

# The Grapevine

Viticulture Technical Advisor

Okanagan & BC  
Interior Edition  
May 2010

## Effective Weed Control

### Chateau Herbicide

New last year, Chateau WDG herbicide has proven to be a very effective weed control product in grapes, as well as tree fruit orchards in the Okanagan. A Group 14 product that represented new chemistry when it was introduced, Chateau WDG provides seasonal residual control of many broadleaf weeds. In fact, Okanagan growers discovered and enjoyed the extraordinarily long residual effects because of the low rainfall and low organic matter soils. They soon found that Chateau WDG is very effective, forming a "barrier", activated by rain or irrigation of at least ½ cm of water. Chateau does not affect established weeds, but can be mixed with glyphosate to control existing weeds. It must not come in contact with crop fruit, green bark or foliage. Do not apply to grapes established less than two years. The active ingredient flumioxazin is a photosynthesis inhibitor, preventing target plants from making chlorophyll by inhibiting an essential enzyme (the

enzyme is called protoporphyrinogen oxidase, for those interested in unpronounceable names). It can be used effectively on coarse and medium textured soils, but will be less effective on soils with very fine texture or high organic matter.

The photo (below) of a tree fruit planting shows a comparison of an application of Chateau WDG on the left, versus another herbicide treatment on the right.

## Pest Control

### New Registrations in Grapes

#### Pristine WG

Here are some additions to the label of this effective fungicide for use in grapes: powdery mildew, botrytis grey mold, black rot, fruit and downy mildew, and bunch rot complex (caused by Cladosporium and Aspergillus species).

## Pounce 384 EC

Although this is not a new chemical, Pounce 384 EC gained a registration a couple of years ago in grapes for climbing cutworms. A range of rates is recommended depending on the size of the cutworms. Apply at the first signs of damage within a half meter of the base of the trunk base in the evening. Climbing cutworms are expected to be more a problem this spring in the Okanagan, since the mild winter may allow a higher survival rate.

### Crop Inputs for Viticulture can be found at these locations:

#### Growers Supply Co. Ltd. Main Office

2605 Acland Road, Kelowna BC, V1X 7J4  
Tel: 250-765-4500 Fax: 250-765-4545  
info@growers-supply-co.com

#### Growers Supply Co. Ltd. South Okanagan

360 Okanagan Ave. East, Penticton BC, V2A 8N3  
Tel: 250-493-2885 Fax: 250-493-8153  
info@growers-supply-co.com

#### South Valley Sales Oliver

34625-91st Street, Oliver BC, V0H 1T0  
Toll Free: 1-888-875-6670 Tel: 250-498-6408  
Fax: 498-4022  
brad@southvalleysales.com

#### South Valley Sales Keremeos

1813-5th Street, PO Box 372, Keremeos BC, V0X 1N0  
Tel: 250-499-2900 Fax: 250-499-2960  
info@southvalleysales.com

#### TerraLink Horticulture Inc.

464 Riverside Road, Abbotsford, BC V2S 7M1  
Toll Free: 1-800-661-4559 Fax: 604-864-8418  
www.tlhort.com



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## Specials

### Equipment for Sale

TerraLink is doing some spring cleaning and passing the deals on to you! Check back every week or so, because the specials will only get better! It is first come, first served so don't delay. Follow the link below to see our latest Weed Control Equipment Specials. Limited quantities on certain items so do not delay.

<http://www.store.tlhort.com/p-24004-grotec-weed-control-equipment-specials.aspx>



Item #: 6069200

Vineyard/Orchard GP750 Flame Weeder with 58 gal DOT approved tank and 2 x 3,000,000 BTU heads (demo model). GP-750 w 58 gallon tank

Qty on hand: 1

**MSRP: \$ 5,750**

## Product Update

### New TigerClaw Names for 2010

What's new for 2010? Some of your favorite liquid fertilizers under the TigerClaw brand, that's what. The formulations on some of the products were tweaked slightly and some of the names have changed. If you were using TigerClaw Calcium 4%, it is now called **TigerClaw Power-Cal 4%**. If you were using the comparable zinc product (TigerClaw Zinc 6.5% Zn), this is now named **TigerClaw Power-Zn 8%**. A new name and stronger, too!



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