

ORCHARD STAR®

**LOW-VOLATILE PHENOXY HERBICIDE FORMULATION
THAT CONTROLS MANY BROADLEAF WEEDS IN
ORCHARD FLOORS AND GRAPE VINEYARDS.**



Best results are obtained when Orchard Star® is applied to young, succulent weeds that are actively growing. The lower labeled rates will be satisfactory on susceptible annual weeds. For perennial weeds and conditions such as the very dry areas of the western states, where control is difficult, the higher labeled rate should be used. When Orchard Star is used for weed control in crops, growth stage of the crop must be considered. Some plants and weeds, especially woody varieties, are difficult to control and may require repeat applications, if permitted by label.

Apply 1-5 gallons of total spray by air or 5-25 gallons by ground equipment, unless otherwise directed. In either case, use the same amount of 2,4-D per acre.

PRODUCT FEATURES

- Solvent-free, highly soluble formulation that forms a homogeneous solution.
- Effectively controls more than 95 broadleaf weeds when applied at the young and active growing stage of weeds.
- Superior formulation provides the user with flexibility in mixing with other herbicides for additional weed control options.

ACTIVE INGREDIENT

3.8 lbs/gal 2,4-D amine

HRAC GROUP

4

FORMULATION

Soluble concentrate

REI

48 hours

COMPARE TO

Other 2,4-D amines

MODE OF ACTION

Synthetic auxin growth regulator

SIGNAL WORD

Danger

RESTRICTED USE

No

PACKAGING

2 x 2.5 gal

EPA REG NUMBER

42750-19 | AD120115

See label for complete application guidelines and restrictions.

ORCHARD STAR®

FREQUENTLY ASKED QUESTIONS

How should I apply Orchard Star for best results?

Droplet size

- 2,4-D as sole active ingredient or when applying sprays that contain 2,4-D mixed with active ingredients that require a coarse or coarser spray: Apply only as a coarse or coarser spray (ASAE standard 572) or a volume mean diameter of ≥ 385 microns for spinning atomizer nozzles.
- In sprays that contain 2,4-D mixed with other active ingredients that require a medium or more fine spray: Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of ≥ 300 microns for spinning atomizer nozzles.

Wind speed

Do not apply at wind speeds greater than 15 MPH. Only apply if the wind direction favors on-target deposition and there are no sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250-feet downwind. If using a medium spray, leave one swath unsprayed at the downwind edge of the field.

When should Orchard Star be applied to grape vineyards?

- For use only in California, Oregon and Washington.
- Apply at 1.8 to 2.7 pt/A when grapes are in the bud to early bloom stage and growing vigorously. Apply after shatter following bloom and before grape shoots reach the ground or during dormant season.
- Dilute in 10 to 100 gallons of water to treat one acre of ground to be sprayed. For band or spot treatment, calculate rates according to the actual portion of an acre treated. Use a hooded boom and low-pressure flooding nozzles to deliver coarse droplets.

- Grapes are extremely sensitive to 2,4-D. Use a direct application so no 2,4-D contacts grape leaves and young shoots or stems.

When should Orchard Star be applied to orchard floors?

- Apply postemergence at 1-2 pt/A for annual and biennial weeds when small and actively growing. Apply at up to 4 pt/A for perennial weeds from bud to bloom stage.
- For application to orchard floors, use coarse, low-pressure sprays and sufficient water for thorough coverage of weeds.
- To avoid tree injury, do not apply immediately before irrigation and withhold irrigation for 2 days before and 3 days after application. Do not apply during bloom.
- To avoid leaching, do not spray bare ground or apply to dry soils. Do not allow spray drift to contact foliage, fruit, stems, trunks or trees or exposed roots.
- Because newly established trees or young orchards are more susceptible to 2,4-D injury, apply only to orchards that are at least one year old and well-established as indicated by vigorous plant growth.
- *Refer to label for orchard floor restrictions.*

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.



◀ See label for complete application guidelines and restrictions.

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