

**What herbicide
to use for various
weeds.** - Bill
Kleiman
Sorted by
common name

Bill Kleiman June 22,
2020

| Weed common | Weed Scientific | Herbicide & Strategy | Comments | Importance and Difficulty |
|--------------------------------|------------------------------------|---|---|---|
| asian bushclover | Lespedeza daurica | triclopyr works so Crossbow, Element 3A. Dow says use: Milestone, PastureGard HL, Garlon 4 Ultra water solution. Saxton uses 1-2 oz/g G4 in water on Lespedeza cuniata. Spot spray in June sweeps once plant is noticeable. Continue sweeps through July and into August. BK found 1% Milestone browned out L daurica 2019. | transline does <u>not</u> work on Lespedeza. Hamilton uses Remedy(triclopyr) on L cuneata in summer and Cimarron Plus (metsulfuron met met..)in early fall. | High. Hard to find and keeps coming up from the seed bank. Search before vegetation obscures is a challenge. Follow map. |
| autumn olive, russian olive | Elaegnus umbellata. E angustifolia | triclopyr works: basal bark Garlon4, foliar triclopyr too so use Crossbow, element 3A | basal bark works well | High. Once established they become abundant. |
| birdsfoot trefoil | Lotus corniculatus | Crossbow, Milestone (has residual), Transline, Element 3A. Spot spray plants. Boom large depauperate areas. | | High. Seeds last a long time and emerge annually for years after adults are all gone. Need multiple visits per site annually. |

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| black locust | Robinia pseudoacacia | Milestone appears to work well. Walters found 20% basal bark G4 killed 100%, and can use 2% Transline w 0.6 oz/g surfactant on small re-sprouts. Foliar dilute Roundup on all leaves works said Bill Glass. | At CCK planting there is amorphia bush which looks similar but no thorns, prickly ash has paired thorns but they are a small shrub w/ straight out w reddish hairs in leaf scar, and C milkvetch is a similar but not woody. | Medium. Big clones are lot of mass and resprout easily. |
| bouncing bet | Saponaria offinalis | Walters uses tricopyr and 24D (amine or ester depending on situation) Use 6 oz per gallon Crossbow and have generous amount of MSO for waxy leaves. G3A or glyphosate might work fine. Spray early in bloom or before bloom. Try Telar XP (Hauser)works well and has residual. Bernie used 6ml (0.2 oz) Telar in 2 g water. | Add surfactant to get past wax. Requires multiple returns. Get all rosettes. | Medium. Seed bank is long lasting and plants hard to get at on creek banks. |
| briars | Rubus sp. | Krenite in fall. | | Low. Annoyance on fire breaks. |
| buckthorn | Rhamnus | basal barn Garlon 4, foliar Crossbow or Element 3A. Basal bark is an efficient method. | basal bark works well | Low. Our sandy silt loams don't support it well. |
| butter and eggs | Linaria vulgaris | Alligare Panoramic 2 SL(Imazapic). 24D (Hauser expects Milestone <u>not</u> to work on this scroph.) Crossbow might be working. Mn website says 24D works so Crossbow should work. Dow says Milestone for Linaria dalmatica. | | Medium since we have just a few outbreaks, but they have persisted our spraying. |
| chamomile | Anthemis cotula? | Likley Crossbow will work. | by corral | unknown |
| Common St Johnswort | Hypericum perforatum | Milestone, Opensight | Learn the native St Johnsworts before | Low. |

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| cow Vetch | Vicia cracca | Milestone, Transline. | | Low. Nuisance. |
| crown vetch | Coronilla varia | Milestone 1% seems to be only one working. Have tried Transline. | Check annually. Spray twice a year might do it. | Medium. Few patches here but hard to extinguish. |
| dames rocket | | 3% Amine triclopyr w surfactant | Spray fall to early spring rosettes (B Walters 2016) | Low. Gregarious but not spreading. |
| day lilly | Hemerocallis fulva | Kleiman and Walters using 3% glyphosate with 2% Habitat on these monocots like Scilla. | Add surfactant to get past wax. Requires multiple returns. Know native blue flag iris. | Medium. Requires numerous returns. |
| honeysuckle or Amur honeysuckle | Lonicera maackii is what we tend to have | Apply to bark (basal bark) Garlon 4 works. Or 40% Roundup or 17% garlon 4 on cut stems. Foliar 5% Roundup on resprouts after fire works well too, before plants become taller than a foot for overspray control. Foliar Progency at 4 oz per gallon water and add 0.5% MSO. Progeny is MCPA, triclopyr and dicamba. Order from CPS. Bryon W says use Chem 90 surfactant at 0.25-0.50%. MSO rarely used. Says literature supports Chem 90 style surfactants. Walters says Escort at end of summer works. | Dormant season basal bark gives excellent control | High. |
| hounds tongue | Cynoglossum officinale | Crossbow should work, Milestone. | | Low. Nuisance. |
| king devil | Hieracium pratense | Crossbow or Element 3a, Milestone. Look for nearby rosettes. Transline supposed to work before bolting. | Haul out flower in a bag. Dispose in kitchen trash. | Medium. Seed blow in the wind and hard to find them all annually. |
| leafy spurge | Euphorbia eschella | Panoramic [imazapic] Apply in spring blooms and return in fall. This is not imazapyr. See article. Dow suggests Tordon. Walters uses recommended 10% glyphosate. | blooms May and late August | High. Hard. We have few of them but keeps coming back. They are on right of ways north of us. |

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| mulberry | Morus alba | Garlon 4 works well. triclopyr so Crossbow or Element 3A | transline does not work. Basal bark does. | Low. A problem in certain areas where it is abundant. |
| oxe eye daisy | Leucanthemum vulgare, Chrysanthemum v. | Metsulfurone (Escort), Aminopyralid (Milestone), Aminopyralid + 2,4 D, picloram(Tordon), Transline?, Clopyralid + 2,4-D. I see Trcopyr listed but not % success. Maybe Crossbow works. | perennial | Medium. |
| phragmites | Phragmites australis | Walters using 3% aquatic glyphosate (Rodea or Aqua Neat) plus 2% imazapyr (Habitat or Polaris) plus 1/2% Aqua King surfactant. | | Low as we have none currently, but it was hard to eradicate. |
| poison hemlock | Conium maculatum | Dow suggests Opensight. Telar XP works well (Hauser). Spray before flower if possible. Crossbow seems to work but before late bloom. | Blooms in June | increasing on Franklin Creek |
| red clover | Trifolium pratense | Transline, Crossbow, Element 3A | Transline works well. | A problem in new prairie plantings. |
| reed canary grass | Phalaris arundinacea | We use clethodin (Intensity). We have used aquatic glyphosate in dense stands. Walters uses 2% aquatic glyphosate with 1% imazapyr (Habitat or Polaris). Craig Annen uses ReQuest agent for neutral pH and to offset hard water. Walters using Habitat only over water as it is approved and works great 2016. | Grass herbicides way to go as sedges and forbs come back strong. But monocultures could be sprayed with glyphosate. See GRN posts by Walters and Mason. | Hard. Requires annually work. |
| Rubus | Rubus sp. | Milestone, Opensight, Garlon 4 Ultra, Krenite. | | Control only on fire breaks |
| Sericea lespedeza | Lespedeza cuneata | Pastureguard HL gave best results. (Pastureguard is triclopyr ester and fluroxypur ester.) | https://weedscience.missouri.edu/weedtrials/pdfs/sericea.pdf | We have few, but a difficult plant to control when abundant. |
| spotted knapweed | Centaurea maculata | Milestone. Opensight. Transline. Have used Crossbow. | | Medium. We eradicated it, or almost, at HLP. |

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| sweet clovers | Melilotus alba/officinalis | Crossbow, Milestone, Transline, Element 3A. Spade out plants anytime. Haul plants after flowering is over to remove seed source. Spray plants under two foot tall. Mow big patches when in full bloom. | Walters says Transline works well. We often use Transline until plants are robust then move to Crossbow or G3A. | Hard. Long seed bank. |
| teasel | Dipsacus | Walters says use Transline. BK notes you can pull them. | | |
| wafer ash | Ptelium vir | Milestone says Cody | basal bark works well | Native. Usually left alone. |
| wild chervil | Anthriscus sylvestris | Transline says Ben Habethur. | | At Soderholms |
| wild parsnip | Sativa pastinaca | Element 3A before it bolts, spade it after. Dow suggests Opensight. Spading works great but haul out plants after full flowering or you may get seed set. Mow it after it bolts helps. | Sap on skin gives sun burn boils. | Low. |
| willow | Salix sp. | Cut and treat stems 50% glyphosate. Basal bark G4 should work. Foliar G3 or Crossbow. | | Low, but dense stands hard to manage. |
| wild marjorum | Origanum vulgare | Milestone appears to do nothing to this mint. BK applied Crossbow 7/22/19 and expects kill. | Exotic, oregano from Europe | It is very dense where I found it so would rather not let it go all over. |