

Herbicide Effectiveness¹ on Weeds in Sugar Beet

Weeds	cycloate (Ro-Neet)	ethofumesate (Norton or Etho SC)	glyphosate (Roundup)	dimethenamid-P (Outlook)	phenmedipham + desmedipham (Betamix)	clopyralid (Stinger)	trifluralin (UpBeet) ²	clethodim (Select)	quizalofop (Assure II) ³	sethoxydim (Poast)	EPTC layby (Eptam)	trifluralin (Treflan)
Barley, volunteer	F	F	E	P	P	P	P	G	G	P-F	P	P
Barnyardgrass	G	G	E	E	P-F	P	P	E	E	E	G	G
Bindweed, field	P	P	F	P	P	P	P	P	P	P	P	P
Buckwheat	P	F-G	G	P	F-G	E	G	P	P	P	F	F
Cocklebur	P	P	G	P	F	E	F	P	P	P	P	P
Crabgrass	G	F-G	E	G	P	P	P	E	E	F	G	G
Dodder	P	P	E	P	P	P	P	P	P	P	P	P
Foxtail	G	G	E	E	F	P	P	E	E	E	G	G
Knapweed, Russian	P	P	P	P	P	G	P	P	P	P	P	P
Knotweed	P	P	P	F	F	F	G	P	P	P	G	G
Kochia	P	F-G	G-E	F	P-F	P	G	P	P	P	F	F
Lambsquarters	E	G-E	F-G	F-G	E	F	G	P	P	P	G	F-G
Mallow	P	P	P-F	P-F	P	P	F	P	P	P	P	P
Mustard	P	G	G	P	G	P	G	P	P	P	P	P
Nightshade, black	G	F-G	G	G	F-G	F-G	G	P	P	P	F-P	P
Nightshade, hairy	G	F-G	G-E	E	G-E	F-G	F	P	P	P	G	P
Nutsedge, yellow	F	P	F	F-G	P	P	P	P	P	P	F	P
Oats, volunteer	F	F	E	F	P	P	P	G	G-E	P-F	P	P
Oat, wild	F	F	E	F	P	P	P	G-E	G-E	G-E	F-G	F
Pigweed	E	G-E	G-E	E	G-E	P	G-E	P	P	P	F-G	G
Purslane	G	F-G	G-E	F-G	G	P	F	P	P	P	G	G
Quackgrass	F	P	F-G	P	P	P	P	G3	G3	F	F	P
Sandbur	G	P	E	G	P	P	P	E	G	—	G	G
Smartweed	P	F-G	F-G	P	P	G	G	P	P	P	P	P-F
Sowthistle	P	G	G	F	E	G	G	P	P	P	F	P
Sunflower	P	P	F-G	P	F	E	P	P	P	P	P	P
Thistle, Canada	P	P	P-F	P	P	E	P	P	P	—	P	P
Thistle, Russian	P	F-G	F-G	F	F	P	P	P	P	P	P	F-G
Wheat, volunteer	F	F	E	P	P	P	P	G	G	P-F	F	F

E = excellent G = good F = fair P = poor — = limited information

¹ Response of weeds to any of the listed herbicides may be altered by growing conditions, weed population, type of irrigation, genetic variation, soil type, pH, organic matter, time of application, or application rate. Ratings may vary from season to season and from site to site. Weed control generally decreases as the season progresses.

² UpBeet controls these weeds when tank mixed with Betamix.

³ Requires two applications of Assure II for quackgrass.