

The Grapevine

A TerraLink Technical Advisor

Pest Control

New Registrations in Grapes

Serifel is a Group 44 biofungicide that labeled for suppression of powdery mildew and bunch rot. The pre-harvest interval is 0-days while the restricted entry interval is when dry. There are no maximum applications listed on the label. Serifel tank-mixes well with many fungicides used on grapes in B.C. It has low risk of resistance and is certified organic.

Diplomat 55C is a Group 19 fungicide containing Polyoxin D Zinc Salt as the active ingredient. It is labeled for control of powdery mildew control and bunch rot suppression. The pre-harvest interval is 0-days while the restricted entry interval is when dry. There is a maximum permitted application of 3 L of product per ha per season (up to 8 applications depending on rate). Resistance risk is medium, so this product should be rotated with other fungicide groups.

Oxidate 2.0 is a foliar applied fungicide containing 27% hydrogen peroxide and 2.5% peracetic acid. It is used for the suppression of cane/leaf spot/fruit rots (*Phomopsis viticola*) and partial suppression of powdery mildew. It has a 0-day pre-harvest interval and a low risk of resistance. This product is a strong oxidizing agent and must be handled with care. It is NOT certified organic for use on grapes.

Chikara 25WG is a novel, Group 2 herbicide that has both pre-emergent and post-emergent activity for vineyards with to 3 year-old vines or older. It knocks down a wide variety of broad-leaved and grassy weeds including lamb's-quarters, red-root pigweed, crab grass and long-spine sandbur. The pre-harvest interval is 75-days.

Cevya is a unique, Group 3 systemic fungicide providing preventative and post-infection activity. Registered for powdery mildew it is reported by BASF to control pathogen strains that have gained resistance to DMIs. For wine grapes, the label indicates a relatively short restricted entry interval of 12 hours and a pre-harvest interval of 14 days.

Parasol WG is a Group M1 fungicide containing fixed copper as copper hydroxide. It is registered as a preventative/protective spray for several fungal pathogens including powdery mildew. The pre-harvest interval is 2-days with a restricted entry interval of 48 hours. Avoid use on copper-sensitive varieties. It recognized certified organic by Pro-Cert.

Suffoil-X is a highly refined horticultural spray oil registered for suppression of mites and powdery mildew on grapes. The label says to NOT use this product in combination with or immediately before or after spraying with fungicides such as captan or any product containing sulphur. The label indicates Suffoil-X has a restricted entry interval of 12 hours and it can be applied up to the day of harvest.

LABEL UPDATES:

Sirocco is labelled now to include suppression of Botrytis bunch rot. It is a good product to use for mildew and/or rot pre-harvest given a pre-harvest interval of 0-days. It has a low risk of resistance and is certified organic.

JUNE 2021 FUNGICIDE DE-REGISTRATIONS:

Rovral: Based on a PMRA decision, [the last permitted use by Users for grapes is June 21, 2020.](#)

Quintec: Based on a PMRA decision, the last permitted use by Users for all commodity groups is June 30, 2021.

Growing Organic?

Pioneers in the Organic Market



TerraLink Horticulture prides itself in taking a leading role in the rapidly expanding organic horticulture sector. We are a leading fertilizer manufacturer focused on producing organic and organic-based fertilizers, soil amendments and biostimulants. Our organic division, [BioFert Manufacturing Inc.](#), is a pioneer in the development of organic fertilizers in Canada.

BioFert[®]

When organic certification is not required, soil enhancing approach is desired, our EarthLink line of products has a long list of organic-based products available to professional growers.

EarthLink[®]

Be SMART! Growers shifting to organic production especially in regions where soils are quite sandy with low fertility, need to approach management practices such as weed control very thoughtfully. When relying predominantly on mechanical means (grape hoes, rotary tillers) to manage weeds along the vine row, repeated soil disturbance can quickly degrade soil microbial health, soil organic matter, soil tilth and nutrient availability required for healthy vine growth. Additions of good quality compost, the smart use of various cover crops such as legumes and brassicas plus the application of soil and drip applied organic crop inputs such as seaweed extract, humic acid plus macro and micronutrients are all essential components to a holistic management practice.

We're here for you!

How do I Buy from TerraLink?

To purchase crop input products from TerraLink you can contact us one of these ways:

- Call a Sales Rep: Interior BC - Lisa Wambold 250-718-1784; Vancouver Island/Gulf Islands - Paul Warkentin 250-709-5440
- Call the TerraLink head office toll free at 1-800-661-4559
- Fax the TerraLink head office at 604-864-8418
- Visit the TerraLink website at www.tlhort.com
- E-mail us at info@tlhort.com or sales@tlhort.com

Seed

Insectaries and Cover Crops

It is very important in sustainable agriculture to keep and create natural refuges and buffers that can act as insectaries for not only a wide range of bees, butterflies, parasitic wasps and predatory insects but also for a whole host of other native mammals, birds, reptiles and amphibians.

If within the Southern Interior of B.C. [protect and encourage growth of native plants](#)

such as sagebrush, rabbitbrush, various buckwheats, wild rose, snowberry, sumac and goldenrod.

If within the Lower Mainland of BC, here are some great resources from [Pollinator Partnership](#) and the [Fraser Valley Conservancy](#).



Richardson Seeds, a division of TerraLink Horticulture Inc. sells a wide variety of [cover crops](#) including [wildflower seed](#), with technical staff available to recommend a mix or custom blend to best suit your needs. They have experience making recommendations on all soil types and within all microclimates from Vancouver Island, the Fraser Valley, the Okanagan, the Interior and other areas of BC.

Nutrition

Analyze That!

It can be difficult to diagnose particular nutrient deficiencies/excesses in vines because various grapevine trunk diseases can sometimes display similar foliar symptoms. This is why it is very important to use soil and tissue analysis as tools in creating and fine-tuning vineyard nutrient management plans. When collecting soil for analysis, first identify zones on your property where there are obvious variations in soil texture. This is often observed as differences in vine vigour. Sample these zones separately. A submitted sample should be a composite of about 10-20 sampling locations per zone.

With tissue analysis, whether petiole or leaf blades, it is best to sample various clone/rootstock combinations separately. Sample early in the morning when vines are under the least stress and ideally at defined phenological stages such as bloom and veraison. A submitted sample should consist of tissues collected from vines of similar vigour.

Although not specifically a Canadian resource, Washington State University extension has an excellent nutrition guide, "[Vineyard Nutrient Management Guide in Washington State](#)".

TerraLink can assist through processing and recommendation of both tissue and soil tests. Our on-site Plant Science Lab at the Abbotsford location, processes tests quickly to get information to the grower fast in order to make decisions in real time.

Call 1-800-661-4559 for more information on lab services and agronomic recommendations.

Rooted in Your Community

TerraLink is in the Okanagan!

TerraLink Horticulture Inc welcomes Lisa Wambold to our team as Viticulture Specialist for the Okanagan region including the Similkameen.

TerraLink prides itself in providing strong Agronomic support to growers. Trained in New Zealand, and based in the South Okanagan as a viticulturist since 2003, Lisa comes to us with a strong background in vineyard nutrition, Integrated Pest Management and both conventional and certified organic viticulture. Lisa works with growers on their pest, weed, disease, crop and nutrient management programs.

Industry Update

Big News

Launching Fall 2020 is the Sustainability Certification Program created by Sustainable Winegrowing British Columbia (SWBC).

"SWBC is an ongoing project of the BC Wine Grape Council, managing sustainability certification as well as providing educational resources and training to help vineyard and wineries establish sustainable practices".



**SUSTAINABLE
WINEGROWING
BRITISH COLUMBIA**
Inspired people growing outstanding wine