

2013 MSU Suggested Soybean Varieties Response to Frogeye Leaf Spot

| Maturity Group and Variety | Frogeye rating (numerical rating) | MS frogeye rating (0-5) | TN frogeye rating (0-10) | |
|--|-----------------------------------|-------------------------|--------------------------|---------------|
| | | | Milan, TN | Dyersburg, TN |
| MG IV – RoundUp Ready (Early) | | | | |
| Asgrow AG4531 | S | 2.63 | ... | ... |
| Asgrow AG4632 | R | 1 | ... | ... |
| Delta Grow DG 4670R2Y | ? | 0.38 | ... | ... |
| Dyna-Gro 31RY45 | R (8) | 0.88 | 0 | 0 |
| MorSoy Xtra 46X29 | MS (4.5) | 2.88 | ... | ... |
| MorSoy Xtra 46X71 | R (1.5) | 0.88 | ... | ... |
| NK S44-D5 | MS (6) | 1.75 | ... | ... |
| Pioneer 94Y61 | R (8) | 0.13 | ... | ... |
| Progeny P 4211 RY | MR | 2.63 | ... | ... |
| Progeny P 4510 RY ^a | S | 2.63 | 5.3 | 4.3 |
| MG IV – RoundUp Ready (Late) | | | | |
| Armor DK 4744 ^a | S | 2.75 | ... | ... |
| Armor 48-R91 | MR | 0.88 | 0.3 | 0 |
| Asgrow AG4732 | MR (3) | 1.63 | ... | ... |
| Asgrow AG4832 | T (5) | 2.5 | 7 | 5.7 |
| Croplan R2T4799S ^a | T (5) (??) | 2.38 | 3.8 | 6 |
| Delta Grow DG 4970RR | ? | 2.13 | ... | ... |
| Hornbeck HBK RY4721 | R | ... | 0.3 | 1.3 |
| Pioneer 94Y80 | R (8) | 0.88 | ... | ... |
| Pioneer 94Y82 | R (7) | 1.0 | ... | ... |
| Pioneer 94Y90 | MR (5) | 2.75 | ... | ... |
| Progeny P 4710 RY | MR | 1.75 | ... | ... |
| Schillinger 495.RC | R | 0.5 | ... | ... |
| Terral REV 47R53 | MR (8) | 0.63 | ... | ... |
| Terral REV 48R33 | T (5) | ... | 0 | 0 |
| MG V - RoundUp Ready | | | | |
| Armor DK 5363 | R | ... | ... | ... |
| Asgrow AG5332 | MR (4) | 1.88 | 3 | 7 |
| Asgrow AG5532 | MS (6) | ... | 4 | 5.7 |
| Delta Grow DG5555RR | ? | 1.88 | ... | ... |
| Dyna-Gro 32RY55 | MR (7) | 0.75 | ... | ... |
| Dyna-Grow 39RY57 | MR (6) | 1.75 | ... | ... |
| Hornbeck HBK RY5521 | MR | ... | ... | ... |
| MorSoy Xtra 54X41 | R (1.5) | 0.88 | 2.8 | 3 |
| Pioneer 95Y01 | MR (6) | 1.38 | ... | ... |
| Pioneer 95Y10 | MR (6) | 0.5 | ... | ... |
| Pioneer 95Y40 | S (3) | 2.25 | ... | ... |
| Pioneer 95Y70 | MR (6) | 1.25 | ... | ... |
| Progeny P5111 RY | MR | 2.06 | 0 | 0 |
| Progeny P5610 RY | MS | 0.25 | ... | ... |
| Progeny P5711 RY | MS | 1.25 | ... | ... |
| Progeny P5811 RY | R | 0.88 | ... | ... |
| Terral REV 51R53 | MS (3) | 2.75 | 5.8 | 7.3 |
| Terral REV 56R21 | T (4) | 1.5 | ... | ... |
| Terral REV 56R63 | MR (7) | ... | ... | ... |
| Maturity Group IV – LibertyLink | | | | |
| GoSoy 4411LL | R | ... | ... | NA |
| Delta Grow DG4990LL | ? | ... | ... | NA |
| Halo 4:65 | R | ... | 0 | NA |
| Halo 4:94 | MR | ... | 0 | NA |
| Progeny P4928 LL | MR | ... | 0 | NA |
| Maturity Group V – LibertyLink | | | | |
| Delta Grow DG5461LL | ? | ... | NA | NA |
| Dyna-Gro 34LL53 | R (8) | ... | NA | NA |
| Halo 5:25 ^b | MR | ... | NA | NA |
| Halo 5:45 | R | ... | NA | NA |
| Progeny P5160LL ^b | MR | ... | NA | NA |
| Progeny P5460LL | MR | ... | NA | NA |

-Varieties with the same superscript (a,b) are considered to be the same variety.

-Disease ratings included in some cases with the rating value from each of the companies is based on an approximation using this general scale: R = resistant; MR = moderately resistant; T = tolerant; MS = moderately susceptible; S = susceptible

-Individual company rating scales:

-Asgrow ratings: 9 = poor; 1 = excellent

-Dyna-Gro ratings: 9 = Excellent; 7-8 = Very Good; 5-6 = Good; 3-4 = Fair; 1-2 = Poor

-Morsoy ratings: 1 = Excellent; 2-2.9 = Very Good; 3-3.9 = Good; 4-4.9 = Fair; ≥ 5 = Poor

-NK ratings: 1 = Best; 9 = Worst

-Pioneer ratings: 9 = Excellent; 1 = Poor

-Terral ratings: 1-3 = Below average; 4-6 = Average; 7-9 = Above average

-MS Disease rating scores were based on a visual rating of leaf disease following inoculation using a 0–5 scale (0 = 0–3%; 1 = 3.1–12%; 2 = 12.1–25%; 3 = 25.1–50%; 4 = 50.1–75%; and 5 = 75.1–100%). For more information see the 2012 Soybean Variety Trial booklet.

-Ratings for UT information based on a scale of 0-10 in a situation where natural inoculum was relied on for disease incidence where 0 = no disease and 10 = most disease possible. UT information compiled from <https://ag.tennessee.edu/EPP/Redbook/Soybean%20Disease%20and%20Nematode.pdf>