

# Tree Fruits and Nuts

Pome fruits: apples and pears

Stone fruits: apricots, peaches, nectarines, cherries, prunes, plums

Nuts: hazelnuts, walnuts, and chestnuts

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Revised March 2018

## Quick Reference Guide to Herbicides Labeled for Use in Fruit and Nut Crops

- Shaded boxes indicate the herbicide is labeled for use in that crop.
- Nonbearing (NB) indicates the herbicide is labeled only for crops that will not be harvested for 1 year (365-day preharvest interval).
- Herbicides in **bold, italic** type are recommended for new plantings.

Ingredient common name (herbicide mode of action)	Product name example	Nuts			Pome fruit		Stone fruit						Rate
		Chestnut	Hazelnuts	Walnut	Apple	Pear	Apricot	Cherry	Nectarine	Peach	Plums	Prunes	
1. Applications that are soil active (herbicides in italics and bold are recommended for new plantings)													
diuron (7)	Karmex												1.6 to 3.2 lb ai/A (2 to 4 lb/A Karmex 80DF)
dichlobenil (20)	Casoron												4 to 6 lb ai/A (100 to 150 lb/A Casoron); apply in cold and wet weather.
<i>isoxaben</i> (21)	Trellis SC				NB	NB	NB	NB	NB	NB	NB	NB	0.5 to 1 lb ai/A (0.66 to 1.33 lb/A product)
indaziflam (29)	Alion												0.046 to 0.085 lb ai/A (3.5 to 6.5 oz/A product) depending on soil texture.
<i>mesotrione</i> (27)	Broadworks												0.093 to 0.187 lb ai/A (3 to 6 fl oz/A product)
<i>napropamide</i> (3)	Devrinol												4 lb ai/A (8 lb/A)
norflurazon (12)	Solicam												1.95 to 3.98 lb ai/A (2.5 to 5 lb/A Solicam)
<i>oryzalin</i> (3)	Surflan												2 to 6 lb ai/A (2 to 6 quarts/A Surflan)
<i>pendimethalin</i> (3)	Prowl												Prowl H <sub>2</sub> O: 1.9 to 6 lb ai/A (2 to 6.3 quarts/A) depending on desired length of weed control and crop.
<i>pronamide</i> (3)	Kerb												1 to 4 lb ai/A (2 to 8 lb/A) depending on species present and soil texture.
simazine (5)	Princep												See product label for rates. Princep Caliber 90 is a Special Local Needs label (OR-080038) for sweet cherries only.
sulfentrazone (14)	Zeus XC/Petra 4SC												0.125 to 0.375 lb ai/A (4 to 12 oz/A) depending on soil classification; established 3 years.
terbacil (5)	Sinbar WDG				NB		NB	NB				NB	0.4 to 0.8 lb ai/A (0.5 to 1 lb/A), newly established; 2 to 4 lb/A Sinbar, bearing, depending on soil type.
<i>trifluralin</i> (3)	Treflan 4L/EC		NB										0.5 to 1 lb ai/A (1 to 2 pints/A Treflan 4L)
trifluralin (3)+ isoxaben (21)+ oxyfluorfen (14)	Showcase	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	2.5 to 5 lb ai/A (100 to 200 lb/A Showcase)

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2. Applications that are soil and foliar active													
flazasulfuron (2)	Mission												0.033 to 0.045 lb ai/A (2.14 to 2.85 oz/A)
flumioxazin (14)	Chateau SW/WDG												0.188 to 0.38 lb ai/A (6 to 12 oz/A Chateau WDG). Slight differences in rates and uses in SW and WDG labels.
oxyfluorfen (14)	Goal 2XL												1.25 to 2 lb ai/A (5 to 8 pints/A Goal 2XL)
oxyfluorfen (14) + penoxsulam (2)	Pindar GT				*	*	*	*	*	*	*	*	1.47 lb ai/A oxyfluorfen + 0.015 lbs ai/A penoxsulam (1.5 to 3 pints/A)* Until March 2019
rimsulfuron (2)	Matrix												0.063 lb ai/A (4 oz/A Matrix FNV per year)
saflufenacil (14)	Treevix												0.045 lb ai/A (1 oz/A)
3. Postemergence contact and translocated herbicides													
2,4-D (4)	Saber												Green sucker control in hazelnuts: 0.7 to 0.95 lb ai/A (1.5 to 2 pints/A Saber)
ammonium nonanoate	Axxe												6 to 15% v/v OMRI certified
ammoniated soap of fatty acids	Final-San-O												14 to 26 fl oz/gal. Apply prior to planting or non-cropped areas.
caprylic acid + capric acid	Suppress												6 to 9% v/v . OMRI listed.
carfentrazone (14)	Aim EC												Green sucker control in hazelnuts: 0.031 lb ai/A (2 fl oz/A Aim EC)
clethodim (1)	Select Max		NB	NB	NB	NB	NB	NB		NB	NB	NB	0.06 to 0.125 lb ai/A (6 to 8 oz/A Select Max)
clopyralid (4)	Stinger												Apples: 0.094 to 0.25 lb ae/A (0.25 to 0.66 pints/A Stinger) Others: 0.12 to 0.25 lb ae/A (0.33 to 0.66 pints/A Stinger)
clove oil+ cinnamon oil	Weed Zap												5% v/v. OMRI listed.
diquat (22)	Reglone		NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	0.375 to 0.5 lb ai/A (1.5 to 2 pints/A)
fluzifop (1)	Fusilade DX		NB	NB	NB	NB							0.25 to 0.375 lb ai/A (16 to 24 oz/A Fusilade DX). Refer to specific grassy weeds listed on label.
glufosinate (10)	Rely 280												0.88 to 1.5 lb ai/A (1.5 to 2.5 quarts/A Rely 280); sucker control: 1.75 quarts/A. Do not make spot spray applications to suckers.
glyphosate (9)	Roundup												General weed control and grass suppression in row middles; read label carefully for crops listed and geographic location.
halosulfuron (2)	Sandea												Pome Fruit: 0.035 to 0.094 lb ai/A (0.75 to 2 oz/A); Nut crops: 0.031 to 0.063 lb ai/A (2/3 to 1 1/3 oz/A)

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paraquat (22)	Gramoxone SL 2.0												Green sucker control in hazelnuts: 0.625 to 1 lb cation/A (2.5 to 4 pints/A Gramoxone 2.0 SL; 1.7 to 2.7 pints/A Firestorm)
pyraflufen (14)	Venue												0.001 to 0.005 lb ai/A (0.7 to 4 fl oz/A product). Green sucker control in hazelnuts: 3 to 4 fl oz/A.
sethoxydim (1)	Poast								NB	NB	NB	NB	Grass suppression in row middles: 0.28 to 0.47 lb ai/A (1.5 to 2.5 pints/A product)