

Table 2. Weed Response to Burndown Herbicides for Conservation-Tillage Cotton¹

Weed	glyphosate	glyphosate + dicamba ²	glyphosate + 2,4-D ³	glyphosate + flumioxazin ⁴ + dicamba ²	glyphosate + flumioxazin ⁴ + 2,4-D ³	glyphosate + rimsulfuron + thifensulfuron ⁵	glyphosate + thifensulfuron + tribenuron ⁶	glyphosate + Sharpen	paraquat	paraquat + diuron
Annual bluegrass	E	E	E	E	E	E	E	E	GE	E
Buttercups	E	E	E	E	E	E	E	E	E	E
Carolina geranium	PF	G	F	G	F	G	GE	ND	GE	E
Chickweed	E	E	E	E	E	E	E	E	E	E
Cudweed	E	E	E	E	E	E	E	E	FG	G
Curly dock	F	GE	FG	F	FG	F	E	ND	NP	P
Cutleaf eveningprimrose	PF	G	E	FG	E	PF	F	ND	F ⁸	G ⁸
Field pansy	F	F	F	F	F	ND	F	ND	G	GE
Henbit	G	E	E	E	E	E	E	ND	E	E
Horseweed (marestalk) glyphosate-susceptible glyphosate-resistant	GE N	E E	E E ⁹	E E	E E ⁹	GE P	GE P	E E	PF PF	G G
Prickly lettuce	E	E	E	E	E	E	E	E	P	PF
Ryegrass	G	G	G	G	G	GE	G	G	F	FG
Speedwell	E	E	E	E	E	E	E	E	E	E
Swinecress	FG	FG	G	ND	E	E	E	E	E	E
Vetch	F	E	E	FG	E	ND	G	ND	PF	F
Virginia pepperweed	G	GE	E	GE	E	G	G	ND	G	G
Wheat or rye cover crop ⁷	E	E	E	E	E	E	E	E	G ¹⁰	GE ¹⁰
Wild mustard, wild radish	FG	G	E	G	E	FG	GE	ND	FG	G

Note: E = excellent, 90% or better control; G = good, 80 to 90% control; F = fair, 50 to 80% control; P = poor, 25 to 50% control; N = no control, less than 25% control; ND = no data.

¹ See Table 3 for waiting intervals between application and cotton planting.

² Clarity and other brands.

³ Numerous brands.

⁴ Outflank, Panther, Rowel, or Valor.

⁵ Crusher or Leadoff.

⁶ Audit 1:1, FirstShot, Harmony Extra, Nimble, T-Square, or Treaty Extra.

⁷ Glyphosate rate is 0.56 lb a.e. for wheat < 12 in. or rye < 18 in., or 0.75 lb a.e. for wheat > 12 in. or rye > 18 in.

⁸ This level of control requires that the primrose be blooming when treated.

⁹ This level of control requires 2 pt of 2,4-D.

¹⁰ Wheat or rye must have visible seed heads for this level of control.

