

Site of action Group 1: acetyl CoA carboxylase (ACCase) inhibitor

Chemical family Aryloxyphenoxy propionate

sethoxydim (Poast, Rezult G)

Rate 0.28 to 0.47 lb ai/a (1.5 to 2.5 pints/a, maximum 5 pints/a per year)

Time Apply to actively growing annual or perennial grasses at growth stage indicated on label.

Remarks For grass control only. Refer to label for specific herbicide rates, weed species, and weed sizes. Always add a nonphytotoxic crop oil concentrate to the spray tank at 2 pints/a or Dash HC at 1 pint/a. Sethoxydim is most effective on actively growing grasses before they have been cut and before they reach

the maximum size indicated on the label. Larger, more mature grasses can often be controlled, but two applications may be required. Sethoxydim will not control annual bluegrass or any of the fine fescues and is weak on downy brome and quackgrass.

Caution Control may be erratic on grass stressed by drought, temperature extremes, insect damage, herbicide injury, or other factors. Do not apply if rain is expected within 1 hour after applying. Preharvest interval is 20 days. Do not graze treated fields or use spent hay or straw as livestock feed. Do not exceed two applications or 5 pints/a a season. Do not tank-mix except with herbicides listed on the Poast label.

Site of action Group 1: acetyl CoA carboxylase (ACCase) inhibitor

Chemical family Cyclohexanedione

Herbicide Effectiveness on Weeds in Mint

| Weed Family | pyroxasulfone | MCPB | flumioxazin | sethoxydim | quizalofop | clethodim | sulfentrazone | oxyfluorfen | diuron | terbacil | clomazone | trifluralin | napropamide | clopyralid | bentazon | paraquat | pendimethalin |
|--|---------------|------|-------------|------------|------------|-----------|---------------|-------------|--------|----------|-----------|-------------|-------------|------------|----------|----------|---------------|
| AMARANTH | | | | | | | | | | | | | | | | | |
| Amaranth, Powell (A) <i>Amaranthus powellii</i> | E | F-G | F-G | P | P | P | G | F-G | F-G | F | F | G | G | P | F | G | F-G |
| Pigweed, redroot (A) <i>Amaranthus retroflexus</i> | E | F-G | F-G | P | P | P | G | F-G | F-G | F | F | G | G | P | F | G | F-G |
| Pigweed, tumble (A) <i>Amaranthus graecizans</i> | E | - | — | P | P | P | — | G | G | F | — | G | G | P | F | G | F-G |
| BORAGE | | | | | | | | | | | | | | | | | |
| Fiddleneck, coast (A) <i>Amsinckia intermedia</i> | E | - | — | P | P | P | — | — | G | — | — | P | G | — | G | — | — |
| BUTTERCUP | | | | | | | | | | | | | | | | | |
| Buttercup, celery-leaved (A) <i>Ranunculus sceleratus</i> | - | - | — | P | P | P | — | — | — | F | — | P* | — | — | — | G | — |
| Buttercup, creeping (P) <i>Ranunculus repens</i> | - | - | — | P | P | P | — | — | — | P | — | P* | — | — | — | P | — |
| CALTROP | | | | | | | | | | | | | | | | | |
| Puncturevine (A) <i>Tribulus terrestris</i> | - | - | G | P | P | P | F-G | — | — | F | — | G | — | P | — | G | G |
| COMPOSITE | | | | | | | | | | | | | | | | | |
| Catsear, spotted (P) <i>Hypochaeris radicata</i> | - | - | — | P | P | P | — | G* | P | P | — | P | P | — | P | — | — |
| DAISY, OXEYE | | | | | | | | | | | | | | | | | |
| Chrysanthemum <i>Leucanthemum</i> | - | - | — | P | P | P | — | — | G* | P | — | P | P | — | F | P | — |
| Dandelion, common (P) <i>Taraxacum officinale</i> | - | - | F | P | P | P | P | P | F* | P | F | — | P | F-G | G* | P | P |
| Devil's beggarsticks (A) <i>Bidens frondosa</i> | - | - | — | P | P | P | — | — | G | F | — | P | — | — | — | — | — |
| Goldenrod, Canada (P) <i>Solidago canadensis</i> | - | - | — | P | P | P | — | P | P | P | — | P | P | — | — | P | P |
| Goldenrod, western (P) <i>Solidago occidentalis</i> | - | - | — | P | P | P | — | P | P | P | — | P | P | — | P | P | P |

| Weed Family | pyroxasulfone | MCPB | flumioxazin | sethoxydim | quizalofop | clethodim | sulfentrazone | oxyfluorfen | diuron | terbacil | clomazone | trifluralin | napropamide | clopyralid | bentazon | paraquat | pendimethalin |
|---|---------------|------|-------------|------------|------------|-----------|---------------|-------------|--------|----------|-----------|-------------|-------------|------------|----------|----------|---------------|
| Groundsel, common (A) <i>Senecio vulgaris</i> | G | - | F | P | P | P | F-G | G | F | F | F | F | F-G | F-G | F-G | G | P |
| Horseweed (A) <i>Conyza canadensis</i> | - | - | F-G | P | P | P | G | P | F | P | — | P | F | G | F | F | P |
| Lettuce, prickly (A) <i>Lactuca serriola</i> | - | F | F-G | P | P | P | F-G | F-G | G | F | F-G | P | G | G | F | G | P |
| Mayweed (A) <i>Anthemis cotula</i> | - | - | — | P | P | P | G | — | G | G | — | P | — | G | F | F | — |
| Pineappleweed (A) <i>Matricaria matricarioides</i> | - | - | — | P | P | P | — | — | G | G | — | P | G | G | G | G | — |
| Ragwort, tansy (B) <i>Senecio jacobaea</i> | - | - | — | P | P | P | — | — | P | P | — | P | P | — | P | P | — |
| Salsify, common (B) <i>Tragopogon porrifolius</i> | - | - | — | P | P | P | — | F | P | P | — | P | P | G | P | F | P |
| Salsify, meadow (B) <i>Tragopogon pratensis</i> | - | - | — | P | P | P | — | F | P | P | — | P | P | G | P | F | P |
| Salsify, western (B) <i>Tragopogon dubius</i> | - | - | F | P | P | P | F | F | P | P | F-P | P | P | G | P | F | P |
| Sowthistle, annual (A) <i>Sonchus oleraceus</i> | F | F-G | G | P | P | P | G | G | F | G | — | P | G | G | F | F | — |
| Sunflower, wild (A) <i>Helianthus annuus</i> | - | - | — | P | P | P | P | — | — | — | — | P | — | G | G | — | — |
| Thistle, bull (B) <i>Cirsium vulgare</i> | - | - | — | P | P | P | — | — | G | F | — | P | — | — | — | — | — |
| Thistle, Canada (P) <i>Cirsium arvense</i> | - | F | — | P | P | P | P | P | P | P | F | P | P | G | F | P | P |
| FIGWORT | | | | | | | | | | | | | | | | | |
| Mullein, common (B) <i>Verbascum thapsus</i> | - | - | — | P | P | P | — | — | P | — | — | — | — | P | — | F | — |
| Speedwell, birdseye (A) <i>Veronica persica</i> | E | - | — | P | P | P | — | G | P | F | — | G | — | P | F | G | — |
| Speedwell, ivyleaf (A) <i>Veronica hederifolia</i> | - | - | — | P | P | P | — | G | P | F | — | G | — | P | F | G | — |
| Toadflax, yellow (P) <i>Linaria vulgaris</i> | - | - | — | P | P | P | — | — | P | P | — | P | P | P | P | P | — |
| GERANIUM | | | | | | | | | | | | | | | | | |
| Filaree (A) <i>Erodium cicutarium</i> | - | - | — | P | P | P | — | G | F | G | — | F | G | — | — | F | — |
| Geranium, cutleaf (A) <i>Geranium dissectum</i> | - | - | — | P | P | P | — | G | G | G | — | P | G | — | — | G | — |
| Geranium, dovefoot (A) <i>Geranium molle</i> | - | - | — | P | P | P | — | G | G | G | — | P | G | — | — | G | — |
| GOOSEFOOT | | | | | | | | | | | | | | | | | |
| Kochia (A) <i>Kochia scoparia</i> | - | - | G | P | P | P | G | F | F | F | G | G | P | P | F-G | G | G |
| Lambsquarters (A) <i>Chenopodium album</i> | - | F-G | G | P | P | P | G | G | G | G | G | G | G | P | F | G | G |
| Orach, red (A) <i>Atriplex rosea</i> | - | - | — | P | P | P | — | G | G | G | — | G | — | P | F | — | — |
| Thistle, Russian (A) <i>Salsola kali</i> | - | - | G | P | P | P | G | G | P | F | — | F | P | P | F | G | F |

| Weed Family | pyroxasulfone | MCPB | flumioxazin | sethoxydim | quizalofop | clethodim | sulfentrazone | oxyfluorfen | diuron | terbacil | clomazone | trifluralin | napropamide | clopyralid | bentazon | paraquat | pendimethalin |
|---|---------------|------|-------------|------------|------------|-----------|---------------|-------------|--------|----------|-----------|-------------|-------------|------------|----------|----------|---------------|
| GOARD | | | | | | | | | | | | | | | | | |
| Cucumber, western wild (P) <i>Marah oreganus</i> | - | - | — | P | P | P | — | P | P | P | — | P | P | — | P | P | — |
| GRASS | | | | | | | | | | | | | | | | | |
| Barnyardgrass (A) <i>Echinochloa crus-galli</i> | - | P | F | G | G | G | P | F | G | F | G | G | G | P | P | G | G |
| Bermudagrass (P) <i>Cynodon dactylon</i> | - | P | — | F | G | G | P | P | P | P | — | P | P | P | P | P | P |
| Bluegrass, annual (A-P) <i>Poa annua</i> | - | P | — | P | P | G | — | G | G | G | — | G | G | P | P | P | G |
| Bluegrass, Canada (P) <i>Poa compressa</i> | - | P | — | — | — | — | — | P | P | P | — | P | P | P | P | F | P |
| Bluegrass, Kentucky (P) <i>Poa pratensis</i> | - | P | — | F | G | F | — | P | P | P | — | P | P | P | P | F | P |
| Brome, downy (A) <i>Bromus tectorum</i> | - | P | — | P | F-G | F-G | — | — | P | G | F-G | F | G | P | P | G | F |
| Crabgrass, large (A) <i>Digitaria sanguinalis</i> | - | P | F | — | — | — | P | — | — | — | G | — | — | P | — | — | — |
| Fescue, rattail (A) <i>Vulpia myuros</i> | - | P | — | P | P | P | — | F | F-G | G | F-G | G | P | P | P | F-G | — |
| Foxtail, green (A) <i>Setaria viridis</i> | - | P | F | F-G | G | G | P | F | F | F | G | G | F | P | P | G | G |
| Foxtail, yellow (A) <i>Setaria lutescens</i> | - | P | — | G | G | G | P | F | F | F | G | G | G | P | P | G | G |
| Oat, wild (A) <i>Avena fatua</i> | - | P | — | G | G | G | — | F | P | G | — | P | G | P | P | G | G |
| Quackgrass (P) <i>Elytrigia repens</i> | - | P | — | F | G | F-G | P | P | P | G | F-G | P | P | P | P | F | P |
| Ryegrass, Italian (A-B) <i>Lolium multiflorum</i> | E | P | — | G | G | G | — | G | F | F | — | F | F | P | P | G | — |
| Ryegrass, perennial (P) <i>Lolium perenne</i> | - | P | — | G | G | G | — | P | P | P | — | P | P | P | P | F | — |
| Sandbur (A) <i>Cenchrus longispinus</i> | - | P | — | G | G | G | P | — | F | F | — | G | — | P | P | — | G |
| Velvetgrass (P) <i>Holcus lanatus</i> | - | P | — | F-G | P | F-G | — | P | P | G | — | P | P | P | P | F | — |
| Wheat, volunteer (A) <i>Triticum aestivum</i> | - | P | — | G | G | G | — | — | P | F | G | P | F | P | P | G | — |
| Witchgrass (A) <i>Panicum capillare</i> | - | P | — | G | G | G | — | F | P | G | — | G | G | P | P | G | — |
| HORSETAIL | | | | | | | | | | | | | | | | | |
| Horsetail, field (P) <i>Equisetum arvense</i> | - | - | — | P | P | P | — | — | P | P | — | P | P | P | P | P | P |
| KNOTWEED | | | | | | | | | | | | | | | | | |
| Buckwheat, wild (A) <i>Polygonum convolvulus</i> | - | - | — | P | P | P | — | G | G | G | — | G | — | G | G | — | — |
| Dock, broadleaf (P) <i>Rumex obtusifolius</i> | - | - | — | P | P | P | — | — | F** | G** | — | F | — | F | — | — | — |
| Knotweed, prostrate (A) <i>Polygonum aviculare</i> | - | - | — | P | P | P | — | G | F | G | — | G | F | F | F | — | — |
| Ladysthumb (A) <i>Polygonum persicaria</i> | - | F-G | G | P | P | P | G | G | F | G | — | G | — | F-G | G | — | — |

| Weed Family | pyroxasulfone | MCPB | flumioxazin | sethoxydim | quizalofop | clethodim | sulfentrazone | oxyfluorfen | diuron | terbacil | clomazone | trifluralin | napropamide | clopyralid | bentazon | paraquat | pendimethalin |
|--|---------------|------|-------------|------------|------------|-----------|---------------|-------------|--------|----------|-----------|-------------|-------------|------------|----------|----------|---------------|
| Sorrel, red (P) <i>Rumex acetosella</i> | E | - | — | P | P | P | — | — | G** | G** | — | F | — | G | F | — | — |
| LEGUME | | | | | | | | | | | | | | | | | |
| Clover, hop (A) <i>Trifolium dubium</i> | - | - | — | P | P | P | — | G | — | — | — | — | — | G | P | — | P |
| Clover, white (P) <i>Trifolium repens</i> | - | - | P | P | P | P | — | G | P | — | — | P | P | G | P | P | P |
| Vetch, common (A) <i>Vicia sativa</i> | - | - | — | P | P | P | — | G | P | — | — | P | — | G | P | — | P |
| Vetch, hairy (A) <i>Vicia villosa</i> | - | - | — | P | P | P | — | G | P | — | — | P | — | G | P | — | P |
| LILY | | | | | | | | | | | | | | | | | |
| Garlic, volunteer (P) <i>Allium sativum</i> | - | - | — | P | P | P | — | P | P | F | — | P | P | P | P | G | — |
| Garlic, wild (P) <i>Allium vineale</i> | - | - | — | P | P | P | — | P | P | P | — | P | P | P | P | G | — |
| MADDER | | | | | | | | | | | | | | | | | |
| Bedstraw, catchweed (A) <i>Galium aparine</i> | - | - | G | P | P | P | G | G | P | P | — | F | — | P | F | P | P |
| Madder, field (A) <i>Sherardia arvensis</i> | - | - | — | P | P | P | — | — | — | — | — | — | — | P | — | — | — |
| MALLOW | | | | | | | | | | | | | | | | | |
| Mallow, common (A-B) <i>Malva neglecta</i> | - | - | F-G | P | P | P | F-G | G | P | G | G | P | G | — | G | F | P |
| MINT | | | | | | | | | | | | | | | | | |
| Deadnettle, red (A) <i>Lamium purpureum</i> | - | - | — | P | P | P | — | G | G | F | — | G | P | — | F | G | — |
| Henbit (A) <i>Lamium amplexicaule</i> | - | - | — | P | P | P | — | G | G | F | G | G | P | — | F | G | G |
| MORNINGGLORY | | | | | | | | | | | | | | | | | |
| Bindweed, field (P) <i>Convolvulus arvensis</i> | P | F | — | P | P | P | F | P | P | P | F | P | P | P | P | P | P |
| MUSTARD | | | | | | | | | | | | | | | | | |
| Bittercress, little (A) <i>Cardamine oligosperma</i> | G | — | — | P | P | P | — | G | G | G | — | P | G | P | — | G | P |
| False flax, small seed (A) <i>Camelina microcarpa</i> | - | — | — | P | P | P | — | — | G | G | — | P | — | — | — | — | — |
| Flixweed (A) <i>Descurainia sophia</i> | - | — | G | P | P | P | G | G | G | G | — | P | F | P | G | G | P |
| Mustard, blue (A) <i>Chorispura tenella</i> | - | — | — | P | P | P | — | G | — | P | — | P | — | P | P | P | P |
| Mustard, hedge (A) <i>Sisymbrium officinale</i> | - | — | F | P | P | P | F | — | G | G | F-G | P | — | P | — | — | — |
| Mustard, tall hedge (A) <i>Sisymbrium loeselii</i> | - | — | F-G | P | P | P | P | F-G | F | F | G | P | — | F | — | F-G | — |
| Mustard, tansy (A) <i>Descurainia pinnata</i> | - | — | — | P | P | P | — | G | G | G | — | P | — | P | — | G | — |
| Mustard, tumble (A) <i>Sisymbrium altissimum</i> | - | — | G | P | P | P | F | G | G | G | G | P | — | P | — | — | — |
| Pepperweed, field (A) <i>Lepidium campestre</i> | - | — | — | P | P | P | — | — | G | G | — | P | — | — | G | G | — |

| Weed Family | pyroxasulfone | MCPB | flumioxazin | sethoxydim | quizalofop | clethodim | sulfentrazone | oxyfluorfen | diuron | terbacil | clomazone | trifluralin | napropamide | clopyralid | bentazon | paraquat | pendimethalin |
|---|---------------|------|-------------|------------|------------|-----------|---------------|-------------|--------|----------|-----------|-------------|-------------|------------|----------|----------|---------------|
| Pepperweed, yellowflower (A) <i>Lepidium perfoliatum</i> | - | — | — | P | P | P | — | G | G | G | — | P | — | — | G | G | — |
| Shepherdspurse (A) <i>Capsella bursa-pastoris</i> | - | — | G | P | P | P | G | G | G | G | — | P | P | P | G | G | — |
| Turnip, wild (A) <i>Brassica campestris</i> | - | — | — | P | P | P | — | G | G | G | — | P | P | P | F | G | — |
| NIGHTSHADE | | | | | | | | | | | | | | | | | |
| Nightshade, black (A) <i>Solanum nigrum</i> | - | - | G | P | P | P | G | G | G | G | — | P | — | G | P | — | F |
| Nightshade, cutleaf (A) <i>Solanum triflorum</i> | - | - | G | P | P | P | G | — | G | G | — | P | — | G | — | — | F |
| Nightshade, hairy (A) <i>Solanum sarrachoides</i> | - | - | G | P | P | P | G | G | G | G | — | P | P | G | G | — | F |
| PHLOX | | | | | | | | | | | | | | | | | |
| Polemonium, annual (A) <i>Polemonium micranthum</i> | - | - | — | P | P | P | — | — | G | G | — | — | — | — | — | G | — |
| PINK | | | | | | | | | | | | | | | | | |
| Chickweed, common (A) <i>Stellaria media</i> | - | - | G | P | P | P | — | F | G | G | — | G | G | P | G | G | — |
| Chickweed, jagged (A) <i>Holosteum umbellatum</i> | - | - | — | P | P | P | — | P | G | G | — | G | G | P | — | G | — |
| Chickweed, mouseear (P) <i>Cerastium vulgatum</i> | - | - | G | P | P | P | — | F | G | G | — | G | G | P | G | G | — |
| Chickweed, sticky (A) <i>Cerastium viscosum</i> | - | - | G | P | P | P | — | F | G | G | — | G | G | P | G | G | — |
| PRIMROSE | | | | | | | | | | | | | | | | | |
| Willowweed, panicle (A) <i>Epilobium paniculatum</i> | E | - | — | P | P | P | — | — | G | G | — | — | P | — | — | G | — |
| PURSLANE | | | | | | | | | | | | | | | | | |
| Minerslettuce (A) <i>Montia perfoliata</i> | - | - | — | P | P | P | — | — | G | G | — | F | P | — | — | G | — |
| Purslane, common (A) <i>Portulaca oleracea</i> | - | - | — | P | P | P | — | G | G | G | G | G | G | — | G | — | G |
| ROSE | | | | | | | | | | | | | | | | | |
| Cinquefoil, silverweed (P) <i>Potentilla anserina</i> | - | - | — | P | P | P | — | — | P | F | — | — | — | — | — | — | — |
| Ladysmantle, western (A) <i>Alchemilla occidentalis</i> | - | - | — | P | P | P | — | G | G | G | — | — | — | P | — | G | — |
| ST. JOHNSWORT | | | | | | | | | | | | | | | | | |
| St. Johnswort (P) <i>Hypericum perforatum</i> | E | - | — | P | P | P | — | — | P | P | — | P | P | — | — | P | — |
| SEDGE | | | | | | | | | | | | | | | | | |
| Nutsedge, yellow (P) <i>Cyperus esculentus</i> | - | - | P | P | P | P | F-G | P | P | G | — | P | P | P | F | G | P |
| VIOLET | | | | | | | | | | | | | | | | | |
| Pansy, field (P) <i>Viola arvensis</i> | - | - | — | P | P | P | — | — | P | P | — | P | — | P | P | P | P |

E = excellent

G = good

F = fair

P = poor

— = no information