

Table E-2. Herbicide Effectiveness on Common Weeds in Vegetables

See Notes in section E 2.2 on the preceding page. Abbreviations: G=good, F=fair, P=poor, N=no control, -=insufficient data.

Herbicide	WSSA Site of Action number	Barnyardgrass	Crabgrass, Large	Fall Panicum	Foxtail sp.	Goosegrass	Johnsongrass (seedlings)	Yellow Nutsedge	Carpetweed	Cocklebur, Common	Gainsoga, Hairy	Jimsonweed	Lambsquarters, Common	Morningglory sp.	Shepherdspurse	Pigweed sp.	Purslane, Common	Ragweed, Common	Smartweed, Pennsylvania	Nightshade, stern Black	Velvetleaf
Soil-Applied Herbicides (pre-plant incorporated or preemergence)																					
Acetochlor products	15	G	F/G	G	G	G	G	F	F	N	-	N	P/F	N	-	F/G	-	P	P	G	P
Atrazine	5	F	P/F	P	F	-	P	P/F	G	F/G	G	G	G	G	G	G	G	G	G	G	F
Callisto	27	N	F	N	P	N	N	P	-	P/F	G	F	G	F	G	F/G	-	P	-	P	-
Caparol	5	F	P/F	P	F	P/F	-	N	G	P	G	P/F	G	P	F	F/G	G	F	F	F	P
Chateau	14	P	P	P	P	P	P	P	G	F	G	-	G	F	G	G	G	F	G	G	-
Command	13	G	G	G	G	G	G	N	N	N/F	F	G	G	P	F	N/P	G	P/F	G	-	G
Curbit	3	F	G	G	-	G	-	N	G	N	N	N	P/F	P	-	F	F/G	N	P	P	P
Dacthal	3	F/G	G	F/G	G	F/G	-	N	P	N	N	P	G	N	P	F/G	G	N	N	N	N
Devrinol	15	G	G	G	G	G	G	N/P	G	N	F/P	N	F/G	N	-	F/G	G	P/F	P	N	N
Dual Magnum	15	G	G	G	G	G	G	F/G ¹	F	N	G	N	P	N	-	G	F/G	N	P	G	P
Eptam	8	G	G	G	G	G	G	G	G	P	N	P	F	F	-	G	G	P	P	F/G	F/G
Goal/GoalTender	14	P	P	P	P	P	P	P ²	G ²	-	G ²	-	F	-	G	G	G	F	G ²	G ²	F ²
Karmex	7	G	F/G	G	G	F/G	N	N	G	-	G	G	G	G	G	G	G	G	G	G	G
Kerb	3	G	G	G	G	G	-	N	G	N	P	N	G	-	-	G	G	P	-	-	P
Lorox/Linex	7	F	P/F	P	F	P/F	-	N	G	P	G	P/F	G	P	F	G	G	F	G	G	P
Matrix/Solida	2	G	F	F	G	-	-	F	-	-	F	-	F	P/F	-	G	G	F	F	P/F	P
Metribuzin	5	F	F	F	F	-	-	N	G	F	G	F/G	G	F/P	-	F/G	F	G	G	P	G
Micro-Tech	15	G	F/G	G	G	G	G	F	G	N	G	P	P/F	N	G	G	G	N	P	G	P
Outlook	15	G	G	G	G	G	P	P/F	-	N	G	N	P	N	-	F/G	G	N	P	F	N
Prefar	8	G	G	G	G	F/G	G	N	N	N	N	N	F/G	N	P/F	F	F	N	N	N	N
Prowl/Prowl H2O	3	G	G	G	G	-	G	N	G	N	N	N	F/G	P	N	F/G	F/G	N	F	P	G
Pursuit	2	P/F	P/F	P/F	P/F	-	N	G	F	-	F	G	F	F	G	G	P	G	F	G	G
Reflex ³	14	P	P	P	P	P	P	N	G	N	G	F/G	P	P	G	E	E	G	P	G	P
Ro-Neet	8	G	G	G	G	G	-	N/P	G	N	N	N	F	-	G	G	G	N	-	-	F
Sandea	2	N	N	N	N	N	N	F	P	G	G	G	F	F	-	G	F	G	F	N	G
Sinbar	5	F	F	-	F	F	-	P	G	-	G	G	G	G	G	P	G	G	G	G	G
Solicam	12	G	G	G	G	-	F	F	-	-	-	F	F	P	-	G	G	G	-	-	F
Spartan Charge	14+14	P	P	P	P	P	P	P	-	-	-	-	P	P	-	F/G	-	N	P	-	-
Strategy ⁴	3+13	G	G	G	G	G	G	N	G	N/F	F	G	G	P	F	F	G	F	G	P	G
Treflan	3	G	G	G	G	G	G	N	G	N	N	N	F/G	P/F	N	F	G	N	P/F	P	N
Zeus	14	P	P/F	P	P	P/F	P	P/F	G	P	-	G	F/G	F/G	F/G	-	G	G	P/F	F	F/G
Zidua	15	G	G	G	G	G	P	P	-	N	P	P	F	N	-	G	G	P	P	F/G	P

Table E-2. - continued on next page

Table E-2. Herbicide Effectiveness on Common Weeds in Vegetables - continued

Herbicide	WSSA Site of Action Number	Barnyardgrass	Crabgrass, Large	Fall Panicum	Foxtail sp.	Goosegrass	Johnsongrass (Seedlings)	Yellow Nutsedge	Carpetweed	Cocklebur, Common	Gallinsoga, Hairy	Jimsonweed	Lambsquarters, Common	Morningglory sp.	Shepherdspurse	Pigweed sp.	Purslane, Common	Ragweed, Common	Smartweed, Pennsylvania	Nightshade, Eastern Black	Velvetleaf
Postemergence																					
2,4-D	4	N	N	N	N	N	N	P	G	F/G	P	F	F/G	G	G	G	G	G	F	G	G
Accent Q	2	G	P/F	G	G	P	G	P	-	P	-	F	P	F	G	G	P/F	P	F/G	N	P
Aim/Cadet	14	N	N	N	N	N	N	N	G	P	-	P	G	F	-	G	-	F	-	G	G
Assure II/Targa	1	G	G	G	G	G	G	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Atrazine	5	F	F	F	F	F	-	G	-	F	G	G	G	G	G	G	G	G	G	G	F/G
Banvel/Clarity	4	N	N	N	N	N	N	P	G	G	G	G	G	G	G	G	G	G	G	G	G
Basagran	6	N	N	N	N	N	N	F	N	G	F	G	F	P	-	F	F/G	G	G	P	G
Callisto	27	N	F	P	P	P	P	F	-	F/G	G	G	G	F	F/G	G	-	P	-	F/G	G
Caparol	5	F	P/F	P	F	P/F	-	N	G	P	G	P/F	G	P	F	F/G	G	F	G	G	P
Fusilade DX	1	G	F/G	G	G	G	G	N	N	N	N	N	N	N	N	N	N	N	N	N	N
glyphosate products	9	G	G	G	G	G	G	F	G	G	G	G	G	F	G	G	G	F	G	G	G
Goal Tender	14	P	P	P	P	P	P	P	G	P	G	F	G	F	G	G	G	F	G	G	F
Gramoxone ⁵	22	F/G	F/G	F/G	G	F/G	-	G	G	G	G	G	F/G	F/G	-	G	F/G	G	P	-	-
Impact/Armezon	27	G	G	F/G	G	F	F	-	-	F/G	-	G	G	F	-	G	-	G	G	G	G
Laudis	27	G	F/G	P	G	F	G	-	-	F/G	-	G	G	F	-	G	-	F	-	-	-
Lorox	7	P	P	P	P	P	P	P	G	P/F	F/G	P/F	G	-	G	G	G	G	G	P/F	G
Maestro/Buctril	6	P	P	P	P	P	P	P	G	G	G	G	G	G	G	G	F	F	G	G	F
Matrix/Solida	2	G	P/F	F/G	G	P	-	F	-	F/G	-	F	F	F	G	G	F/G	P	P/F	P	F
Metribuzin	5	P	P	P	P	P	-	P	G	-	G	G	G	P	G	G	G	G	F	P	P/F
Poast	1	G	G	G	G	G	G	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Pursuit	2	F/G	F/G	F/G	F/G	P	F/G	-	G	F	G	F	G	F	P/F	G	G	P/F	-	-	G
Raptor	2	P	P	P	P	P	P	P	-	F/G	G	-	F	F	G	G	P/F	P/F	G	G	G
Reflex ³	14	P	P	P	P	P	P	P	G	F	G	G	P	F/G	G	G	-	F	P	F	P
Sandea	2	N	N	N	N	N	N	G	P	G	G	G	N	F	-	G	P	G	F	N	G
Select	1	G	G	G	G	P	G	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Shieldex	27	P/F	F/G	N	F/G	P/F	-	-	-	F/G	-	G	G	F	-	G	-	F	-	-	-
Sinbar	5	F	F	-	F	F	-	P	G	G	G	G	G	G	G	P	G	G	G	G	G
Spin-Aid	5	P	P	P	P	P	P	P	-	P	G	G	F	G	G	P/F	G	F/G	-	-	N
Starane Ultra	4	N	N	N	N	N	N	N	N	G	-	-	F/G	-	F	G	G	-	F	G	G
Stinger/Spur	4	N	N	N	N	N	N	N	N	G	G	P	P	N	N	N	N	G	P	P	P

¹ Control improved with a pre-plant incorporated treatment,

² Control of this species based on preemergence application; control from pre-plant incorporated treatment slightly reduced.

³ Reflex ratings based on 1.25 pt/A. Lower rates will result in reduced levels of weed control.

⁴ Strategy is a repackaged mixture of Command and Curbit.

⁵ Gramoxone: nonselective herbicide that needs to be applied with shielded application equipment to prevent spray from contacting the crop.