

## Herbicides labeled in hops in Idaho, Oregon, and Washington

Active Ingredient (WSSA group) <sup>1</sup> [trade name]	Rate (product/A)	Max use in 12 month period (product/A)	Application per season/ (Reapplication interval)	Minimal Age (Month)	Replant (Month)	Soil incorporation IN/ (Day)	PHI (Day)
Preemergence							
dimethenamid (15) [Outlook]	0.56 to 1 lb ai (12 to 21 oz)	1 lb ai (21 oz)	1 / (NA)	0	6 to 9		60
flumioxazin (14) [Chateau SW]	0.19 lb ai (6 oz/A)	0.19 lb ai (6 oz/A)	-	--	12	0.5"/ (-)	30
indaziflam (29) [Alion]	0.04 to 0.13 lb ai (3.5 to 10 fl oz)	0.09 to 0.13 lb ai (7 to 10 fl oz)	2 / (6 months)	12	-	- / (21)	NA
isoxaben (21) (Trellis SC)	0.5 to 1 lb ai (16 to 31 fl oz)	1.0 lb ai (31 fl oz)	2 / (-)	0	0	0.5"/ (21)	60
norflurazon (12) [Solicam DF]	2 to 4 lb ai (2.5 to 5 lb)	2 to 4 lb ai (2.5 to 5 lb)	1 / (NA)	0	12	0.5-1"/ (28)	60
pendimethalin (3) [Prowl H2O]	1 to 4 lb ai (1.1 to 4.2 quarts)	4 lb ai (4.2 quarts)	2 / (30 days)	0	12-20	1"/ (-)	90
trifluralin (3) [Treflan 4D]	0.5 to 0.75 lb ai [1 to 1.5 pints]	0.5 to 0.75 lb ai [1 to 1.5 pints]	1 / (NA)	12	5	- / (1)	NA
Postemergence							
2,4-D (4) [various]	0.48 lb ae (1 pint)	1.43 lb ae (3 pints)	3 / (30 day)	n/a	-	n/a	28
Bicyclopyrone (27) [Optogen]	0.045 lb ai/A (3.5 fl oz)	0.045 lb ai/A (3.5 fl oz)	1/(365 day)	12	18	n/a	30
glyphosate (9) [various]	0.38 to 3.68 lb ae (see label)	7.87 lb ae (see label)	- / (14 days)	-	-	n/a	14
glufosinate (10) [Rely 280]	0.58 to 1 lb ai/A (32-55 fl oz)	3 lb ai/A (165 fl oz)	3/(25 day)	12	-	n/a	25
capric + caprylic acid (17) [Suppress EC]	3 to 9% v/v (varies by spray vol.)	n/a	n/a	n/a	n/a	n/a	1
carfentrazone (14) [Aim EC]	0.03 lb ai (2 fl oz)	0.12 lb ai (7.6 fl oz)	- / (14 days)	-	-	n/a	7
clethodim (1) [various]	0.068 to 0.12 lb ai (see label)	0.5 lb ai (see label)	- / (14 days)	-	-	n/a	21
clopyralid (4) [Stinger]	0.125 to 0.25 lb ae (0.33 to 0.67 pint)	0.25 lb ae (0.67 pint)	2 / (21 days)	-	12	n/a	30

paraquat (22) [Gramoxone SL]	0.5 lb ai (2 pints)	1.5 lb ai (6 pints)	3 / (-)	-	-	n/a	14
pelargonic Acid (17) [Scythe]	3 to 10% v/v (varies by spray vol.)	n/a	n/a	n/a	n/a	n/a	1
pyraflufen (14) [Venue]	0.004 to 0.005 lb ai (4 fl oz)	0.01 lb ai (8 fl oz)	2 / (30 days)	-	-	n/a	30

<sup>1</sup>WSSA group - Weed Science Society of America herbicide site of action group number.  
(n/a) – not applicable, (-) no information available.