

Table 2. Effect of foliar fungicide products applied at different growth stages on yield of corn at six locations in Iowa in 2017

| Treatment, rate/A                             | Application timing | NWRF   | NERF   | SWRF   | SERF   | NRF    | AEA     |
|---|--------------------|--------|--------|--------|--------|--------|---------|
| Non-treated control                           | -                  | 224.8  | 234.9  | 216.0  | 269.0  | 257.4  | 248.48  |
| Regalia, 32 fl oz                             | V5                 | 224.9  | 233.1  | 216.2  | 281.1  | 255.8  | 255.28  |
| Delaro, 4 fl oz                               | V5                 | 215.3  | 235.2  | 203.6  | 288.1  | 268.8  | 247.93  |
| Trivapro, 10.5 fl oz + 4.1 fl oz              | V12                | 229.0  | 235.4  | 217.0  | 288.1  | 250.4  | 259.98  |
| Topguard EQ, 5 fl oz                          | V12                | 220.7  | 236.5  | 214.6  | 286.5  | 263.3  | 252.1   |
| Delaro, 8 fl oz                               | V12                | 225.3  | 238.3  | 219.4  | 287.2  | 261.9  | 253.02  |
| Regalia, 32 fl oz                             | R1                 | 218.6  | 235.6  | 210.9  | 288.1  | 254.0  | 258.15  |
| Topguard EQ, 5 fl oz                          | R1                 | 221.4  | 234.0  | 225.3  | 281.9  | 257.8  | 258.13  |
| Stratego YLD, 4 fl oz                         | R1                 | 218.6  | 235.3  | 221.1  | 287.6  | 267.0  | 262.45  |
| Approach Prima, 6.8 fl oz                     | R1                 | 224.5  | 238.3  | 210.2  | 286.3  | 257.0  | 244.95  |
| Trivapro, 10.5 fl oz + 4.1 fl oz              | R1                 | 223.2  | 238.0  | 217.1  | 293.8  | 266.2  | 255.98  |
| Helmstar, 10.8 fl oz                          | R1                 | 221.7  | 235.2  | 150.2  | 291.8  | 259.2  | 251.18  |
| Delaro, 8 fl oz                               | R1                 | 222.7  | 236.7  | 217.4  | 288.5  | 265.6  | 253.03  |
| Regalia, 32 fl oz + Regalia, 32 fl oz         | V5+R1              | 218.7  | 232.8  | 212.8  | 279.1  | 252.5  | 249.38  |
| Topguard EQ, 5 fl oz + Topguard EQ, 5 fl oz   | V5+R1              | 219.3  | 239.3  | 206.5  | 285.7  | 248.6  | 244.08  |
| Approach, 3 fl oz + Approach Prima, 6.8 fl oz | V5+R1              | 224.4  | 237.7  | 213.5  | 300.1  | 262.3  | 251.88  |
| Mean yield                                    |                    | 222.1  | 236.0  | 210.7  | 286.4  | 259.2  | 252.875 |
| P-value*                                      |                    | 0.6539 | 0.5018 | 0.2788 | 0.5022 | 0.2259 | 0.4176  |

\*Since all P-values are >0.1, we are unable to confidently state that the yields of each treatment differed from each other.