



2011 Soybean Variety Screening for Metribuzin Sensitivity

With the increase in acreage infested with glyphosate-resistant Palmer amaranth in Arkansas, metribuzin containing herbicides have had resurgence in use in the past couple of years. In 2011, soybean varieties were screened for metribuzin sensitivity by the University of Arkansas Division of Agriculture (Dr. Jason Norsworthy) and Mississippi State University (Dr. Tom Eubank). Ratings for metribuzin sensitivity were: 1-3 = Slight; 4-6 = Moderate; 7-9 = Severe; and 10 = Death. When using metribuzin containing herbicides, particular attention should be paid to the soil texture, soil organic matter and soil pH. Products containing metribuzin include: Canopy (DuPont), Boundary (Syngenta), Authority MTZ (FMC), TriCor (UPI), and Metribuzin (MANA).

Variety	Brand	Rating	Scale
AV 50X6RR	AgVenture	4	Moderate
AV 51X5RR	AgVenture	5	Moderate
AV 54X4RR	AgVenture	3	Slight
Armor 44-K6	Armor	2	Slight
Armor 53-Z5	Armor	3	Slight
DK 4866	Armor	6	Moderate
DK 4968	Armor	4	Moderate
DK GP-500	Armor	5	Moderate
DKR 4440	Armor	5	Moderate
AG4403	Asgrow	6	Moderate
AG4605	Asgrow	4	Moderate
AG4903	Asgrow	3	Slight
AG5503	Asgrow	5	Moderate
AG5606	Asgrow	4	Moderate
DP 4888	Asgrow	2	Slight
31RY34	Dyna-Gro	3	Slight
31RY37	Dyna-Gro	3	Slight
31RY45	Dyna-Gro	3	Slight
32A53	Dyna-Gro	2	Slight
32LL48	Dyna-Gro	1	Slight
32RY34	Dyna-Gro	3	Slight
32RY39	Dyna-Gro	3	Slight
32RY55	Dyna-Gro	5	Moderate
33A40	Dyna-Gro	1	Slight
33C59	Dyna-Gro	3	Slight
33G48	Dyna-Gro	2	Slight
33LL49	Dyna-Gro	4	Moderate
33LL58	Dyna-Gro	10	Death
33RY37	Dyna-Gro	3	Slight
33RY47	Dyna-Gro	3	Slight

Variety	Brand	Rating	Scale
33X55	Dyna-Gro	5	Moderate
34LL37	Dyna-Gro	8	Severe
34LL53	Dyna-Gro	10	Death
34RY36	Dyna-Gro	5	Moderate
34RY46	Dyna-Gro	2	Slight
34RY75	Dyna-Gro	2	Slight
35F55	Dyna-Gro	2	Slight
35K73	Dyna-Gro	3	Slight
35P53	Dyna-Gro	2	Slight
35RY51	Dyna-Gro	2	Slight
35X43	Dyna-Gro	1	Slight
36C44	Dyna-Gro	2	Slight
36LL39	Dyna-Gro	4	Moderate
36RY38	Dyna-Gro	3	Slight
36RY68	Dyna-Gro	2	Slight
37LL50	Dyna-Gro	1	Slight
37P37	Dyna-Gro	3	Slight
37P49	Dyna-Gro	4	Moderate
37RY33	Dyna-Gro	2	Slight
37RY39	Dyna-Gro	4	Moderate
37RY47	Dyna-Gro	3	Slight
37RY52	Dyna-Gro	4	Moderate
38C42	Dyna-Gro	3	Slight
38LL42	Dyna-Gro	1	Slight
38RY32	Dyna-Gro	2	Slight
38RY35	Dyna-Gro	4	Moderate
38RY45	Dyna-Gro	4	Moderate
39D48	Dyna-Gro	3	Slight
39LL43	Dyna-Gro	7	Severe
39RY30	Dyna-Gro	8	Severe

Variety	Brand	Rating	Scale
39RY43	Dyna-Gro	3	Slight
39RY57	Dyna-Gro	3	Slight
V39N9RR	Dyna-Gro	6	Moderate
V42N9RS	Dyna-Gro	3	Slight
V47N8RR	Dyna-Gro	9	Severe
V48N7RS	Dyna-Gro	2	Slight
V51N7RS	Dyna-Gro	1	Slight
V61N9RR	Dyna-Gro	3	Slight
V76N9RR	Dyna-Gro	2	Slight
HBK R4924	Hornbeck	3	Slight
HBK R5525	Hornbeck	5	Moderate
NK S44-D5	NK Brand	5	Moderate
NK S49-H7	NK Brand	3	Slight
P 94Y80	Pioneer	6	Moderate
P 94Y90	Pioneer	6	Moderate
P 95Y01	Pioneer	5	Moderate
P 95Y30	Pioneer	4	Moderate
P 4906RR	Progeny	5	Moderate
P 4949RR	Progeny	6	Moderate
SCH 495 RC	Schillinger	3	Slight
46LC03	Stine	5	Moderate
48LC08	Stine	7	Severe
49LA02	Stine	4	Moderate
49LA28	Stine	3	Slight
49LA82	Stine	3	Slight
49LC08	Stine	4	Moderate
50LC32	Stine	5	Moderate
50LC82	Stine	6	Moderate
51LA02	Stine	10	Death
52LA02	Stine	4	Moderate
52LC08	Stine	5	Moderate
58LA02	Stine	9	Severe
LL 1716-24	Stine	5	Moderate
TV47R18	Terral	7	Severe
TV55R15	Terral	5	Moderate

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