

Summary of herbicides registered on hops in Wisconsin

A number of herbicides are registered on hops in the Pacific Northwest only. This guide contains only herbicides that are registered for use on hops in Wisconsin. The information contained within is current as of November 2013. Pesticide labels change often. This guide is not a substitute for the label. Always read the pesticide label prior to use.

Rate/a of active ingredient	Rate/a of commercial product	Days to harvest	Remarks and suggestions
glyphosate	Several trade names – consult labels	14	Apply to actively growing weeds as a row middle, shielded, wiper, directed or spot treatment application. Glyphosate will injure or kill hops. Do not allow contact of spray with green hop stems or foliage
2 – 4 lb ai norflurazon	2.5 – 5.0 lbs Solicam DF	60	Controls several broadleaves and grasses. Wait at least 6 months after planting hops before applying. Apply to clean soil surface either in fall after tillage or in spring. Use lower rate on coarse soils and higher rate on fine soils.
3 - 10% v/v perlagonic acid	Rate varies with application output Scythe		Apply in a total water volume of 75 to 200 GPA as a spot treatment, directed or shielded application for non-selective broadleaf weed control. Avoid contact of spray with desirable foliage. Consult label for rate determination. For sucker control apply only to unwanted vegetative plant parts.
0.5 – 0.75 lb ai trifluralin	1.0 – 1.5 pt/a (4 lb EC) 5.0 – 7.5 lb/a (10G) Several trade names		Apply and incorporate 1-2 inches within 24 hours of application, to dormant established crop. Do not spray over hop crowns. Will not control emerged weeds.
0.48 lb ae 2,4-D Amine	1.0 pt/a Several trade names	28	Make directed applications to row middles for control of small broadleaf weeds. Up to three applications per season are allowed with at least 30 days between applications. Avoid drift – do not allow spray to contact hop foliage or apical buds.
0.068-.12 lb ai clethodim	9.0 – 16.0 oz/A Several trade names	21	Apply to actively growing grasses, including 0.25% v/v non-ionic surfactant in mix. Rate is dependent upon targeted grass species. Wait at least 14 days between applications and do not exceed 64 fl oz/A per season.
0.19 lb ai Flumioxazin	6.0 oz/A Several trade names	30	Some formulations are not labeled in Wisconsin – read label carefully. Do not apply more than 6 oz during a single application or a single growing season. Preemergence Weed Control – Apply as a band to each side of hop row to dormant hops January thru March. Sucker Control – Apply to the lower 2 feet of the hops after plants have reached a minimum of 6 feet in height.