

SATELLITE® HYDROCAP. HIGH-PERFORMANCE, BROAD-SPECTRUM WEED CONTROL FOR SPECIALTY CROPS.

SATELLITE® HydroCap Herbicide provides growers an option in micro-encapsulated formulations for pre-emergent weed control. SATELLITE HydroCap delivers effective control of targeted grasses and troublesome small-seeded broadleaf weeds such as pigweed, lambsquarter, waterhemp and velvetleaf before they even emerge — and our micro-encapsulated, water-based formulation provides improved stability for improved shelf life and excellent mixing characteristics.

ACTIVE INGREDIENT

Pendimethalin

FEATURES & BENEFITS

- Application flexibility for broadcast or chemigation
- Pre-emergent control of most annual grasses & small-seeded broadleaf weeds
- Micro-encapsulated, water-based formulation
- Excellent surface stability
- Effective residual control
- Excellent mixing characteristics and shelf life
- HRAC Class 3

KEY CROPS

Citrus
Grapes
Pome fruit
Stone fruit
Tree nuts

See label for complete list of crops.

WEEDS CONTROLLED

GRASSES

Annual ryegrass*
Annual bluegrass**
Barnyardgrass
Browntop panicum**
Canarygrass*²
Cheat*²
Crabgrass
Crowfootgrass
Downy brome*
Foxtail (giant, green, yellow)
Goosegrass
Guinea grass*²
Hairy chess*¹
Italian ryegrass*
Itchgrass*
Japanese brome*¹
Johnsongrass (seedling)
Jointed goatgrass*¹
Jungle rice**
Lovegrass**
Oat, wild*
Panicum (fall, Texas)
Sandbur, field
Shattercane*
Signalgrass*
Sprangletop (Mexican, red)**
Swollen fingergrass**
Wild proso millet**
Witchgrass
Woolly cupgrass*

BROADLEAVES

Amaranth, Palmer
Bugloss, small¹
Carpetweed
Chickweed, common*
Dodder**³
Fiddleneck**
Henbit
Kochia
Ladysthumb
Lambsquarters, common
Lambsquarters, slimleaf*²
London rocket*
Morning glory (suppression)
Mustard, black*²
Pigweed species
Prostrate, knotweed**
Puncturevine**
Purslane
Pusley, Florida
Shepherd's purse*
Smartweed, Pennsylvania*
Spurge, annual
Velvetleaf*
Waterhemp species

* Suppression, but controlled when rate exceeds 4 pts/A.

** Controlled when use rate is 4 pts/A or greater

1 Not suppressed or controlled in California

2 Not controlled in California

3 For optimum dodder control, use the highest labeled rate specific to the crop

SATELLITE HYDROCAP USE RATES

Citrus: 2–6.3 qts/acre

Grapes: Up to 6.3 qts/acre in one application or sequentially

Pome Fruit: 2–4.2 qts/acre

See label for specific crop recommendations and restrictions.

Stone Fruit: 2–4.2 qts/acre

Tree Nuts: 2–6.3 qts/acre in one application or sequentially

PHI

Citrus: 1 day

Grapes: 90 days

Pome Fruit: 60 days

Stone Fruit: 60 days

Tree Nuts: 60 days

GROUND APPLICATIONS

Bearing	Non-bearing
APPLICATION METHODS <ul style="list-style-type: none"> • Surface incorporated • Surface pre-emergent 	APPLICATION METHODS <ul style="list-style-type: none"> • Pre-plant surface Uniformly apply with ground equipment prior to transplanting. Avoid root contact with treated soil as injury may occur. • Pre-plant incorporated Apply <i>prior to transplanting</i> but before weeds germinate. Incorporate to a depth of 1–2 inches. Avoid root contact with treated soil as injury may occur. • Pre-emergence Apply as a broadcast or banded treatment.
<p>Apply as a broadcast or banded treatment using ground equipment before weed germination. Apply the spray directly to the ground beneath the grapevines or trees and/or in the areas between rows.</p> <p>Do not apply over the top of grapevines or trees with leaves, buds or fruit. Contact with leaves, shoots or buds by the spray mixture may cause injury.</p>	<p>Apply before or after transplanting.</p>

See label for chemigation, flood, flooded basin and gravity flow irrigation system use instructions.

APPLICATION INFORMATION: GRAPES (bearing and non-bearing)

- Apply by ground, chemigation, flood, flooded basin or gravity flow irrigation systems.
- Apply in a single application or sequentially with an interval of 30 days or more.
- When applying to grapes, apply any time after fall harvest, during winter dormancy and in the spring.

CHEMIGATION APPLICATION VIA SPRINKLER IRRIGATION AND DRIP IRRIGATION SYSTEMS

- SATELLITE HydroCap Herbicide may be applied as a chemigation treatment through sprinkler irrigation and drip irrigation systems.
- Refer to crop-specific information sections for individual crops. Do not apply via chemigation unless specified.
- System must be properly calibrated (with water only) to ensure the amount of product applied corresponds to the specified rate.
- Apply in ½ to ¾ inch of water during first sprinkler set.
- Mix with water at a 1:1 ratio in the injection nurse tank to assist with product flowability.
- Maintain agitation to keep uniform herbicide suspension in the nurse tank.

CHEMIGATION CALIBRATION (for low-volume micro sprinklers)

Calculation of use rate is based on wetted area around emitters — NOT on tree acres. Use the following formula to determine correct amount of SATELLITE HydroCap Herbicide:

1. Treated area per each emitter = **A**

$$A = 3.14 \times (\text{radius} \times \text{radius})$$

2. The area in square feet wet in each acre = **B**

$$B = \frac{A \times \text{emitters/acre}}{144}$$

3. The total area (in square feet) wet by your system = **C**

$$C = B \times \text{acres covered by system}$$

4. Rate per treated acre of SATELLITE HydroCap Herbicide (based on length of control desired) = **R**

Amount of SATELLITE HydroCap Herbicide to inject = **S**

$$S = \frac{C}{43,560} \times R = \text{qts of SATELLITE HydroCap Herbicide}$$

Please see label for chemigation restrictions and always read and follow label directions.

For more information about SATELLITE HydroCap, talk to your consultant, local UPL representative or retailer, call **1-866-761-9397** or visit www.upl-ltd.com/us.