|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **State** |  | **Planting date** | | | | | | | | | | |
|  | **15-Sep** | | |  | **7-Oct** | | |  | **1-Nov** | | |
|  | *Probability (P)* | | | | | | | | | | |
|  | *P = 0.2* | *P = 0.5* | *P = 0.8* |  | *P = 0.2* | *P = 0.5* | *P = 0.8* |  | *P = 0.2* | *P = 0.5* | *P = 0.8* |
| **ND** |  | 3-Jun | 13-Jun | 25-Jun |  | 28-Jun | 7-Jul | 16-Jul |  | 11-Jul | 21-Jul | 29-Jul |
| **MN** |  | 23-May | 3-Jun | 16-Jun |  | 18-Jun | 1-Jul | 9-Jul |  | 30-Jun | 10-Jul | 20-Jul |
| **WI** |  | 21-May | 4-Jun | 16-Jun |  | 17-Jun | 28-Jun | 6-Jul |  | 3-Jul | 14-Jul | 21-Jul |
| **SD** |  | 9-May | 21-May | 4-Jun |  | 10-Jun | 20-Jun | 1-Jul |  | 25-Jun | 6-Jul | 15-Jul |
| **MI** |  | 7-May | 20-May | 31-May |  | 3-Jun | 15-Jun | 24-Jun |  | 25-Jun | 5-Jul | 12-Jul |
| **IA** |  | 26-Apr | 10-May | 23-May |  | 26-May | 7-Jun | 17-Jun |  | 11-Jun | 20-Jun | 1-Jul |
| **IN** |  | 20-Apr | 28-Apr | 5-May |  | 8-May | 20-May | 31-May |  | 30-May | 9-Jun | 17-Jun |
| **OH** |  | 19-Apr | 27-Apr | 5-May |  | 9-May | 20-May | 2-Jun |  | 1-Jun | 12-Jun | 21-Jun |
| **IL** |  | 13-Apr | 20-Apr | 28-Apr |  | 3-May | 16-May | 27-May |  | 25-May | 7-Jun | 18-Jun |
| **NE** |  | 12-Apr | 22-Apr | 6-May |  | 10-May | 21-May | 3-Jun |  | 3-Jun | 11-Jun | 20-Jun |
| **MO** |  | 10-Apr | 16-Apr | 22-Apr |  | 26-Apr | 7-May | 17-May |  | 19-May | 28-May | 5-Jun |
| **KS** |  | 3-Apr | 8-Apr | 14-Apr |  | 25-Apr | 3-May | 13-May |  | 16-May | 25-May | 3-Jun |

Some Stats for the narrative:

* When planted in 7-Oct and at the 0.8 probability level, only 2% of counties were predicted to reach 5.0 Mg ha-1 by 1-May, and this increased to 37% of the counties by 1-Jun and 76% by 1-Jul.
* In the early planting scenarios, this increased to 31, 71 and 98% for 1-May, 1-Jun and 1-Jul, respectively.
* With late CC planting, none of the counties reached the threshold by 1-May, and only about half (56%) did so by 1-Jul

I used the summary table below:

*Percent of counties with predicted biomass > 5.0 Mg ha at the 80% probability level*

|  |  |  |  |
| --- | --- | --- | --- |
| **DOP** | **JUL-1** | **JUN-1** | **MAY-1** |
| **Sep-15** | 97.9% | 70.6% | 30.5% |
| **Oct-7** | 75.8% | 36.9% | 2.2% |
| **Nov-1** | 56.4% | 6.3% | 0.0% |