

Herbicide*	A.I	SOA	Activity	Soil Active	Foliar Active	Alfalfa Growth Stage	Weeds Height	Product Rate	Rate (lbs a.i./A)	Cost (\$ / acre) ***
<b>Pre-plant Burndown (Before planting or crop emergence)</b>										
Shark EW	carfentrazone	14	Contact	No	Yes	-	< 2"	1.0 - 2.0 fl oz/A	0.24 to 0.47	\$7 to \$14
RoundUp Powermax	glyphosate	9	Systemic	No	Yes	-	< 6"	22 - 44 fl oz/A	0.77 to 1.55	\$6 to \$12
Gramoxone SL	paraquat	1	Contact	No	Yes	-	< 2"	1.0 - 2 pts/A	0.25 to 0.49	\$3 to \$6
<b>Pre-plant Incorporated</b>										
Treflan HFP	trifluralin	3	Systemic	Yes	No	-	-	1.0 - 1.5 pts/A	0.5 to 0.75	\$8 to \$13
Balan	benfenin	3	Systemic	Yes	No	-	-	2.0 - 2.5 lbs/A	1.2 to 1.5	\$40 to \$50
Eptam 20-G, Eptam 7E	EPTC	15	Systemic	Yes	No	-	-	2.25 - 4.5 pts/A	1.97 to 3.94	\$20 to \$40
<b>Post-plant, Postemergence of weeds</b>										
Butyrac 200	2,4-DB	4	Systemic	No	Yes	Minimum of 2 trifoliolate leaves	< 3"	2 - 6 pts/A	0.5 to 1.5	\$6 to \$17
Maestro 2EC, Moxy 2E	bromoxynil	6	Contact	No	Yes	Minimum of 4 trifoliolate leaves	< 2"	1.0 - 1.5 pts/A	0.25 to 0.375	\$7 to \$11
Eptam 20-G, Eptam 7E	EPTC	15	Systemic	Yes	No	Chemigate following planting prior to weed emergence	Before germination	2.25 - 4.5 pts/A	1.97 to 3.94	\$20 to \$40
RoundUp Powermax	glyphosate	9	Systemic	No	Yes	From emergence up to 5 days before first cut	< 6"	22 - 44 fl oz/A	0.77 to 1.55	\$6 to \$12
Velpar DF CU **	hexazinone	5	Systemic	Yes	Some	Fall planted with sixth trifoliolate leaf, multiple stems and root length > 6'	< 2 "	1.0 - 2.0 pts/A	0.25 to 0.49	\$13 to \$26
Raptor	imazamox	2	Systemic	Some	Yes	Minimum of 2 trifoliolate leaves	< 3 "	4.0 - 6.0 fl oz/A	0.031 to 0.047	\$15 to \$22
Pursuit	imazethapyr	2	Systemic	Yes	Yes	Minimum of 2 trifoliolate leaves	< 3 "	3.0 - 6.0 fl oz/A	0.047 to 0.09	\$6 to \$13
Kerb	pronamide	3	Systemic	Yes	Some	Minimum of 1 trifoliolate leaves	Before germination	1.0 to 4.0 lbs/A	0.5 to 2.0	\$67 to \$267
Gramoxone SL	paraquat	22	Contact	No	Yes	Minimum of 3 trifoliolate leaves	1-3"	1.0 - 2 pts/A	0.25 to 0.49	\$3 to \$6
Prowl H2O	pendimethalin	3	Systemic	Yes	No	After 2nd trifoliolate leaf stage and before 6 " in growth	Before germination	1.1 to 2.1 pts/A	0.52 to 0.99	\$7 to \$13
Poast	sethoxydim	1	Systemic	No	Yes	Minimum of 1 trifoliolate leaves	2-6 "	0.5 - 2.5 pts/A	0.09 to 0.47	\$7 to \$34
Select Max	clethodim	1	Systemic	No	Yes	Minimum of 1 trifoliolate leaves	2-6 "	0.75 t 2.0 pts/A	0.09 to 0.242	\$11 to \$30

\* Herbicides rates provided here are just general guidelines. Always follow label use directions to optimize weed control and avoid possible crop injury.

\*\* In CA, fall planted alfalfa may be treated in the following winter months with Velpar DF CU at 1/3 to 2/3 lbs ai per acre if certain conditions are met (see label for detailed instructions)

\*\*\* Overall idea. Based on **full retail price** at the indicated rates range.