

#### 2019 Soybean Maturity Group IV RR / RR2 / Enlist E3 Variety Response to Iron Deficiency Chlorosis



| Brand             | Variety      |   | IDC T | Avg. IDC<br>Tolerance Score |   |   |   |
|-------------------|--------------|---|-------|-----------------------------|---|---|---|
| <b>Delta Grow</b> | DG 48E10     | 4 | 4     | 3                           | 3 | 3 | 3 |
| Delta Grow        | DG 48E28     | 4 | 4     | 4                           | 3 | 2 | 4 |
| Don Mario         | 48D3E        | 4 | 4     | 5                           | 3 | 2 | 4 |
| GoSoy             | 463E19       | 4 | 4     | 4                           | 4 | 2 | 4 |
| USG               | 7480ET       | 4 | 4     | 4                           | 4 | 2 | 4 |
| Delta Grow        | DG 46E29 STS | 5 | 5     | 4                           | 4 | 3 | 5 |
| Uni. of Missouri  | S14-15138    | 4 | 4     | 6                           | 4 | 3 | 5 |
| Delta Grow        | DG 47E25     | 5 | 5     | 6                           | 5 | 3 | 5 |
| Delta Grow        | DG 48E39     | 7 | 7     | 7                           | 6 | 5 | 5 |
| Delta Grow        | DG 49E29 STS | 5 | 5     | 5                           | 6 | 3 | 5 |
| Delta Grow        | DG 47E19     | 7 | 7     | 7                           | 7 | 5 | 5 |
| Uni. of Missouri  | S14-15146    | 7 | 7     | 8                           | 7 | 6 | 5 |
| Petrus Seed       | 4916 GT      | 7 | 7     | 7                           | 6 | 5 | 6 |
| GoSoy             | 482E18       | 7 | 7     | 6                           | 6 | 4 | 6 |
| Delta Grow        | DG 48E49 STS | 7 | 7     | 7                           | 7 | 6 | 6 |

<sup>&</sup>lt;sup>1</sup> Tolerance scores were assigned on a scale of 1 to 10 with 1 being completely tolerant and 10 being completely susceptible.



## 2019 Soybean Maturity Group IV (M.G. 4.5 – 4.6) RR2X Variety Response to Iron Deficiency Chlorosis



| Brand              | Variety         |   | IDC T |   | Avg. IDC<br>Tolerance Score |   |   |
|--------------------|-----------------|---|-------|---|-----------------------------|---|---|
| AgriGold           | G4579RX         | 4 | 5     | 5 | 4                           | 2 | 4 |
| Pioneer            | P46A57BX        | 4 | 5     | 5 | 3                           | 2 | 4 |
| Asgrow             | AG46X0          | 4 | 5     | 5 | 4                           | 3 | 4 |
| MorSoy             | MS 4616 RXT STS | 5 | 5     | 5 | 4                           | 2 | 4 |
| <b>Delta Grow</b>  | 46X65 STS       | 5 | 5     | 5 | 4                           | 3 | 4 |
| Dyna-Gro           | S46XS60         | 3 | 5     | 5 | 4                           | 2 | 4 |
| <b>Great Heart</b> | GT-4677XS       | 3 | 5     | 5 | 4                           | 3 | 4 |
| Delta Grow         | 46X25           | 5 | 6     | 6 | 5                           | 3 | 5 |
| Terral             | REV 4679X       | 5 | 6     | 6 | 5                           | 4 | 5 |
| Local Seed         | LS4565XS        | 5 | 7     | 7 | 5                           | 4 | 5 |
| Local Seed         | LS4583X         | 6 | 6     | 6 | 5                           | 3 | 5 |
| Dyna-Gro           | S45XS37         | 5 | 6     | 6 | 4                           | 3 | 5 |
| Dyna-Gro           | S45XS66         | 5 | 6     | 6 | 4                           | 3 | 5 |
| Mission Seed       | A4618X          | 5 | 6     | 6 | 4                           | 3 | 5 |
| AgriGold           | G4605RX         | 5 | 6     | 6 | 5                           | 3 | 5 |
| <b>Great Heart</b> | GT-4616X        | 4 | 6     | 6 | 4                           | 3 | 5 |
| Local Seed         | LS4677X         | 7 | 8     | 8 | 6                           | 4 | 6 |
| Asgrow             | AG45X8          | 6 | 7     | 7 | 5                           | 4 | 6 |
| Asgrow             | AG46X6          | 6 | 6     | 6 | 6                           | 5 | 6 |
| Progeny            | P 4620 RXS      | 7 | 7     | 7 | 5                           | 4 | 6 |

<sup>&</sup>lt;sup>1</sup> Tolerance scores were assigned on a scale of 1 to 10 with 1 being completely tolerant and 10 being completely susceptible.



# 2019 Soybean Maturity Group IV (M.G. 4.7 – 4.9) RR2X Variety Response to Iron Deficiency Chlorosis



| EXTENSION          | variety ites    | sponse to | II OII Deil                 | olelloy o | 111010313 |   | MISSISSIPPI SOYBEAN PROMOTION BOARD |
|--------------------|-----------------|-----------|-----------------------------|-----------|-----------|---|-------------------------------------|
| Brand              | Variety         |           | Avg. IDC<br>Tolerance Score |           |           |   |                                     |
| Don Mario          | 47X01           | 4         | 4                           | 4         | 3         | 1 | 3                                   |
| AGS                | GS47X19         | 4         | 5                           | 5         | 4         | 2 | 4                                   |
| USG                | 7489XTS         | 4         | 6                           | 6         | 4         | 3 | 4                                   |
| Terral             | REV 4927X       | 4         | 5                           | 5         | 3         | 3 | 4                                   |
| Dyna-Gro           | S48XT56         | 3         | 5                           | 5         | 4         | 2 | 4                                   |
| MorSoy             | MS 4846 RXT STS | 5         | 6                           | 6         | 4         | 2 | 4                                   |
| Asgrow             | AG48X9          | 4         | 5                           | 5         | 4         | 2 | 4                                   |
| NK                 | S47-Y9X         | 5         | 6                           | 6         | 4         | 2 | 4                                   |
| <b>Great Heart</b> | GT-4979X        | 5         | 6                           | 6         | 4         | 2 | 4                                   |
| <b>Great Heart</b> | GT-4802X        | 4         | 5                           | 5         | 4         | 1 | 4                                   |
| Local Seed         | LSX4894X        | 4         | 5                           | 5         | 4         | 2 | 4                                   |
| Delta Grow         | 48X45           | 5         | 5                           | 5         | 4         | 3 | 5                                   |
| Delta Grow         | 49X15           | 5         | 6                           | 6         | 5         | 4 | 5                                   |
| AgriGold           | G4815RX         | 5         | 6                           | 6         | 4         | 3 | 5                                   |
| LG Seeds           | C4845RX         | 5         | 6                           | 6         | 5         | 3 | 5                                   |
| LG Seeds           | LGS4899RX       | 5         | 6                           | 6         | 4         | 3 | 5                                   |
| AGS                | GS49X19         | 6         | 7                           | 7         | 5         | 3 | 5                                   |
| USG                | 7470XTS         | 5         | 6                           | 6         | 5         | 4 | 5                                   |
| Pioneer            | P48A60X         | 5         | 6                           | 6         | 4         | 4 | 5                                   |
| NK                 | S49-F5X         | 5         | 5                           | 5         | 5         | 3 | 5                                   |
| Dyna-Gro           | S49XT70         | 6         | 6                           | 6         | 5         | 3 | 5                                   |
| Mission Seed       | A4950X          | 5         | 6                           | 6         | 4         | 2 | 5                                   |
| Local Seed         | LS4798X         | 5         | 6                           | 6         | 4         | 3 | 5                                   |
| Delta Grow         | 47X95 STS       | 6         | 6                           | 6         | 5         | 3 | 5                                   |
| Don Mario          | 49J3X           | 6         | 7                           | 7         | 5         | 4 | 5                                   |
| Progeny            | P 4799 RXS      | 6         | 6                           | 6         | 5         | 3 | 5                                   |
| Progeny            | P 4816 RX       | 5         | 6                           | 6         | 5         | 3 | 5                                   |
| Dyna-Gro           | S47XT20         | 5         | 6                           | 6         | 4         | 3 | 5                                   |
| Credenz            | CZ 4979X        | 6         | 6                           | 6         | 5         | 4 | 5                                   |
| <b>Great Heart</b> | GT-4764XS       | 5         | 6                           | 6         | 5         | 2 | 5                                   |
| Delta Grow         | 48X05           | 5         | 6                           | 6         | 4         | 3 | 5                                   |
| LG Seeds           | LGS4931RX       | 6         | 7                           | 7         | 6         | 5 | 6                                   |
| USG                | 7496XTS         | 7         | 7                           | 7         | 6         | 6 | 6                                   |
| Local Seed         | LS4889XS        | 6         | 7                           | 7         | 6         | 4 | 6                                   |
| Dyna-Gro           | S49XT39         | 7         | 7                           | 7         | 6         | 5 | 6                                   |
| Asgrow             | AG47X9          | 6         | 7                           | 7         | 5         | 4 | 6                                   |
| Asgrow             | AG49X9          | 6         | 7                           | 7         | 6         | 5 | 6                                   |
| Progeny            | P 4821 RX       | 6         | 7                           | 7         | 6         | 5 | 6                                   |
| Terral             | REV 4940X       | 6         | 7                           | 7         | 6         | 6 | 6                                   |
| <b>Great Heart</b> | GT-4833XS       | 5         | 7                           | 7         | 5         | 4 | 6                                   |
| Progeny            | P 4851 RX       | 7         | 8                           | 8         | 7         | 6 | 7                                   |
| Progeny            | P 4999 RX       | 7         | 7                           | 7         | 6         | 6 | 7                                   |
| Credenz            | CZ 4869X        | 7         | 7                           | 7         | 7         | 6 | 7                                   |

<sup>&</sup>lt;sup>1</sup> Tolerance scores were assigned on a scale of 1 to 10 with 1 being completely tolerant and 10 being completely susceptible.



### 2019 Soybean Maturity Group V RR / RR2 / Enlist E3 Variety Response to Iron Deficiency Chlorosis



| Brand             | Variety         |   | IDC T | Avg. IDC<br>Tolerance Score |   |   |   |
|-------------------|-----------------|---|-------|-----------------------------|---|---|---|
| <b>Delta Grow</b> | DG 5585 RR2 STS | 3 | 4     | 4                           | 3 | 2 | 3 |
| Uni. of Missouri  | S16-3747RY      | 4 | 4     | 4                           | 3 | 3 | 4 |
| Go Soy            | 50G17           | 5 | 5     | 5                           | 4 | 3 | 4 |
| Delta Grow        | 52E22           | 7 | 8     | 8                           | 8 | 7 | 7 |
| Go Soy            | 512E18          | 7 | 8     | 8                           | 7 | 7 | 7 |
| Uni. of Missouri  | S14-9017        | 8 | 8     | 8                           | 8 | 8 | 8 |

<sup>&</sup>lt;sup>1</sup> Tolerance scores were assigned on a scale of 1 to 10 with 1 being completely tolerant and 10 being completely susceptible.



### 2019 Soybean Maturity Group V RR2X Variety Response to Iron Deficiency Chlorosis



| Brand              | Variety    |   | IDC T | Avg. IDC<br>Tolerance Score |   |   |   |
|--------------------|------------|---|-------|-----------------------------|---|---|---|
| Dyna-Gro           | S52XT08    | 3 | 5     | 5                           | 4 | 1 | 3 |
| Dyna-Gro           | S54XT17    | 3 | 4     | 4                           | 3 | 2 | 3 |
| NK                 | S53-F7X    | 4 | 5     | 5                           | 3 | 2 | 3 |
| Armor              | 51-D77     | 4 | 5     | 5                           | 4 | 2 | 4 |
| Asgrow             | AG55X7     | 4 | 4     | 4                           | 4 | 2 | 4 |
| Credenz            | CZ 5299X   | 4 | 5     | 5                           | 4 | 4 | 4 |
| <b>Delta Grow</b>  | 52X05      | 4 | 5     | 5                           | 4 | 2 | 4 |
| <b>Delta Grow</b>  | 54X25      | 3 | 5     | 5                           | 4 | 2 | 4 |
| Dyna-Gro           | S52SX39    | 4 | 5     | 5                           | 4 | 2 | 4 |
| Dyna-Gro           | S56XT99    | 4 | 5     | 5                           | 4 | 3 | 4 |
| <b>Great Heart</b> | GT-5528X   | 4 | 6     | 6                           | 4 | 3 | 4 |
| Local Seed         | LS5087X    | 5 | 5     | 5                           | 4 | 2 | 4 |
| Local Seed         | LS5588X    | 5 | 5     | 5                           | 4 | 2 | 4 |
| Pioneer            | P54A54X    | 5 | 5     | 5                           | 4 | 2 | 4 |
| Progeny            | P 5252 RX  | 4 | 5     | 5                           | 4 | 3 | 4 |
| Progeny            | P 5688 RX  | 4 | 5     | 5                           | 5 | 3 | 4 |
| Terral             | REV 5659X  | 4 | 5     | 5                           | 4 | 2 | 4 |
| Local Seed         | LS5386X    | 6 | 5     | 5                           | 5 | 3 | 5 |
| Progeny            | P 5554 RX  | 4 | 5     | 5                           | 5 | 4 | 5 |
| Armor              | 52-D71     | 6 | 7     | 7                           | 6 | 4 | 6 |
| Progeny            | P 5170 RX  | 6 | 6     | 6                           | 6 | 4 | 6 |
| AgriGold           | G5000RX    | 7 | 8     | 8                           | 7 | 7 | 7 |
| Asgrow             | AG52X9     | 7 | 7     | 7                           | 7 | 5 | 7 |
| NK                 | S51-R3XS   | 8 | 8     | 8                           | 7 | 7 | 7 |
| Progeny            | P 5016 RXS | 8 | 7     | 7                           | 7 | 6 | 7 |
| Asgrow             | AG53X10    | 8 | 8     | 8                           | 8 | 7 | 8 |
| Asgrow             | AG53X9     | 8 | 8     | 8                           | 8 | 8 | 8 |

<sup>&</sup>lt;sup>1</sup> Tolerance scores were assigned on a scale of 1 to 10 with 1 being completely tolerant and 10 being completely susceptible.