

Table 3. In-season Hybrid-Maize yield potential forecasts as of Aug. 30, 2014 for the central and eastern Corn Belt

| Location         | Water regime | Long-term average Yp (bu/ac) <sup>§</sup> | Yp forecast as of Aug 30 <sup>th</sup> (bu/ac) |                     |                  | Change in median Yp forecast since Aug 15 <sup>th</sup> (%) | Early-killing frost probability (%) <sup>*</sup> |
|------------------|--------------|---|--|---------------------|------------------|---|--|
|                  |              |   | 25% <sup>†</sup>                               | Median <sup>†</sup> | 75% <sup>‡</sup> |   |  |
| <b>IOWA</b>      |              |   |  |                     |                  |   |  |
| Sutherland       | Dryland      | 232                                       | 248  | 227                 | 206              | +2%   | 84%  |
| Ames             | Dryland      | 228                                       | 251  | 239                 | 230              | -4%   | 0%   |
| Crawfordsville   | Dryland      | 230                                       | 267  | 256 (+)             | 249              | -5%   | 0%   |
| Nashua           | Dryland      | 245                                       | 267  | 262                 | 253              | 0%  | 40%  |
| Lewis            | Dryland      | 172                                       | 251  | 242 (+)             | 230              | -1%   | 0%   |
| Kanawha          | Dryland      | 221                                       | 260  | 253 (+)             | 248              | +4%   | 50%  |
| <b>ILLINOIS</b>  |              |   |  |                     |                  |   |  |
| Monmouth         | Dryland      | 206                                       | 290  | 279 (+)             | 267              | -3%   | 14%  |
| DeKalb           | Dryland      | 198                                       | 257  | 245 (+)             | 225              | 0%  | 64%  |
| Bondville        | Dryland      | 177                                       | 287  | 279 (+)             | 269              | -3%   | 5%   |
| <b>WISCONSIN</b> |              |   |  |                     |                  |   |  |
| Arlington        | Dryland      | 160                                       | 152  | 147                 | 124              | +9%   | 100%   |
| Hancock          | Irrigated    | 188                                       | 204  | 181                 | 173              | +3%   | 100%   |
|                  | Dryland      | 167                                       | 196  | 176                 | 166              | +7%   | 100%   |
| <b>OHIO</b>      |              |   |  |                     |                  |   |  |
| Custar           | Dryland      | 166                                       | 198  | 171                 | 141              | -11%  | 41%  |
| S. Charleston    | Dryland      | 191                                       | 246  | 230 (+)             | 211              | +6%   | 28%  |
| Wooster          | Dryland      | 208                                       | 248  | 238 (+)             | 216              | +5%   | 90%  |

<sup>§</sup>Average (25+ years) simulated yield potential (Yp) based on dominant soil series, average planting date, plant density and relative maturity of most widespread hybrid at each location. <sup>†</sup>25% probability of obtaining a yield equal to or higher than the value shown based on long-term weather data to finish the season. <sup>†</sup>Median Yp forecast with minus ('-') and plus ('+') signs indicating that median Yp is forecasted to be well below (<-10%) or well above (>10%) the long-term average Yp, respectively. <sup>‡</sup>75% probability of obtaining a yield equal to or higher than the value shown based on long-term weather data to finish the season. <sup>\*</sup> Based on average planting date in 2014 and dominant hybrid maturity at each location. (For management data used for simulations, see Table 1 in related CropWatch article.)