

Forage Advisor

TerraLink Horticulture Inc.

June 2009

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.

Animal Health

Improving Selenium levels with Selcote Ultra

Selcote Ultra is a granule containing both slow and fast release selenium in selenates of barium and sodium. Applied with fertilizer, the selenium is passively taken up by grass plants. Selenium available to cows via the forage is absorbed more effectively than inorganic selenium supplied in rations or shots.

Soils in the Fraser Valley and Vancouver Island are naturally deficient in selenium, and acid soil conditions cause plant available selenates to transform to unavailable forms. Thus it is necessary in these areas to continue to add selenium. The maximum amount of selenium allowed in feed or in injections may not

Rooted in your community.

TerraLink

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Mmmm... Corn!

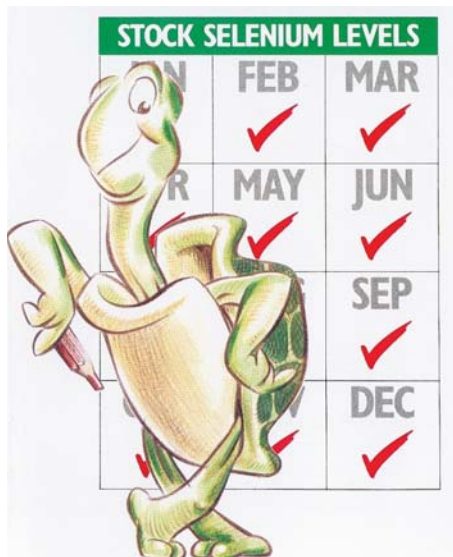
It's time to book your Hyland forage corn seed for the 2010 season. Call to find out about our top performing varieties and take advantage of our early booking program.

RICHARDSON SEED

a division of TerraLink Horticulture Inc.
464 Riverside Road, Abbotsford BC V2S 7M1
Tel: 604-864-9044 Fax: 604-864-8418
www.tlhort.com

provide enough for optimum stock health.

Typically our "native" forages have less than 50 ppb of selenium. Applied at the rate of one to one and a half pounds of Selcote Ultra per acre, this should raise forage levels to the range of 100 to 300 ppb.



Deficiency of selenium in dairy cows can result in considerable health problems. Consistent use of Selcote Ultra will reduce White Muscle Disease, improve embryo retention, maximize sperm production and mobility, improve antibody production and disease response, and improve the birthing process, among others.

Selcote Ultra is available in the Fraser Valley in granular fertilizer supplied from TerraLink Horticulture.

Disease

Cocksfoot Mottle Virus (CMV)

*Shabtai Bittman (PhD),
Pacific Agri-Food Research Centre (PARC)
Agriculture and Agri-Food Canada*

Cocksfoot mottle virus (CMV) infects orchardgrass and is well known in many regions around the world that produce orchardgrass. In Japan, CMV is considered the most serious disease of orchardgrass. PARC Scientists first positively identified this virus on farms fields in BC about eight years ago*. CMV is probably widespread in both coastal BC and the Pacific Northwest.

The disease is most easily noticed in late March or early April when plants are less than 30 cm (12 in) tall. Distinctly yellowish (sometimes mottled) plants are scattered around fields. The disease is most prevalent in older stands because it builds up gradually. The pathogen does not survive in the soil and is not carried by seed so most new stands are disease-free. The disease is spread from infected plants by certain beetles but more commonly by harvesting equipment. The

disease is less common on pastures than mechanically-harvested fields.



Plants infected with CMV lose vigour and eventually die. Because infected plants diminish and die, it is rare to see more than 10% infected plants in a field. CMV is very likely a major cause of stand decline and weed encroachment in orchardgrass in our region. There is no information on whether CMV reduces forage quality. To reduce spread of the disease, farmers should plant resistant varieties (consult extension agent). Cleaning harvesting equipment, especially after harvesting older infected fields will slow spread of the disease. Harvesting clean fields before infected ones should also help to slow the spread of CMV.

*"ten years ago", when originally printed in 1999.
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