

# Agri Advisor

TerraLink Horticulture Inc.

Pacific Ag Show Edition  
January 2010

NEW!

## Introducing a New Program

### **ADVANCED AGRONOMY**

A Division of TerraLink Horticulture Inc.

We are adding to and improving our offering of agronomic services with TerraLink Advanced Agronomy. With this suite of products, growers will be able to enter various data on a per-field basis, including soil test results, crop information, field scouting reports, application information of crop inputs, weather information, cultural events, and much more. Yield, expenses and other parameters can be tracked, and reports generated for use in business plans, food industry audits and other uses.

- Web-based data capture and record-keeping system on a per field basis.

- All data is kept private and confidential.
- Track field histories of nutrient status, crop inputs like fertilizer, pest controls, and water use.
- Will tie in all parameters associated with the operation on a historical basis – nutrients, pests and controls, field scouting reports, cultivation events, irrigation, weather, and others.
- Fields are geo-referenced.
- Reporting ability – expenses, nutrient use and management practices, GAP, due diligence, cost of production, manure management, many other possibilities.

### Get a discount, and WIN!

Fill out this coupon and bring it to the TerraLink booth at the Pacific Ag Show on January 28-30. All entries will be coded for a 20% discount on all soil samples submitted for analysis with our Plant Science Lab. Valid until March 31, 2010 for all samples submitted by existing TerraLink accounts kept in good standing. Five names will be drawn for a year of free online access and use of the new Advanced Agronomy Program.

Name:	
Farm Name:	
Phone:	
Email:	

### Agronomic Service

## TerraLink - A Complete Agronomy Centre

- Soil testing services.
- On-site soils lab at our Abbotsford location.
- Agronomists on staff to provide professional recommendations.
- Custom application services for fertilizer and lime spreading in the Fraser Valley.

*New This Spring!* – a web-based agronomy data capture and record-keeping system.

### Pest Control

## New Registrations in Blueberries

### Aliette WDG Systemic Fungicide

The old familiar Aliette WDG has just been registered for spring application in blueberries for control of Phytophthora root rot and Anthracnose fruit rot, and suppression of Phomopsis canker. Four applications a year are allowed at intervals of two to three weeks. For spring application against root rot, Aliette WDG should be first applied when there is seven cm of new growth. It has a pre-harvest interval and a re-entry interval of just one day.

### Centurion EC Post-Emergence Herbicide

This herbicide is now registered in blueberries for control of quackgrass and specific annual grasses. Apply at 75 to 150 mL per acre once only per year. It

Rooted in your community.

**TerraLink**

# Put Power in Your Crop

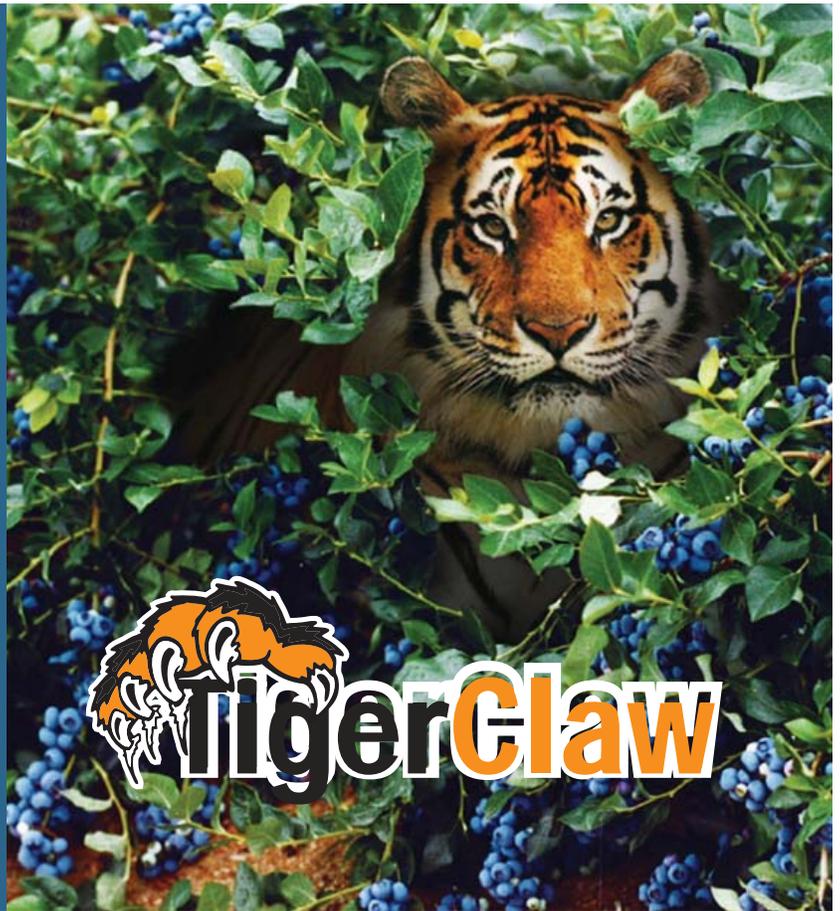
Designed for superior uptake and availability, **TigerClaw** Liquid Fertilizers provide producers with the necessary tools to address plant nutritional needs based on physiology and peak nutrient demand.

**TigerClaw** products enhance crop quality and return on investment.

**TigerClaw** products are available exclusively at:

## TerraLink

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must be mixed with Amigo adjuvant at 0.5% to 1.0% v/v. Centurion EC should be used at the 2 to 6 leaf weed stage. The pre-harvest interval is fourteen days, and the re-entry interval is twelve hours.

### Pest Control and Season Extension

## Order Novagryl Floating Row Cover

Floating row covers have been proven to help provide an earlier crop. A jump on the market normally means more profit for you. TerraLink imports Novagryl Plus (reinforced edges), Novagryl regular as well as the older Agryl P 17 and P 30. After the season Novagryl can also extend your season by giving some frost protection. In organic production, floating row covers provide insect exclusion as a form of pest control. Order now to assure availability of the sizes you need. Regular stocked items include:

Novagryl Plus, 10.5 M X 250 M	code 3764700
Novagryl Plus, 12.8 M X 250 M	code 3764720
Novagryl Plus, 16.0 M X 250 M	code 3764760
Novagryl Plus, 20.4 M X 250 M	code 3764790

Novagryl Regular, 6.6 M X 250 M	code 3765070
Agryl P 17, 4.0 M X 250 M	code 3766540
Agryl P 17, 2.2 M X 250 M	code 3766460

### Soil Health

## Let's Think About Those Soil Microbes

Maintaining a healthy and diverse population of soil microbes is important because it supports a healthy, high producing crop and is therefore profitable for the producer. In an article in Top Crop Manager (December 2006, pp 24-26) Dr. George Clayton from the Lacombe research centre of Agriculture and Agri-Food Canada said that soil microbes promote crop health in many ways, like improving the crop's access to nutrients and keeping disease-causing microbes in check with predator microbes. According to Dr. Clayton, we know we can manipulate soil microbes through practices such as rotation and zero-tillage.

Although this is more difficult in perennial crops, we can still affect soil microbes by planting different cover

crops between rows of berries, grapes or tree fruits. Plants live in a beneficial relationship with soil microbes (this is called symbiosis) and an ideal microbial culture differs depending on the plant species. Using legumes in rotation, for example, actually adds nitrogen to the soil, but also promotes a healthy community of soil microbes. Let's also not forget about a phenomenon called allelopathy, in which plants release various chemicals into the root zone. This is a competitive feature, but sometimes plants release chemicals that are detrimental to nematodes. The best example of this is Wheeler rye, but other species and varieties have a similar effect.

We can perform some cultural operations to help out those microbes. Make an effort to avoid soil compaction; microbes like to breathe like you and me. Only apply soil targeted fungicides if you have to; avoid routine applications. Soil-applied fungicides do beat up on microbes and they're too expensive to use routinely. Try to increase organic matter. You can do this by adding humic acids and/or by planting cover crops that produce high amounts of biomass. There are also other products you can add to the soil that improve the root zone environment for microbial growth.