodging (n=5) | Height (n=5) | Frogeye (n=1) |
|------------------|-------------------|---------------------|---------------------|------------------|-----------------|------------------|
| | | ± Std Err. (n=6) | | | | |
| | | bu/a | % | Score | in. | Score |
| Mycogen | 5N451R2 | 63 ± 2 | 13.3 | 1.3 | 34 | 2.3 |
| Warren Seed | DS 4340 R2Y | 62 ± 2 | 13.4 | 1.3 | 30 | 3.0 |
| Dyna-Gro | 31RY45 (RR2) | 62 ± 2 | 13.4 | 1.2 | 34 | 1.7 |
| Steyer | 4303R2 | 62 ± 2 | 13.6 | 1.3 | 36 | 4.7 |
| Armor | 44-R08 (RR2) | 61 ± 2 | 13.6 | 1.3 | 31 | 3.0 |
| LG Seeds | C4544R2 | 61 ± 2 | 12.8 | 1.1 | 34 | 2.0 |
| Terral-REV Brand | 44A15 (RR2) | 61 ± 2 | 12.8 | 1.2 | 32 | 1.7 |
| Dyna-Gro | 39RY43 (RR2) | 61 ± 2 | 13.6 | 1.4 | 32 | 3.3 |
| USG | 74F53R (RR2/STS) | 61 ± 2 | 13.4 | 1.6 | 35 | 2.0 |
| Dyna-Gro | S43RY95 (RR2) | 60 ± 2 | 13.2 | 1.8 | 36 | 3.7 |
| Armor | AX4450 (RR2) | 60 ± 2 | 13.8 | 1.4 | 32 | 5.3 |
| Mycogen | 5N452R2 | 59 ± 2 | 13.7 | 1.5 | 33 | 1.7 |
| Progeny | 4211 RY | 59 ± 2 | 13.9 | 1.3 | 31 | 3.3 |
| Armor | AX4430 (RR2) | 59 ± 2 | 13.4 | 1.3 | 35 | 5.0 |
| USG | 74F24RS (RR2/STS) | 59 ± 2 | 13.5 | 1.5 | 36 | 4.0 |
| Warren Seed | DS 4330 RR2 | 58 ± 2 | 13.7 | 1.2 | 31 | 4.3 |
| Terral-REV Brand | 41A05 (RR) | 58 ± 2 | 13.6 | 1.4 | 32 | 2.0 |
| Progeny | 4440 RY | 58 ± 2 | 13.0 | 1.4 | 35 | 4.3 |
| Dyna-Gro | S42RS03 (RR2/STS) | 56 ± 2 | 13.7 | 1.1 | 31 | 3.7 |
| Asgrow | AG4433 (RR2) | 55 ± 2 | 13.8 | 1.4 | 37 | 6.0 |
| Steyer | 4401R2 | 55 ± 2 | 13.6 | 1.1 | 29 | 2.0 |
| NK | S45-V8 | 55 ± 2 | 12.9 | 1.4 | 32 | 2.7 |
| Asgrow | AG4534 (RR2/STS) | 54 ± 2 | 13.3 | 1.2 | 33 | 5.0 |
| LG Seeds | C4411 R2 | 54 ± 2 | 13.9 | 1.2 | 33 | 6.0 |
| USG | 74A33R (RR2) | 54 ± 2 | 13.2 | 1.4 | 31 | 5.7 |
| Armor | 43-R43 (RR2) | 53 ± 2 | 13.0 | 1.2 | 32 | 6.0 |
| Armor | AX4440 (RR2) | 53 ± 2 | 13.3 | 1.2 | 33 | 3.0 |
| Croplan | R2C4114 (RR) | 52 ± 2 | 12.8 | 1.0 | 32 | 6.3 |
| Dyna-Gro | S40RY25 (RR2) | 52 ± 2 | 13.6 | 1.1 | 30 | 3.0 |
| Warren Seed | DST 40-001 RR2 | 52 ± 2 | 13.5 | 1.1 | 30 | 4.0 |
| Terral-REV Brand | 42A65 (RR) | 51 ± 2 | 12.7 | 1.1 | 31 | 5.7 |
| Asgrow | AG4232 (RR2/STS) | 51 ± 2 | 13.6 | 1.6 | 34 | 6.0 |
| Armor | AX4410 (RR2) | 50 ± 2 | 14.2 | 1.5 | 31 | 3.0 |
| Progeny | 4510 RYS | 45 ± 2 | 13.2 | 1.2 | 33 | 7.7 |
| Average | | 57 | 13.4 | 1.3 | 33 | 3.9 |

2013 STANDARD GROUP IV LATE SEASON (4.6 - 4.9 MATURITY)

RR SOYBEAN VARIETY TEST

(24 Varieties X 16 Locations)

Legend

| | |
|-------------|-----------------|
| 75.8 | Location yield |
| 75.8 | Top yield |
| 75.8 | Yield above avg |



| MS | Brand/Variety | AvgYld | Moist | Ball | Call | Coff | Deca | Dyer | Fay1 | Fay2 | Fran | Giles | Hard | Henr | Lake | Madi | Mari | Mont | Obio | |
|-------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----|
| | | bu/a | % | plant6/22 | 6/26 | 5/2 | 6/15 | 5/28 | 6/13 | 6/12 | 5/28 | 6/28 | 6/15 | 6/24 | 5/14 | 5/14 | 5/15 | 6/26 | 5/28 | |
| A | Morsoy Xtra R2 47X12 RR2Y/STS | 61.3 | 13.0 | 55.1 | 56.3 | 70.3 | 79.6 | 62.4 | 45.0 | 44.3 | 69.6 | 48.4 | 72.1 | 66.4 | 59.5 | 72.2 | 60.5 | 56.3 | 62.4 | 10 |
| A | Armor 47-R13 RR2Y/STS | 60.4 | 13.6 | 58.9 | 53.9 | 70.5 | 82.3 | 62.8 | 31.5 | 52.6 | 71.2 | 40.6 | 58.7 | 65.0 | 60.0 | 74.6 | 73.1 | 48.4 | 62.1 | 9 |
| AB | Asgrow AG4632 GENRR2Y/STS | 60.1 | 12.9 | 50.9 | 50.1 | 84.3 | 72.9 | 58.9 | 39.9 | 55.5 | 66.8 | 42.3 | 57.0 | 60.4 | 62.2 | 74.0 | 74.8 | 49.4 | 62.4 | 9 |
| AB | Asgrow AG4933 GENRR2Y | 60.0 | 13.0 | 51.8 | 51.9 | 75.7 | 83.5 | 63.2 | 36.8 | 44.4 | 68.2 | 53.1 | 50.5 | 51.3 | 61.3 | 70.6 | 76.2 | 53.7 | 67.6 | 11 |
| ABC | ***Schillinger 4990RC | 59.7 | 12.9 | 42.0 | 48.4 | 78.6 | 68.3 | 64.5 | 45.0 | 58.0 | 67.5 | 39.2 | 67.9 | 51.3 | 57.9 | 72.9 | 68.6 | 54.4 | 70.0 | 11 |
| ABC | Dyna-Gro S48RS53 (RR2Y/STS) | 59.6 | 13.1 | 39.2 | 58.9 | 60.0 | 81.8 | 66.1 | 39.2 | 46.6 | 69.9 | 44.5 | 71.4 | 52.5 | 58.2 | 72.3 | 72.8 | 50.1 | 69.9 | 12 |
| ABC | Croplan R2C 4752S GENRR2Y/STS | 59.5 | 13.1 | 47.7 | 50.4 | 68.1 | 78.5 | 63.6 | 45.1 | 45.5 | 65.6 | 53.3 | 64.3 | 41.0 | 63.5 | 77.4 | 76.7 | 46.4 | 65.0 | 10 |
| ABCD | **Armor 48-R91 RR2Y/STS | 59.0 | 12.9 | 48.3 | 47.4 | 75.3 | 74.3 | 67.6 | 38.7 | 51.6 | 70.5 | 43.4 | 54.2 | 51.7 | 57.5 | 76.0 | 72.4 | 45.7 | 69.1 | 12 |
| ABCD | *Croplan R2C 4801S GENRR2Y/STS | 58.9 | 13.1 | 47.4 | 45.6 | 76.6 | 76.2 | 67.2 | 41.6 | 45.1 | 69.2 | 55.2 | 48.5 | 50.3 | 56.1 | 76.5 | 66.9 | 50.2 | 69.8 | 11 |
| ABCD | Progeny P4850 RY/STS | 58.9 | 13.0 | 42.6 | 48.2 | 53.6 | 78.1 | 64.2 | 35.8 | 46.9 | 60.9 | 48.1 | 74.5 | 51.1 | 61.6 | 80.7 | 74.6 | 56.0 | 65.2 | 11 |
| ABCD | Warren Seed DS 4633 R2Y | 58.8 | 12.9 | 38.1 | 47.2 | 84.5 | 67.0 | 65.1 | 40.9 | 56.7 | 73.2 | 40.4 | 67.9 | 51.0 | 66.2 | 71.2 | 59.4 | 52.4 | 60.1 | 10 |
| ABCD | Armor 48-R66 RR2Y/STS | 58.8 | 13.4 | 49.8 | 43.3 | 64.9 | 67.1 | 65.4 | 28.2 | 44.2 | 72.0 | 40.2 | 72.8 | 54.0 | 56.0 | 77.3 | 73.2 | 59.6 | 72.6 | 9 |
| ABCD | Mycogen 5N478 RR2Y/STS | 58.4 | 13.0 | 37.5 | 53.8 | 77.5 | 69.2 | 69.7 | 35.0 | 42.3 | 73.4 | 48.9 | 60.0 | 50.9 | 60.3 | 70.9 | 69.8 | 50.7 | 65.0 | 10 |
| ABCD | Morsoy Xtra R2 48X02 RR2Y | 58.1 | 13.0 | 37.3 | 47.7 | 74.7 | 74.6 | 65.7 | 30.1 | 49.3 | 66.2 | 46.6 | 59.8 | 31.7 | 66.0 | 82.6 | 73.2 | 54.0 | 69.7 | 12 |
| ABCDE | Terral REV-47R53 | 58.0 | 12.6 | 49.6 | 53.2 | 72.5 | 74.1 | 65.3 | 41.5 | 40.4 | 60.5 | 33.3 | 62.6 | 61.4 | 58.1 | 74.5 | 64.9 | 51.4 | 64.4 | 10 |
| ABCDE | Ag South Genetics AGS47R212 | 57.5 | 12.9 | 43.6 | 44.5 | 77.5 | 68.7 | 69.0 | 37.1 | 41.2 | 66.1 | 47.0 | 64.1 | 48.5 | 58.0 | 78.6 | 69.2 | 45.2 | 61.9 | 7 |
| ABCDE | Hornbeck HBK RY4620 RR2Y/STS | 57.0 | 12.8 | 51.7 | 53.2 | 80.4 | 61.0 | 61.4 | 27.9 | 32.7 | 73.8 | 40.9 | 68.6 | 58.5 | 53.9 | 66.0 | 72.1 | 50.4 | 59.7 | 8 |
| BCDEF | Progeny P4710 RY/STS | 56.0 | 12.8 | 57.0 | 35.7 | 61.8 | 73.6 | 60.7 | 37.2 | 40.8 | 61.3 | 44.2 | 59.5 | 57.6 | 57.5 | 72.7 | 68.0 | 52.2 | 56.4 | 7 |
| BCDEF | Warren Seed DS 4850 R2Y/STS | 55.9 | 13.0 | 39.1 | 46.2 | 57.8 | 82.3 | 64.7 | 38.9 | 49.8 | 67.1 | 33.1 | 66.7 | 44.0 | 56.9 | 76.9 | 57.5 | 49.5 | 64.7 | 6 |
| CDEF | USG 74A69R RR2Y | 55.6 | 13.0 | 55.7 | 50.7 | 80.5 | 55.9 | 58.8 | 37.3 | 33.4 | 63.8 | 42.7 | 62.2 | 58.1 | 63.0 | 69.4 | 43.8 | 52.5 | 62.7 | 8 |
| DEFG | Hornbeck HBK RY4721 RR2Y | 55.0 | 13.0 | 35.4 | 30.6 | 75.0 | 73.4 | 65.1 | 36.7 | 46.5 | 62.4 | 47.9 | 42.5 | 44.3 | 62.3 | 75.3 | 65.7 | 47.6 | 68.7 | 8 |
| EFG | Schillinger 4712R2 | 53.7 | 12.8 | 43.7 | 34.4 | 77.6 | 58.9 | 65.2 | 43.5 | 42.9 | 69.6 | 37.7 | 53.8 | 37.8 | 55.2 | 71.9 | 59.3 | 41.9 | 65.4 | 5 |
| FG | USG 74H92R RR2Y | 51.9 | 13.2 | 33.3 | 35.1 | 65.2 | 62.4 | 62.7 | 27.8 | 45.6 | 63.6 | 39.8 | 50.9 | 33.2 | 54.7 | 71.9 | 74.0 | 46.5 | 63.9 | 1 |
| G | Dyna-Gro S47RY13 RR2Y | 50.8 | 13.1 | 40.4 | 34.3 | 73.7 | 58.1 | 64.5 | 28.9 | 42.3 | 68.2 | 35.3 | 52.5 | 20.4 | 53.3 | 77.4 | 65.7 | 38.7 | 59.2 | 4 |
| | Average (bu/a) | 57.6 | 13.0 | 45.7 | 46.7 | 72.3 | 71.7 | 64.3 | 37.1 | 45.8 | 67.5 | 43.6 | 61.0 | 49.7 | 59.1 | 74.3 | 68.0 | 50.1 | 64.9 | |

2014 STANDARD GROUP IV LATE SEASON (4.6 - 4.9 MATURITY)

RR SOYBEAN VARIETY TEST

(28 Varieties X 17 Locations)



Legend

75.8 Location yield

75.8 Top yield

75.8 Yield above avg

| MS | Brand/Variety | AvgYld | Moist | Call | Croc | Deca | Dyer | Faye | Fran | Gibs | Hen1 | Hen2 | Lake | Madi | Mari | Mccr | Mont | Obio | Wayn | Weak | |
|--------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----|
| | | bu/a | % | plant6/26 | 5/6 | 5/21 | 5/20 | 5/15 | 6/26 | 5/7 | 6/2 | 6/19 | 6/16 | 4/23 | 5/6 | 5/20 | 5/15 | 5/15 | 7/3 | 5/27 | |
| A | *Morsoy Xtra R2 48X02 RR2Y | 65.8 | 13.2 | 45.2 | 85.4 | 72.2 | 81.7 | 41.6 | 50.3 | 85.6 | 45.7 | 67.0 | 64.0 | 84.5 | 74.7 | 67.6 | 44.2 | 77.5 | 59.7 | 72.3 | 15 |
| AB | *Armor 47-R13 RR2Y/STS | 65.4 | 13.4 | 49.9 | 74.7 | 65.2 | 78.2 | 47.6 | 49.5 | 81.5 | 44.7 | 67.0 | 70.3 | 89.9 | 73.9 | 71.5 | 41.7 | 80.4 | 66.2 | 59.6 | 14 |
| AB | *Dyna-Gro S48RS53 (RR2Y/STS) | 65.3 | 13.2 | 46.6 | 77.3 | 51.3 | 81.0 | 46.7 | 55.1 | 86.2 | 43.9 | 62.1 | 68.0 | 88.9 | 74.8 | 70.0 | 54.2 | 80.5 | 63.4 | 60.4 | 14 |
| ABC | Steyer 4702R2 RR2Y | 64.6 | 13.1 | 44.4 | 85.6 | 51.3 | 79.8 | 40.0 | 43.6 | 86.8 | 49.6 | 63.7 | 61.5 | 92.9 | 72.4 | 64.3 | 51.9 | 80.1 | 57.7 | 73.5 | 10 |
| ABC | Warren Seed DS 4850 R2Y/STS | 64.5 | 13.3 | 48.3 | 68.9 | 62.4 | 84.2 | 47.9 | 55.8 | 81.6 | 46.5 | 55.9 | 57.2 | 99.3 | 78.6 | 72.7 | 35.2 | 80.6 | 65.0 | 56.9 | 12 |
| ABCD | *Asgrow AG4632 GENRR2Y/SR | 64.2 | 13.1 | 42.1 | 76.9 | 60.2 | 80.8 | 42.0 | 49.1 | 86.0 | 55.3 | 60.3 | 67.5 | 79.4 | 83.9 | 56.2 | 39.8 | 79.7 | 64.1 | 67.7 | 12 |
| ABCD | *Croplan R2C 4752S GENRR2Y/STS | 64.1 | 13.6 | 46.1 | 67.0 | 68.8 | 81.3 | 46.2 | 52.0 | 80.8 | 50.8 | 60.3 | 70.8 | 82.5 | 76.3 | 67.5 | 39.8 | 76.6 | 66.0 | 57.5 | 11 |
| ABCD | Mycogen 5N479 RR2Y/STS | 64.1 | 13.1 | 49.2 | 76.3 | 52.0 | 80.3 | 44.0 | 52.6 | 85.8 | 42.1 | 64.9 | 62.3 | 101.5 | 74.1 | 69.0 | 44.1 | 76.1 | 56.7 | 58.6 | 12 |
| ABCD | *Warren Seed DS 4633 R2Y | 64.0 | 13.2 | 47.6 | 71.0 | 58.2 | 78.9 | 41.0 | 47.3 | 85.0 | 46.1 | 56.8 | 65.7 | 86.9 | 80.1 | 66.5 | 41.2 | 80.6 | 63.1 | 71.5 | 13 |
| ABCDE | LG Seeds C4780R2 RR2/STS | 63.8 | 13.5 | 48.8 | 73.6 | 59.1 | 82.0 | 47.3 | 46.0 | 80.7 | 47.0 | 63.9 | 66.5 | 85.4 | 73.5 | 70.1 | 37.3 | 80.1 | 63.3 | 60.0 | 13 |
| ABCDEF | *Progeny P4850 RY/STS | 63.4 | 13.1 | 42.8 | 82.2 | 64.9 | 81.4 | 48.7 | 50.7 | 83.0 | 42.3 | 61.1 | 63.9 | 80.5 | 77.0 | 70.9 | 35.5 | 80.6 | 56.4 | 56.8 | 10 |
| BCDEFG | Terral REV-49R94 | 62.2 | 12.8 | 43.4 | 73.0 | 58.9 | 79.4 | 42.4 | 46.9 | 83.0 | 50.3 | 65.3 | 59.3 | 87.1 | 76.1 | 58.5 | 39.6 | 80.0 | 43.7 | 71.1 | 12 |
| BCDEFG | Asgrow AG4934 GENRR2Y/SR | 62.0 | 13.1 | 46.2 | 72.7 | 61.7 | 71.5 | 41.8 | 42.6 | 78.0 | 42.2 | 66.0 | 56.5 | 88.4 | 73.2 | 68.5 | 39.8 | 75.0 | 68.1 | 62.0 | 11 |
| CDEFG | Progeny P4613 RY/STS | 61.7 | 13.3 | 44.2 | 82.7 | 59.1 | 76.7 | 41.7 | 44.9 | 80.3 | 35.3 | 70.8 | 63.8 | 82.9 | 76.3 | 67.8 | 40.8 | 59.3 | 54.5 | 68.0 | 9 |
| CDEFGH | Dyna-Gro S47RY13 RR2Y | 61.4 | 13.1 | 40.7 | 69.1 | 58.2 | 75.5 | 39.3 | 46.1 | 81.8 | 46.3 | 47.8 | 53.4 | 90.3 | 70.4 | 66.5 | 42.5 | 79.8 | 66.2 | 69.3 | 8 |
| CDEFGH | Morsoy Xtra R2 47X12 RR2Y/STS | 61.3 | 13.3 | 39.7 | 68.9 | 55.4 | 75.7 | 43.0 | 50.0 | 83.5 | 58.3 | 61.5 | 61.1 | 93.0 | 68.7 | 67.1 | 41.7 | 74.9 | 43.1 | 57.0 | 7 |
| CDEFGH | Armor 48-R66 RR2Y/STS | 61.3 | 13.3 | 49.0 | 62.2 | 59.9 | 70.8 | 39.4 | 48.2 | 83.6 | 45.2 | 61.5 | 61.5 | 84.8 | 66.4 | 68.0 | 56.2 | 71.3 | 58.0 | 56.3 | 8 |
| DEFGHI | Beck's 485R2 | 60.8 | 13.2 | 45.8 | 73.7 | 60.9 | 75.0 | 35.9 | 43.2 | 78.6 | 48.1 | 63.4 | 62.8 | 86.9 | 68.2 | 66.7 | 42.7 | 66.1 | 53.7 | 61.4 | 8 |
| DEFGHI | Beck's 477NR | 60.8 | 13.1 | 47.1 | 82.8 | 62.7 | 71.3 | 40.9 | 46.8 | 79.9 | 39.0 | 63.5 | 53.2 | 87.3 | 71.2 | 64.5 | 40.4 | 75.1 | 43.1 | 64.3 | 7 |
| EFGHI | Croplan R2C 4873S GENRR2Y/STS | 60.3 | 13.2 | 50.4 | 58.0 | 58.5 | 73.4 | 37.3 | 42.7 | 81.1 | 47.0 | 59.9 | 61.0 | 86.5 | 70.7 | 59.8 | 51.1 | 69.0 | 58.4 | 60.8 | 6 |
| FGHI | Hornbeck HBK RY4721 RR2Y | 59.9 | 13.2 | 43.5 | 81.6 | 48.5 | 74.5 | 43.2 | 45.6 | 77.2 | 28.5 | 63.9 | 61.5 | 82.2 | 78.0 | 62.8 | 40.8 | 72.6 | 60.0 | 53.9 | 5 |
| GHI | Steyer 4802R2 RR2Y/STS | 59.8 | 13.5 | 49.9 | 65.4 | 49.3 | 73.2 | 39.4 | 47.1 | 85.7 | 49.1 | 61.2 | 61.6 | 84.8 | 73.8 | 61.3 | 37.0 | 69.1 | 50.5 | 58.8 | 5 |
| GHI | Croplan R2C 4801S GENRR2Y/STS | 59.7 | 13.3 | 42.2 | 74.5 | 46.3 | 78.3 | 42.6 | 42.8 | 76.3 | 45.2 | 59.1 | 65.6 | 74.7 | 75.3 | 53.8 | 60.6 | 64.3 | 57.1 | 55.5 | 7 |
| GHI | Mycogen 5N478 RR2Y/STS | 59.5 | 13.4 | 46.1 | 79.3 | 58.0 | 75.7 | 35.3 | 43.7 | 78.9 | 46.5 | 62.4 | 63.6 | 74.1 | 72.0 | 52.8 | 39.6 | 70.6 | 55.3 | 57.8 | 5 |
| GHI | Terral REV-49A14 RR2Y/STS | 59.5 | 13.2 | 44.9 | 71.3 | 55.8 | 73.7 | 35.3 | 43.3 | 85.0 | 39.2 | 57.6 | 64.3 | 85.1 | 66.0 | 65.0 | 39.0 | 64.9 | 60.2 | 60.4 | 4 |
| GHI | USG 74A79RS RR2Y/STS | 58.9 | 13.1 | 42.5 | 64.5 | 69.5 | 72.7 | 37.7 | 45.5 | 72.2 | 25.2 | 59.8 | 60.5 | 74.6 | 68.4 | 66.6 | 53.5 | 72.7 | 53.6 | 62.2 | 4 |
| HI | USG 74B83RS RR2Y/STS | 58.1 | 13.2 | 48.3 | 61.5 | 45.1 | 68.2 | 35.6 | 39.6 | 82.6 | 44.9 | 59.3 | 66.7 | 79.5 | 70.0 | 63.7 | 38.0 | 71.5 | 58.0 | 55.2 | 5 |
| I | Hornbeck HBK RY4620 RR2Y/STS | 57.6 | 13.1 | 38.2 | 55.9 | 57.4 | 69.0 | 37.5 | 42.4 | 75.3 | 41.5 | 74.2 | 61.3 | 68.1 | 58.1 | 63.9 | 52.2 | 72.3 | 49.8 | 61.5 | 2 |
| | Average (bu/a) | 61.9 | 13.2 | 45.5 | 72.7 | 58.2 | 76.6 | 41.5 | 46.9 | 81.6 | 44.5 | 62.1 | 62.7 | 85.1 | 72.9 | 65.1 | 43.6 | 74.3 | 57.7 | 61.8 | |

Table 23. Mean yields † and agronomic characteristics of 77 Late Maturity Group IV (4.6 - 4.9) Roundup Ready soybean varieties evaluated in six environments in Tennessee in 2014.

| Brand | Variety ‡ | Avg. Yield | Moisture § (n=6) | Lodging (n=5) | Height (n=5) | Frogeye (n=1) |
|------------------|--------------------------|---------------------|---------------------|------------------|-----------------|------------------|
| | | ± Std Err. (n=6) | | | | |
| | | bu/a | % | Score | in. | Score |
| Armor | 47-R13 (RR2/STS) | 63 ± 1 | 15.1 | 1.5 | 38 | 2.7 |
| Morsoy Xtra | 47X12 (RR2/STS) | 63 ± 1 | 14.4 | 1.5 | 38 | 2.3 |
| Asgrow | AG4933 (RR2) | 63 ± 1 | 13.7 | 1.2 | 36 | 3.3 |
| Croplan | R2C 4752 S (RR/STS) | 63 ± 1 | 14.6 | 1.7 | 39 | 3 |
| Dyna-Gro | S48RS53 (RR2/STS) | 62 ± 1 | 14.1 | 1.7 | 38 | 3 |
| Mycogen | 5N479R2 | 62 ± 1 | 14.3 | 1.5 | 37 | 2 |
| LG Seeds | C4780R2 | 61 ± 1 | 14.3 | 1.7 | 37 | 2.3 |
| Terral-REV Brand | 47R34 (RR) | 61 ± 1 | 14.0 | 2.0 | 38 | 1.3 |
| Progeny | 4850 RYS | 61 ± 1 | 14.0 | 1.4 | 38 | 2.3 |
| Warren Seed | DS 4850 R2Y/STS | 61 ± 1 | 14.5 | 1.6 | 38 | 2.7 |
| Delta Grow | 4985 RR | 60 ± 1 | 14.9 | 1.3 | 38 | 3 |
| Dyna-Gro | S49RY25 (RR2) | 60 ± 1 | 14.3 | 1.2 | 37 | 2 |
| Asgrow | AG4832 (RR2/STS) | 60 ± 1 | 14.7 | 1.4 | 38 | 3 |
| Progeny | 4788 RY | 60 ± 1 | 13.8 | 1.5 | 36 | 2 |
| Warren Seed | DS 4633 R2Y/STS | 59 ± 1 | 13.9 | 1.7 | 35 | 1.7 |
| Mycogen | 5N478R2 (STS) | 59 ± 1 | 14.7 | 1.7 | 39 | 1.3 |
| Mycogen | X54490NR2 | 59 ± 1 | 14.3 | 1.4 | 39 | 3 |
| Armor | 46-R65 (RR2) | 59 ± 1 | 14.4 | 1.7 | 35 | 4.3 |
| Delta Grow | 4765 RR2/STS | 58 ± 1 | 14.5 | 1.7 | 38 | 2.7 |
| Terral-REV Brand | 49R94 (RR) | 58 ± 1 | 13.4 | 1.7 | 36 | 1 |
| Hornbeck | RY4721 (RR2/STS) | 58 ± 1 | 14.2 | 1.9 | 39 | 1 |
| LG Seeds | C4696R2 (STS) | 58 ± 1 | 13.9 | 1.8 | 37 | 4 |
| Morsoy Xtra | 49X54 (RR2) | 58 ± 1 | 16.2 | 1.3 | 37 | 2.7 |
| USG | 74B83R (RR2/STS) | 58 ± 1 | 13.9 | 1.7 | 34 | 4.3 |
| Terral-REV Brand | 48R44 (RR) | 57 ± 1 | 13.4 | 1.5 | 36 | 1.7 |
| Beck's XL Brand | 485R2 (RR/STS) | 57 ± 1 | 13.8 | 2.5 | 35 | 5.3 |
| Morsoy Xtra | 48X02 (RR2) | 57 ± 1 | 14.6 | 1.3 | 36 | 4 |
| Caverndale Farms | 486 RR2/STS _n | 57 ± 1 | 13.5 | 2.3 | 34 | 4.7 |
| Delta Grow | 4670 RR2 | 57 ± 1 | 14.2 | 1.6 | 35 | 2.3 |
| TN Exp | 12-4716R2 | 57 ± 1 | 14.2 | 1.2 | 29 | 2 |
| Dyna-Gro | S47RY13 (RR2) | 57 ± 1 | 13.9 | 1.7 | 35 | 3.7 |
| Delta Grow | 4685 RR2 | 56 ± 1 | 14.1 | 1.7 | 33 | 4.7 |
| Terral-REV Brand | 49A14 (RR2/STS) | 56 ± 1 | 13.7 | 2.1 | 36 | 4.7 |
| Steyer | 4703R2 | 56 ± 1 | 14.1 | 1.6 | 38 | 6 |
| Morsoy Xtra | 46X04 (RR2) | 56 ± 1 | 14.0 | 1.7 | 33 | 4.7 |
| Terral-REV Brand | 46R64 (RR) | 56 ± 1 | 14.2 | 1.7 | 36 | 4 |

2013 STANDARD MG V EARLY SEASON (5.0 – 5.5 MATURITY)

RR SOYBEAN VARIETY TEST

(15 Varieties X 10 Locations)

Legend

| | |
|------|-----------------|
| 75.8 | Location yield |
| 75.8 | Top yield |
| 75.8 | Yield above avg |



| MS | Brand/Variety | AvgYld | Moist | <i>Carlisle</i> | Coffee | Crock | Dyer | Faye | Frank | Lake | Madis | Shel 1 | Shel 2 | |
|-------|--------------------------|-------------|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
| | | bu/a | % | plant 7/5 | 5/2 | 6/27 | 5/28 | 6/27 | 6/26 | 6/26 | 5/30 | 5/15 | 6/21 | |
| A | **Asgrow AG5332 GENRR2Y | 62.4 | 12.8 | 52.9 | 79.1 | 53.3 | 69.8 | 60.4 | 77.6 | 64.7 | 77.2 | 36.2 | 53.3 | 7 |
| A | Asgrow AG5233 GENRR2Y | 62.0 | 13.2 | 50.7 | 74.1 | 60.7 | 69.3 | 55.3 | 73.6 | 60.7 | 72.4 | 41.5 | 61.9 | 9 |
| AB | Dyna-Gro S32RY55 RR2Y | 60.8 | 13.5 | 49.7 | 62.5 | 62.4 | 65.8 | 58.2 | 77.6 | 59.5 | 73.8 | 41.2 | 57.1 | 9 |
| ABC | Armor 55-R22 RR2 | 60.3 | 13.5 | 51.0 | 67.8 | 60.0 | 61.6 | 56.0 | 76.8 | 60.5 | 72.0 | 38.1 | 59.0 | 9 |
| ABCD | Warren Seed DS 5122 R2Y | 59.8 | 13.4 | 52.1 | 83.8 | 56.6 | 63.1 | 53.1 | 75.5 | 62.1 | 65.2 | 26.7 | 59.7 | 5 |
| ABCDE | Hornbeck HBK RY5221 RR2Y | 59.6 | 13.5 | 56.9 | 72.7 | 57.3 | 61.4 | 56.7 | 74.3 | 58.3 | 63.3 | 37.9 | 57.4 | 5 |
| ABCDE | Croplan R2C5371 GENRR2Y | 58.9 | 13.1 | 50.6 | 53.1 | 56.5 | 61.1 | 55.1 | 74.1 | 57.1 | 78.9 | 42.2 | 60.3 | 5 |
| ABCDE | *Croplan R2C5081 GENRR2Y | 58.9 | 13.3 | 46.5 | 60.2 | 55.7 | 67.4 | 55.3 | 76.3 | 61.5 | 71.3 | 45.3 | 49.4 | 6 |
| ABCDE | Progeny P5210 RY | 58.6 | 13.3 | 49.0 | 56.3 | 59.9 | 66.9 | 54.3 | 75.7 | 59.4 | 72.5 | 34.1 | 57.8 | 5 |
| BCDE | Terral REV-53R23 | 57.4 | 12.9 | 46.8 | 63.5 | 61.2 | 58.7 | 55.6 | 71.4 | 59.7 | 71.9 | 35.3 | 50.0 | 4 |
| BCDE | Terral REV-55R83 | 57.3 | 13.0 | 49.9 | 58.3 | 47.7 | 61.3 | 57.5 | 74.4 | 55.4 | 74.0 | 40.9 | 53.4 | 4 |
| BCDE | Dyna-Gro S54RY43 RR2Y | 57.1 | 13.0 | 42.2 | 65.4 | 62.7 | 64.5 | 51.7 | 76.3 | 58.3 | 66.5 | 29.0 | 54.7 | 4 |
| CDE | USG 75Q42R RR2Y | 56.5 | 13.2 | 44.7 | 64.6 | 53.0 | 64.6 | 52.8 | 76.1 | 56.5 | 64.4 | 32.0 | 56.2 | 4 |
| DE | Schillinger 5220.RC | 56.2 | 13.3 | 51.9 | 47.9 | 61.4 | 60.4 | 54.1 | 75.9 | 57.9 | 67.8 | 40.0 | 44.9 | 4 |
| E | Hornbeck HBK RY5421 RR2Y | 55.8 | 12.9 | 46.0 | 59.4 | 57.3 | 64.2 | 48.1 | 71.2 | 61.5 | 70.1 | 31.5 | 48.3 | 2 |
| | Average (bu/a) | 58.8 | 13.2 | 49.4 | 64.6 | 57.7 | 64.0 | 54.9 | 75.1 | 59.5 | 70.8 | 36.8 | 54.9 | |

2014 STANDARD MG V EARLY SEASON (5.0 – 5.5 MATURITY)

RR SOYBEAN VARIETY TEST

(15 Varieties X 7 Locations)



Legend

75.8 Location yield

75.8 Top yield

75.8 Yield above avg

| MS | Brand/Variety | AvgYld | Moist | <i>Carlisle</i> | Crockett | Dyer | Franklin | Gibson | Lake | Madison | |
|-----|---------------------------|-------------|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
| | | bu/a | % | plant 6/30 | 7/3 | 5/20 | 6/23 | 5/7 | 6/22 | 5/6 | |
| A | Armor 50-R44 RR2 | 67.1 | 12.0 | 47.7 | 58.8 | 71.2 | 86.1 | 77.1 | 52.4 | 76.2 | 7 |
| AB | USG 75J23R RR2Y | 65.0 | 12.1 | 44.9 | 61.0 | 72.9 | 70.3 | 78.4 | 52.3 | 75.0 | 6 |
| AB | ***Asgrow AG5332 GENRR2Y | 64.5 | 11.9 | 52.1 | 63.6 | 63.7 | 64.2 | 70.3 | 52.4 | 85.3 | 4 |
| AB | LG Seeds C5122R2 | 63.3 | 12.0 | 46.6 | 61.1 | 74.6 | 68.3 | 77.0 | 51.2 | 64.6 | 6 |
| AB | Progeny P5555 RY | 63.1 | 12.3 | 48.5 | 60.9 | 70.8 | 61.4 | 80.1 | 53.2 | 66.9 | 5 |
| AB | *Hornbeck HBK RY5221 RR2Y | 62.7 | 12.2 | 44.0 | 56.7 | 72.6 | 70.5 | 81.3 | 47.4 | 66.4 | 3 |
| AB | Croplan R2C5103 GENRR2Y | 62.6 | 11.9 | 46.4 | 59.2 | 69.6 | 71.9 | 72.9 | 49.5 | 68.6 | 5 |
| B | Asgrow AG5233 GENRR2Y/SR | 62.4 | 12.2 | 45.1 | 57.6 | 71.7 | 67.0 | 69.7 | 50.6 | 74.9 | 5 |
| BC | Dyna-Gro S32RY55 RR2Y | 62.2 | 13.2 | 44.1 | 64.6 | 62.5 | 61.2 | 76.6 | 47.0 | 79.1 | 3 |
| BC | Hornbeck HBK RY5421 RR2Y | 61.3 | 12.1 | 46.0 | 60.1 | 66.3 | 59.7 | 76.9 | 51.2 | 69.2 | 4 |
| BC | Armor 53-R16 RR2 | 61.2 | 12.1 | 44.0 | 57.4 | 71.3 | 59.9 | 72.4 | 53.1 | 70.0 | 2 |
| BCD | Beck's 511R4 | 60.8 | 12.1 | 41.2 | 56.9 | 75.3 | 61.6 | 72.5 | 47.9 | 70.0 | 1 |
| CD | Croplan R2C5081 GENRR2Y | 57.6 | 12.0 | 47.2 | 54.3 | 68.4 | 53.7 | 64.1 | 42.7 | 72.7 | 2 |
| D | Terral REV-54R84 | 56.2 | 11.8 | 38.2 | 56.7 | 65.0 | 60.8 | 64.3 | 44.9 | 63.5 | 0 |
| D | Dyna-Gro S54RY43 RR2Y | 56.2 | 12.1 | 39.6 | 47.1 | 66.8 | 61.1 | 70.4 | 46.4 | 61.8 | 0 |
| | Average (bu/a) | 61.7 | 12.1 | 45.0 | 58.4 | 69.5 | 65.2 | 73.6 | 49.5 | 70.9 | |

Table 33. Mean yields † and agronomic characteristics of 47 Early Maturity Group V (5.0 - 5.5) Roundup Ready soybean varieties evaluated in six environments in Tennessee during 2014.

| Brand | Variety ‡ | Avg. Yield | Moisture § (n=6) | Lodging (n=5) | Height (n=5) | Frogeye (n=1) |
|------------------|------------------|---------------------|---------------------|------------------|-----------------|------------------|
| | | ± Std Err. (n=6) | | | | |
| | | bu/a | % | Score | in. | Score |
| TN Exp | 13-5537RR1 | 62 ± 2 | 14.0 | 1.4 | 36 | 1 |
| TN Exp | 13-5538RR1 | 60 ± 2 | 13.6 | 1.3 | 35 | 1 |
| USG | 75J23R (RR2) | 60 ± 2 | 13.8 | 1.5 | 38 | 4.7 |
| Armor | 50-R44 (RR2) | 59 ± 2 | 13.5 | 1.5 | 41 | 3 |
| Mycogen | 5N550R2 | 58 ± 2 | 13.6 | 2.0 | 40 | 1.3 |
| LG Seeds | C5122R2 | 58 ± 2 | 14.1 | 1.4 | 40 | 3.7 |
| Progeny | 5213 RY | 58 ± 2 | 13.6 | 1.5 | 41 | 3 |
| Croplan | R2C5103 (RR) | 58 ± 2 | 13.8 | 1.6 | 40 | 3.7 |
| Armor | AX4500 (RR2) | 57 ± 2 | 13.7 | 1.2 | 40 | 2 |
| NK | S51-C5 | 57 ± 2 | 13.8 | 1.5 | 34 | 1.3 |
| Asgrow | AG5233 (RR2/STS) | 57 ± 2 | 13.4 | 1.5 | 35 | 5.7 |
| Progeny | 5333 RY | 56 ± 2 | 13.8 | 2.1 | 36 | 2 |
| Steyer | 5101R2 | 56 ± 2 | 13.7 | 1.5 | 39 | 5.3 |
| Asgrow | AG5534 (RR2) | 56 ± 2 | 13.7 | 1.6 | 36 | 2.3 |
| Hornbeck | RY5421 (RR2) | 56 ± 2 | 14.5 | 2.4 | 34 | 1 |
| Mycogen | X54522NR2 | 56 ± 2 | 13.5 | 2.3 | 37 | 1.3 |
| TN Exp | 12-5521R2 | 56 ± 2 | 14.0 | 1.3 | 34 | 3.3 |
| Asgrow | AG5535 (RR2) | 56 ± 2 | 13.3 | 1.6 | 38 | 1 |
| Asgrow | AG5533 (RR2/STS) | 55 ± 2 | 13.7 | 2.2 | 41 | 1.3 |
| Dyna-Gro | 32RY55 (RR2) | 55 ± 2 | 14.0 | 1.9 | 38 | 2 |
| Asgrow | AG5335 (RR2/STS) | 55 ± 2 | 13.9 | 1.1 | 38 | 4.7 |
| NK | S52-Y2 (RR2) | 55 ± 2 | 13.8 | 1.4 | 36 | 4 |
| TN Exp | 13-5744RR1 | 55 ± 2 | 13.4 | 1.4 | 38 | 1.3 |
| Dyna-Gro | S51RY45 (RR2) | 55 ± 2 | 13.6 | 1.7 | 40 | 4.7 |
| Terral-REV Brand | 55R53 (RR) | 54 ± 2 | 13.1 | 1.9 | 35 | 3 |
| AR | R10-130 RY | 54 ± 2 | 13.8 | 1.9 | 36 | 2 |
| Morsoy Xtra | 54X41 (RR2) | 54 ± 2 | 14.3 | 1.6 | 37 | 2 |
| Dyna-Gro | S52RY75 (RR2) | 54 ± 2 | 13.4 | 2.4 | 37 | 1.3 |
| Progeny | 5555 RY | 53 ± 2 | 14.0 | 1.6 | 39 | 1.7 |
| Armor | AX4520 | 53 ± 2 | 13.3 | 2.0 | 37 | 2 |
| Asgrow | AG5332 (RR2/STS) | 53 ± 2 | 13.3 | 1.9 | 37 | 2.3 |
| USG | 75Q42R (RR2) | 53 ± 2 | 13.7 | 1.9 | 37 | 3 |

2013 STANDARD MG IV LATE SEASON (4.6 - 5.0 MATURITY)
LIBERTY LINK SOYBEAN VARIETY TEST
(15 Varieties X 8 Locations)



Legend

- 75.8 Location yield
- 75.8 Top yield
- 75.8 Yield above avg

| MS | Brand/Variety/Maturity | AvgYld | Moist | Dyer | Fayette | Franklin | Fulton1 | Fulton2 | Gibson | Obion | Shelby | |
|-----|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
| | | bu/a | % | plant 6/18 | 6/12 | 6/26 | 6/28 | 5/15 | 5/15 | 6/22 | 5/19 | |
| A | US Seeds Halo 5:01 | 61.1 | 12.9 | 53.9 | 49.5 | 64.4 | 68.0 | 77.0 | 67.0 | 71.1 | 37.6 | 7 |
| AB | Hornbeck LL4950 | 59.3 | 13.2 | 49.7 | 50.2 | 65.9 | 67.8 | 67.4 | 60.6 | 74.4 | 38.4 | 6 |
| BC | USG 74G99LL | 57.4 | 13.1 | 50.1 | 42.4 | 61.3 | 62.3 | 67.0 | 63.4 | 71.4 | 41.0 | 6 |
| BCD | Stratton Seed Go-Soy 4910LL | 57.0 | 13.0 | 46.1 | 45.7 | 63.2 | 64.3 | 63.5 | 61.4 | 69.4 | 42.4 | 6 |
| BCD | Warren Seed Micah 4900LL | 56.7 | 13.1 | 47.0 | 43.7 | 63.0 | 61.6 | 65.1 | 60.4 | 71.1 | 41.3 | 5 |
| BCD | US Seeds Halo 4:94 | 56.6 | 13.1 | 44.7 | 41.9 | 60.1 | 64.6 | 69.6 | 62.4 | 72.1 | 37.5 | 5 |
| CD | Stratton Seed Go-Soy 4912LL | 56.1 | 13.2 | 47.6 | 45.9 | 65.6 | 61.8 | 66.3 | 54.1 | 69.0 | 38.2 | 5 |
| CD | Warren Seed Micah 4800LL | 56.0 | 12.9 | 42.7 | 45.8 | 62.3 | 59.2 | 66.6 | 61.4 | 70.6 | 39.1 | 5 |
| CD | Progeny 4819LL | 55.4 | 13.0 | 35.7 | 38.3 | 62.2 | 71.4 | 65.3 | 63.6 | 69.5 | 37.0 | 4 |
| CD | Progeny 4928LL | 55.4 | 12.9 | 40.2 | 42.1 | 64.1 | 63.4 | 63.6 | 62.3 | 69.1 | 38.2 | 4 |
| CDE | USG 74G82LL | 54.5 | 13.0 | 39.9 | 36.0 | 58.2 | 68.0 | 60.6 | 68.8 | 68.2 | 36.7 | 2 |
| DE | Hornbeck LL4850 | 54.0 | 13.1 | 36.3 | 36.0 | 59.2 | 65.5 | 63.6 | 64.6 | 66.7 | 40.4 | 3 |
| DE | US Seeds Halo 4:97 | 53.9 | 13.1 | 40.8 | 39.7 | 60.4 | 61.0 | 62.5 | 62.9 | 63.9 | 40.0 | 2 |
| E | Warren Seed Micah 4600LL | 52.2 | 13.3 | 41.4 | 37.1 | 57.3 | 63.0 | 62.4 | 61.4 | 60.8 | 34.7 | 0 |
| E | Stratton Seed Go-Soy 4512LL | 52.2 | 13.6 | 38.5 | 37.6 | 57.5 | 62.0 | 61.0 | 60.4 | 65.2 | 35.3 | 0 |
| | Average (bu/a) | 55.8 | 13.1 | 43.6 | 42.1 | 61.6 | 64.2 | 65.4 | 62.3 | 68.8 | 38.5 | |

2014 STANDARD MG IV LATE SEASON (4.6 - 5.0 MATURITY)

LIBERTY LINK SOYBEAN VARIETY TEST

(18 Varieties X 6 Locations)

Legend

75.8 Location yield

75.8 Top yield

75.8 Yield above avg



| MS | Brand/Variety/Maturity | AvgYld | Moist | Franklin | Fulton | Gibson | Madison | Obion | Tipton | |
|------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
| | | bu/a | % | plant 6/23 | 6/22 | 5/7 | 5/27 | 5/15 | 5/22 | |
| A | Progeny P4930LL | 54.8 | 13.7 | 41.9 | 50.7 | 54.5 | 81.7 | 70.3 | 29.7 | 5 |
| AB | Beck's 483NL | 52.8 | 13.2 | 45.6 | 50.5 | 47.1 | 73.8 | 65.6 | 34.1 | 5 |
| AB | Dyna-Gro S49LL34 | 52.4 | 13.5 | 39.5 | 50.1 | 48.6 | 80.9 | 64.1 | 31.3 | 5 |
| AB | Hornbeck LL4953 | 52.4 | 13.8 | 37.3 | 50.6 | 54.4 | 77.5 | 64.5 | 29.9 | 4 |
| AB | Warren Seed Micah 4400LL | 52.4 | 13.3 | 45.0 | 49.6 | 65.6 | 58.6 | 62.2 | 33.1 | 5 |
| AB | Warren Seed Micah 4800LL | 52.0 | 13.6 | 33.9 | 54.7 | 54.7 | 78.6 | 63.0 | 27.5 | 4 |
| AB | Hornbeck LL4653 | 51.9 | 13.5 | 43.5 | 51.2 | 69.2 | 58.9 | 56.2 | 32.5 | 4 |
| AB | *Hornbeck LL4950 | 51.6 | 13.5 | 41.0 | 48.3 | 50.7 | 75.0 | 62.5 | 32.2 | 5 |
| ABC | Hornbeck LL4850 | 51.4 | 13.2 | 41.8 | 45.3 | 55.8 | 72.4 | 63.3 | 29.8 | 4 |
| ABCD | Progeny P4819LL | 49.9 | 13.2 | 36.4 | 46.6 | 53.7 | 68.6 | 65.6 | 28.6 | 3 |
| ABCD | Armor 5:01 LL | 49.6 | 13.7 | 33.5 | 50.1 | 47.7 | 78.6 | 56.2 | 31.4 | 3 |
| ABCD | Dyna-Gro S46LL05 | 49.1 | 13.7 | 47.2 | 48.3 | 63.3 | 46.6 | 59.5 | 29.7 | 3 |
| ABCD | Warren Seed Micah 4900LL | 48.5 | 14.3 | 32.5 | 44.6 | 46.3 | 78.8 | 60.6 | 28.4 | 1 |
| ABCD | Beck's 459L4 | 46.7 | 13.4 | 28.2 | 43.8 | 66.4 | 55.1 | 56.6 | 30.2 | 2 |
| BCD | USG 74G74LS | 46.0 | 13.7 | 33.5 | 49.4 | 36.2 | 68.5 | 61.6 | 27.0 | 3 |
| BCD | Warren Seed Micah 4600LL | 45.1 | 13.5 | 38.2 | 42.5 | 57.2 | 42.2 | 60.3 | 30.2 | 3 |
| CD | Hornbeck LL4650 | 42.8 | 13.5 | 44.3 | 38.0 | 53.1 | 33.7 | 58.9 | 28.9 | 1 |
| D | Armor 4:97 LL | 41.7 | 13.5 | 23.2 | 43.0 | 34.9 | 62.6 | 58.7 | 28.1 | 0 |
| | Average (bu/a) | 49.5 | 13.5 | 38.1 | 47.6 | 53.3 | 66.2 | 61.6 | 30.1 | |

Table 50. Mean yields † and agronomic characteristics of 34 Maturity Group IV Liberty Link soybean varieties evaluated in five environments in Tennessee during 2014.

| Brand | Variety ‡ | Avg. Yield | | | | |
|------------------|------------------|-----------------------------|--------------------------|---------------------------|------------------------|---------------------------|
| | | ± Std Err. (n=5) bu/a | Moisture § (n=5) % | Lodging (n=4) Score | Height (n=4) in. | Frogeye (n=1) Score |
| Hornbeck | LL4950 | 63 ± 2 | 13.8 | 1.2 | 41 | 1 |
| Delta Grow | 4967 LL | 61 ± 2 | 13.9 | 1.4 | 38 | 1 |
| Halo | 4:76 (LL) | 61 ± 2 | 13.4 | 1.3 | 35 | 2.3 |
| Terral-REV Brand | 49L29 (LL) | 61 ± 2 | 13.6 | 1.4 | 35 | 1 |
| USG | 74G99L (LL) | 61 ± 2 | 13.6 | 1.2 | 38 | 1 |
| Dyna-Gro | S49LL34 (LL) | 60 ± 2 | 13.2 | 1.1 | 37 | 1 |
| Progeny | 4930 LL | 60 ± 2 | 13.7 | 1.0 | 35 | 1 |
| Delta Grow | 4981 LL/STS | 59 ± 2 | 14.1 | 1.3 | 47 | 1 |
| Hornbeck | LL4953 | 58 ± 2 | 13.5 | 1.1 | 38 | 1 |
| Beck's Hybrids | 423NL (LL) | 58 ± 2 | 13.3 | 1.1 | 30 | 2.3 |
| Halo | X448 (LL) | 58 ± 2 | 13.2 | 1.3 | 35 | 2.7 |
| Beck's Hybrids | 483NL (LL) | 58 ± 2 | 13.4 | 1.0 | 35 | 3.7 |
| Hornbeck | LL4653 | 58 ± 2 | 13.0 | 1.1 | 33 | 2.7 |
| GoSoy | 4914 (LL/STS) | 57 ± 2 | 13.9 | 1.5 | 37 | 1 |
| Dyna-Gro | S49LS65 (LL/STS) | 57 ± 2 | 14.1 | 1.6 | 39 | 1.3 |
| Caverndale Farms | 469 LL/STSn | 57 ± 2 | 13.6 | 1.5 | 40 | 1.7 |
| Caverndale Farms | 485 LLn | 57 ± 2 | 13.2 | 1.0 | 33 | 3.7 |
| USG | 74G82L (LL) | 57 ± 2 | 13.1 | 1.0 | 35 | 3.3 |
| Hornbeck | LL4850 | 57 ± 2 | 12.7 | 1.1 | 35 | 4.3 |
| Delta Grow | 4990 LL | 56 ± 2 | 13.6 | 1.2 | 36 | 1 |
| Progeny | 4819 LL | 56 ± 2 | 13.0 | 1.0 | 37 | 3.7 |
| Halo | 4:40 (LL) | 56 ± 2 | 13.1 | 1.2 | 32 | 4 |
| Progeny | 4928 LL | 56 ± 2 | 12.8 | 1.3 | 38 | 1 |
| Halo | X449 (LL/STS) | 56 ± 2 | 13.8 | 1.5 | 38 | 1 |
| Progeny | 4560 LL | 55 ± 2 | 13.2 | 1.3 | 33 | 3.7 |
| Dyna-Gro | S46LL05 | 55 ± 2 | 13.3 | 1.0 | 31 | 2.7 |
| Halo | 4:95 (LL) | 54 ± 2 | 13.4 | 1.0 | 35 | 4 |
| Hornbeck | LL4650 | 54 ± 2 | 12.9 | 1.3 | 34 | 4.7 |
| Progeny | 4620 LLS | 53 ± 2 | 13.6 | 1.4 | 40 | 1.3 |
| Halo | 4:97 (LL/STS) | 53 ± 2 | 13.9 | 1.3 | 39 | 1.3 |
| USG | 74G47LS (LL/STS) | 53 ± 2 | 13.5 | 1.5 | 41 | 2 |

Conventional varieties

| Newer Varieties | Positives | Concerns |
|-------------------------------------|---|--|
| Ellis (4.9 MG) UniSouth Genetics | High yield, stem canker, good frogeye and cercospora resistance | Seed supply, Susceptible to SDS and nematode susceptible |
| UA5213C (5.2 MG) | Good yield, stem canker, Race 3 SCN | SDS susceptible |
| UA 5612 (5.6 MG) | High yield, stem canker, SDS | Nematode susceptible |
| Older Varieties | | |
| Ozark (5.2 MG) | Good yield, Stem canker, frogeye | Nematode susceptible |
| Osage (5.6 MG) | Good yield, Race 5 resistance | Weaker on stem canker, sensitive to metribuzin |
| Jake (5.6 MG) | Nematode resistance, mod resistant to SDS and stem canker | Susceptible to phytophthora root rot |
| Hutcheson (5.5 MG) | Stem canker resistance | |
| Tolerant to metribuzin | Ellis, Hutcheson, Ozark, Leland, UA 5612, UA 5213C | |

Conventional Soybeans

- Cheaper seed
- Many 'public' varieties can be saved
- Variety results available at:
 - Utcrops.com
 - <http://arkansasvarietytesting.com/>
 - <http://www.uky.edu/Ag/GrainCrops/varietytesting.htm>
- Information on premiums for non-GMO beans at:
<http://soybeanpremiums.org>