

Timing	Alfalfa Growth Stage	Herbicides	Weed Growth Stage	Weeds	Considerations (Read Label !)	SOA
Pre-plant burndown, At-plant burndown	Pre-plant / At-plant burndown, or application on established stands during the dormant period	Gramoxone Inteon [®] SOA Code: 22	Actively growing weeds and grasses	Non-selective broad spectrum	70 day harvest restriction, only one application per season, with varying regional restrictions	22
Pre-plant burndown, At-plant burndown	Pre-plant/At-plant burndown	Roundup [®] SOA Code: 9	Actively growing weeds and grasses	Non-selective broad spectrum	Application must be made prior to crop emergence	9
Pre-Plant Incorporated	Pre-Emergence	Balan [™] Eptam [®] SOA Code: 8	Germinating broadleaf seeds and emerging seedlings	Broad spectrum broadleaf control	Soil incorporation or chemigation needed to distribute herbicide in top few inches of soil	8
Early Postemergence	Seedling alfalfa at least 2 trifoliolate leaf stage in West, 4 trifoliolate in East	Buctril [®] Maestro [®] SOA Code: 6	Broad spectrum broadleaf control of small weeds up to 2 inches tall	Broad spectrum broadleaf control	Suitable for use in small grain nurse crop. Temperatures over 70 degrees F within 3 days of application can cause crop burn, 30-60 day harvest restriction	6
Postemergence	Seedling or emerged alfalfa	Butyrac [®] SOA Code: 4	Small broadleaf control, with suppression of some larger broadleaves	Broad spectrum broadleaf control	30 day harvest restriction for established alfalfa, 60 day harvest restriction for seedling alfalfa, can be tank-mixed with Buctril [®] or Poast [®] for additional broadleaf and grass control	4
Postemergence	Seedling and established alfalfa	Poast [®] SOA Code: 1	Actively growing grasses, tallest height controlled varies by grass species, generally 8 inches	Annual and perennial grasses	Harvest restriction 7 days before grazing, 14 days before cutting for hay/haylage, best control before mowing grasses	1
Postemergence	Seedling and established alfalfa	Select Max [®] SOA Code: 1	Actively growing grasses, generally 2-6 inches in height	Annual and perennial grasses	Harvest restriction 15 days, best control before mowing grasses	1
Early Postemergence and established stands	Seedling alfalfa at least 2 trifoliolate leaf stage, or less than 3 inches of regrowth in established stands	Pursuit [®] Raptor [®] SOA Code: 2	Emerged weeds up to 3" for most species	Broad spectrum broadleaf and grass control	30 day harvest restriction	2
Early Postemergence and established stands	Seedling and established alfalfa	Prowl [®] H ₂ O SOA Code: 3	Controls weed seedlings during sprouting and prior to emergence	Most annual grasses and some broadleaf weeds	In seedling alfalfa apply after second trifoliolate but before 6" plant height. Established alfalfa up to 10 inch plant height. Additional restrictions on label.	3
Early Postemergence and established stands	Seedling and established alfalfa	Warrant [®] SOA Code: 15	Controls weed seedlings during sprouting and prior to emergence	Annual grasses and broadleaf weeds, will not control emerged seedling plants	Wait a minimum of 20 days after application before cutting for forage or hay, or before open grazing of forage by livestock.	15
Postemergence	Seedling and established alfalfa, 3rd trifoliolate stage or later, <u>only for alfalfa varieties with Roundup Ready[®] technology.</u>	Roundup Original Max [™] , PowerMax [®] or Weathermax [®] SOA Code: 9	Actively growing weeds and grasses	Broad spectrum of annual and perennial broadleaves and grasses	Do not apply within five days of harvest, aim for first application at 3-4 trifoliolate leaf stage for best early weed control and null plant take-out, no rotational restrictions	9
Postemergence	Established stands, not more than 6 inch crop height	Chateau [®] SOA Code: 14	Emerged seedlings not exceeding 1-3 inches in height	Broadleaf and some annual grass control including cheatgrass	25 day harvest restriction, up to 12 month rotation interval	14
Postemergence	Established stands, application post-cutting	Solicam [®] SOA Code: 1	Preemergent weed control in established alfalfa	Broad spectrum of annual and perennial broadleaves and grasses	Apply after cutting in stands established more than three months; 28 day harvest restriction	1
Fall and early winter postemergence	Apply in fall/winter months to established alfalfa, or late summer seedlings after first trifoliolate stage.	Kerb [®] SOA Code: 3	Controls germinating seeds and emerging seedlings	Annual and perennial grasses, including cheatgrass	25-45 day harvest restriction, Apply during cool temperatures above freezing, up to 55-60 degrees F	3
Dormant Application	Established stands, application during winter dormant period	Velpar [®] SOA Code: 5	Pre-emergence and early growth up to 2 inches in height or diameter	Non-selective broad spectrum	12 month minimum rotation interval to corn and root crops, 24 months for most other crops	5
Dormant Application	Established stands, application during winter dormant period	Velpar [®] Alfamax [™] Gold SOA Code: 5, 6, 7	Pre-emergence and early growth up to 2 inches in height or diameter	Non-selective broad spectrum	12 month rotation interval to corn and root crops, 24 months for most other crops	5
Dormant Application	Established stands, Application during dormant period or just after cutting	Eptam [®] SOA Code 8	Germinating broadleaf seeds and emerging seedlings	Broad spectrum broadleaf control	14-21 day harvest restrictions, Chemigation needed to carry herbicide into top few inches of soil	3
Dormant Application	Established stands, Application during dormant period or just after cutting	Treflan [™] SOA Code 3	Germinating broadleaf seeds and emerging seedlings	Broad spectrum broadleaf control	14-21 day harvest restrictions, Chemigation needed to carry herbicide into top few inches of soil	3
Dormant Application	Established stands, application during winter dormant period	Diuron SOA Code 7	Pre-emergence and early growth up to 2 inches in height or diameter	Annual grass & broadleaf weeds	Two year rotation interval to other crops unless earlier interval indicated on the herbicide label for some states.	7
Dormant Application	Established stands, during winter dormant period	Sinbar [®] SOA Code: 5	Pre-emergence and early growth up to 2 inches in height or diameter	Seedling annual weeds	24 month rotation interval	5
Dormant Application	Established Stands, in the spring before alfalfa growth	Roundup OriginalMax [™] or PowerMax [®] SOA Code: 9	Apply to actively growing weeds	Control or suppress many weeds including quackgrass, downy brome & cheatgrass	Supplemental labels refer to a training requirement, 36 hour grazing restriction	9

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From top to bottom, this list progresses from pre-emergence to post-emergence, and finally to established stands, including dormant period applications