



# Grapple™

SELECTIVE HERBICIDE

## EXCELLENT WEED CONTROL FOR VINEYARDS AND ORCHARDS.

Keep weeds under control with new Grapple™ Herbicide. Grapple delivers outstanding weed control on many crops, but it's designed with the unique challenges of vineyards and orchards in mind. Count on Grapple to knock down existing weeds and keep floors clean with lasting residual. Plus, Grapple is tank mix compatible with many pre-emerge herbicides for added weed control options.

### COMPETITIVE ADVANTAGES

#### FORMULATED FOR WEED CONTROL IN TREE AND VINE CROPS

- Outstanding broad-spectrum pre- and post-emergent control of many weeds
- Labeled for use on a wide range of crops, but formulated to deliver excellent results in vineyards and orchards
- Long-lasting residual control

### AT-A-GLANCE INFO

EPA REG. NO.	71368-121
ACTIVE INGR.	rimsulfuron (25%)
FORMULATION	water-dispersible granule
CHEM. FAMILY	sulfonylurea
GROUP NO.	2
MODE OF ACT.	ALS inhibitor (acetolactate synthase)
REI	4 hours
SIGNAL WORD	caution
RESTRICTED	no
PACKAGE SIZE	20 oz bag (12 per case)

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## EXCELLENT WEED CONTROL FOR VINEYARDS AND ORCHARDS.

### KEY USES

Citrus fruit  
Grapes  
Stone and pome fruit  
Tree nuts  
Also labeled for use on blueberry (high and low bush)\*, caneberry (raspberry, blackberry)\*, field corn, field-grown tomatoes, potatoes, potatoes grown for seed

### KEY WEEDS CONTROLLED

(See product label for complete list)

#### PRE-EMERGE

Barnyardgrass  
Chamomile, false  
Crabgrass, large (partial)  
Dandelion, common  
Filaree, redstem  
Fleabane, hairy  
Foxtail; giant, green, yellow  
Groundsel, common  
Henbit  
Kochia  
Mallow, common  
Marestail / horseweed  
Mustard; birdsrape, black  
Pigweed; redroot, smooth  
Puncturevine  
Purslane, common  
Quackgrass  
Spurge; prostrate, spotted

#### POST-EMERGE

Grassy: 1" to 2" / Broadleaf: 1" to 3"

Barnyardgrass  
Bluegrass, annual  
Chamomile, false  
Chickweed, common  
Crabgrass, large (1/2")  
Foxtail; bristly, giant, green, yellow  
Henbit  
Kochia  
Mustard; black, wild  
Panicum, fall  
Pigweed; redroot, smooth  
Puncturevine  
Purslane, common  
Shepherd's-purse  
Wild radish

\*Not for use in California

### USE SUMMARY

**CITRUS FRUIT, TREE NUTS, POME FRUIT, STONE FRUITS, GRAPES:** Apply Grapple™ Herbicide as a uniform broadcast application to the orchard or vineyard floor or as a uniform band application directed at the base of the trunk or vine.

**FOR BROADCAST APPLICATIONS:** Make a single application of Grapple at 4 oz/A/year. For improved weed management, tank mix with other registered pre-emerge herbicides.

**FOR BANDED TREATMENTS (50% BAND OR LESS):** Grapple may be applied twice a year. However, do not apply more than 4 oz/A on a broadcast application basis per year. Unless otherwise specified on the product label, allow a minimum of 30 days between applications.

To help ensure uniform coverage, use a minimum of 10 gal of spray solution/A. Nozzle selection should meet manufacturer's spray volume and pressure instructions for pre- or post-emergent herbicide applications.

DO NOT apply Grapple by air. Use ground application equipment only.

Apply only to crops that have been established for one full growing season and are in good health and vigor.

Best results are obtained when the soil is moist at the time of application, and 1/2 inch of rainfall or sprinkler irrigation occurs within 2 weeks after application. Time the application(s) to take advantage of normal rainfall patterns and cool temperatures. Moisture for activation should occur within 2-3 weeks after application.

Grapple may also be applied by certain chemigation methods, such as micro-sprinkler. However, do not apply by overhead, flood, or drip irrigation.

Avoid direct or indirect spray contact with crop foliage or fruit, except undesirable suckers.

DO NOT use Grapple in a spray solution with a pH below 4.0 or above 8.0 with spray additives that buffer the pH to below 4.0 or above 8.0, since degradation of Grapple may occur.

#### PRE-HARVEST INTERVAL (PHI)

Citrus Fruit (Crop Group 10) .....	3 days
Pome Fruit (Crop Group 11) .....	7 days
Tree Nuts (Crop Group 14) .....	14 days
Stone Fruit (Crop Group 12).....	14 days
Grapes.....	14 days

See label for complete directions for use.

#### PRECAUTIONS AND RESTRICTIONS

Direct sprays to minimize spray contact with fruit or foliage.

Avoid spray drift to any adjacent crops or desirable plants as injury may occur. Draining or flushing equipment on or near desirable trees or other plants, or in areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots may injure these plants. Trees or desirable plants whose roots extend into a treated crop use area may be injured.

For best results, maintain spray tank solution at pH 5 to 7.

If the selected companion herbicide has a ground or surface water advisory, consider the advisory when using the companion herbicide.

Crop injury may occur from applications made to poorly drained soils.

See label for complete application precautions and restrictions.



[nufarm.com/uscrop](http://nufarm.com/uscrop)

For specific application rates, directions, mixing instructions and precautions, read the product label. Please visit [www.nufarm.com/uscrop](http://www.nufarm.com/uscrop) to download a full label.

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