



RICE

2016-2018 Average Grain Yield by Planting Date

Percent of Optimum Grain Yield by Planting Date at the Rice Research & Extension Center, Stuttgart, AR.

| Cultivar | 2016 | | | | | 2017 | | | | | | 2018 | | | | | |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|
| | 3/22 | 4/5 | 4/23 | 5/6 | 6/9 | 3/21 | 4/5 | 4/18 | 5/2 | 5/19 | 6/15 | 3/21 | 4/5 | 4/20 | 5/2 | 5/15 | 6/4 |
| CL151 | 100 | 100 | 71 | 61 | 54 | 100 | 99 | 99 | 86 | 92 | 70 | 92 | 100 | 90 | 71 | 83 | 75 |
| CL153 | 100 | 97 | 84 | 65 | 72 | 90 | 93 | 100 | 88 | 80 | 63 | 100 | 99 | 92 | 78 | 81 | 79 |
| CL172 | 100 | 91 | 78 | 56 | 74 | 93 | 89 | 100 | 89 | 86 | 56 | 95 | 100 | 91 | 76 | 81 | 78 |
| PVL01 | — | — | — | — | — | 91 | 90 | 100 | 81 | 84 | 51 | 100 | 100 | 89 | 82 | 87 | 80 |
| Diamond | 100 | 98 | 83 | 69 | 84 | 100 | 100 | 96 | 89 | 98 | 70 | 98 | 100 | 88 | 76 | 82 | 80 |
| LaKast | 98 | 100 | 85 | 81 | 79 | 100 | 98 | 94 | 87 | 91 | 69 | 92 | 100 | 94 | 76 | 81 | 85 |
| Roy J | 100 | 92 | 92 | 76 | 86 | 100 | 90 | 95 | 80 | 91 | 69 | 100 | 98 | 85 | 76 | 92 | 93 |
| RT 7311 CL | 95 | 100 | 75 | 87 | 74 | 100 | 97 | 90 | 90 | 91 | 69 | 93 | 100 | 92 | 80 | 86 | 86 |
| RT CLXL745 | 100 | 98 | 92 | 97 | 83 | 99 | 100 | 99 | 72 | 96 | 69 | 93 | 100 | 93 | 79 | 90 | 88 |
| RT Gemini 214 CL | 100 | 91 | 84 | 90 | 74 | 100 | 93 | 100 | 84 | 95 | 56 | 95 | 100 | 90 | 76 | 90 | 88 |
| RT XP753 | 94 | 100 | 77 | 90 | 73 | 100 | 98 | 93 | 87 | 93 | 73 | 91 | 100 | 88 | 78 | 85 | 87 |
| CL272 | 100 | 94 | 82 | 60 | 77 | 97 | 89 | 100 | 80 | 77 | 58 | 96 | 100 | 91 | 74 | 81 | 81 |
| Jupiter | 100 | 98 | 95 | 76 | 79 | 95 | 93 | 100 | 86 | 99 | 73 | 100 | 99 | 89 | 68 | 90 | 88 |
| Titan | 98 | 100 | 84 | 74 | 74 | 100 | 94 | 93 | 79 | 79 | 72 | 97 | 100 | 84 | 70 | 88 | 86 |
| MEAN | 99 | 97 | 83 | 76 | 76 | 98 | 95 | 97 | 84 | 89 | 66 | 96 | 100 | 90 | 76 | 85 | 84 |

Percent of Optimum Grain Yield is calculated for each cultivar within a given year by dividing all grain yields by the highest grain yield observed within the year. For instance, if the highest yield achieved for Diamond was 200 bu/acre then all other yields in that year would be divided by 200 bu/acre to create a percentage (i.e. 150 bu / 200 bu = 75%). Where no value is listed a cultivar was not present in the study.



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Grain Yield (bu/acre) by Planting Date at the Rice Research & Extension Center, Stuttgart, AR.

| Cultivar | 2016 | | | | | 2017 | | | | | | 2018 | | | | | |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | 3/22 | 4/5 | 4/23 | 5/6 | 6/9 | 3/21 | 4/5 | 4/18 | 5/2 | 5/19 | 6/15 | 3/21 | 4/5 | 4/20 | 5/2 | 5/15 | 6/4 |
| CL151 | 216 | 216 | 154 | 132 | 117 | 202 | 201 | 200 | 174 | 185 | 142 | 220 | 238 | 215 | 169 | 199 | 178 |
| CL153 | 211 | 206 | 177 | 138 | 152 | 181 | 188 | 202 | 177 | 161 | 127 | 222 | 219 | 204 | 173 | 179 | 175 |
| CL172 | 212 | 193 | 167 | 118 | 157 | 185 | 176 | 198 | 177 | 170 | 111 | 210 | 220 | 199 | 167 | 177 | 172 |
| PVL01 | — | — | — | — | — | 165 | 163 | 181 | 146 | 152 | 92 | 202 | 203 | 180 | 167 | 176 | 163 |
| Diamond | 230 | 225 | 190 | 159 | 193 | 222 | 222 | 213 | 199 | 218 | 155 | 246 | 251 | 221 | 191 | 207 | 202 |
| LaKast | 213 | 218 | 185 | 177 | 171 | 207 | 202 | 195 | 180 | 188 | 143 | 211 | 229 | 215 | 176 | 186 | 196 |
| Roy J | 195 | 179 | 179 | 148 | 168 | 216 | 195 | 206 | 173 | 197 | 150 | 223 | 219 | 190 | 169 | 204 | 207 |
| RT 7311 CL | 249 | 264 | 198 | 231 | 196 | 252 | 244 | 226 | 225 | 229 | 174 | 262 | 282 | 258 | 227 | 242 | 241 |
| RT CLXL745 | 222 | 217 | 205 | 216 | 184 | 209 | 212 | 209 | 153 | 203 | 146 | 238 | 256 | 237 | 203 | 229 | 226 |
| RT Gemini 214 CL | 258 | 235 | 216 | 232 | 191 | 237 | 221 | 237 | 200 | 225 | 132 | 260 | 273 | 246 | 208 | 247 | 240 |
| RT XP753 | 247 | 264 | 204 | 237 | 193 | 257 | 252 | 239 | 223 | 240 | 187 | 263 | 289 | 255 | 226 | 245 | 251 |
| CL272 | 215 | 203 | 177 | 129 | 167 | 213 | 195 | 219 | 175 | 169 | 128 | 222 | 231 | 210 | 172 | 186 | 188 |
| Jupiter | 219 | 214 | 208 | 166 | 172 | 209 | 205 | 220 | 190 | 218 | 161 | 252 | 248 | 224 | 172 | 226 | 223 |
| Titan | 223 | 228 | 191 | 169 | 169 | 237 | 221 | 219 | 186 | 186 | 171 | 236 | 245 | 206 | 172 | 215 | 209 |
| MEAN | 224 | 220 | 188 | 173 | 172 | 214 | 207 | 212 | 184 | 196 | 144 | 233 | 243 | 219 | 185 | 209 | 205 |

Grain yields for all cultivars are an average for each planting date corrected to 12% grain moisture. Where no value is listed a cultivar was not present in the study.