

# Landscape Product Guide 2012

## CONVENTIONAL FERTILIZERS



TerraLink Horticulture is a manufacturer of lawn and garden granular fertilizers. Our products are made here in BC, which enables us

to provide products that are designed for BC's specific soil and climate conditions. We offer a wide variety of turfgrass fertilizers that are tailored for each season and/or for different customer expectations. We provide fertilizers that are best used during cool/spring conditions as well as those that perform well in hotter summer months. We can provide fertilizers that release quickly in order to "push along" both top growth and colour, or we can produce products that gradually feed lawns providing good colour response with minimal top growth. We carry a variety of Controlled Release Nitrogen sources that suit specific customer needs as well as an array of Organic / Organic Based Fertilizers. On the other side of the spectrum, we also offer both weed & feed and moss control options.

Whatever your fertilizer requirement may be, we are confident we have it available.

The following are some of our most commonly used turfgrass fertilizers that can be used through spring and summer:

### Turf Starter 16-32-6

A high phosphate, quick green-up fertilizer designed for spring application as well as seeding/sodding situations. Contains 50% UFlexx stabilized nitrogen for prolonged green-up and reduced leaching.



### Balanced Spring 23-3-23

A balanced nitrogen: potassium based fertilizer designed for spring/early summer use. Also contains 55% UFlexx nitrogen for prolonged green-up and reduced leaching.



### Summer Balanced 23-3-23

A balanced fertilizer designed for summer/fall months. Contains 60% Methylene 80 controlled release nitrogen. Specifically designed for warmer times of the year, lasts longer to provide long term colour response with minimal topgrowth. A great fertilizer if you are mowing as well as feeding your customers' lawns.



### Balanced Weed & Feed 19-2-18 "Three Way"

A balanced weed and feed with controlled release nitrogen and a "three way" herbicide package. This blend just "plugs into" your normal fertilizing program, it can be used to feed the lawn and take care of unwanted weeds.

### Dogwood 9-3-6 Moss Control



The standard for controlling moss in lawns. Contains Iron Sulphate which helps reduce the incidence of moss and at the same time greens-up grass in spring with minimal top-growth.

### Spring All Purpose 18-18-18



With 50% Methylene Urea for slow release nitrogen. Has higher P and K to get healthy growth. Apply 5 lbs/1,000 sq.ft. to lawns. **25 kg bag**

### Water Soluble Fertilizers

TerraLink features Technigro products.

- 10-30-20 Blossom Booster (25 lbs bag)
- 20-20-20 All Purpose (25 lbs bag)



Technigro products are high quality, highly soluble and are featured in products in the demanding agricultural and horticultural markets. Effective in landscape uses as well.



Rooted in your community.

TerraLink

Save Your Money

# Stabilized Nitrogen

## The Green, Green Grass of Home

Stabilized Nitrogen fertilizer products offer a novel approach to nitrogen fertility problems in turf grass. Stabilized Nitrogen products are uniquely formulated to minimize losses and also to provide uniform feeding of turf, resulting in extended, deep green colour turf - without the added cost of polymer coated or methylene urea products.

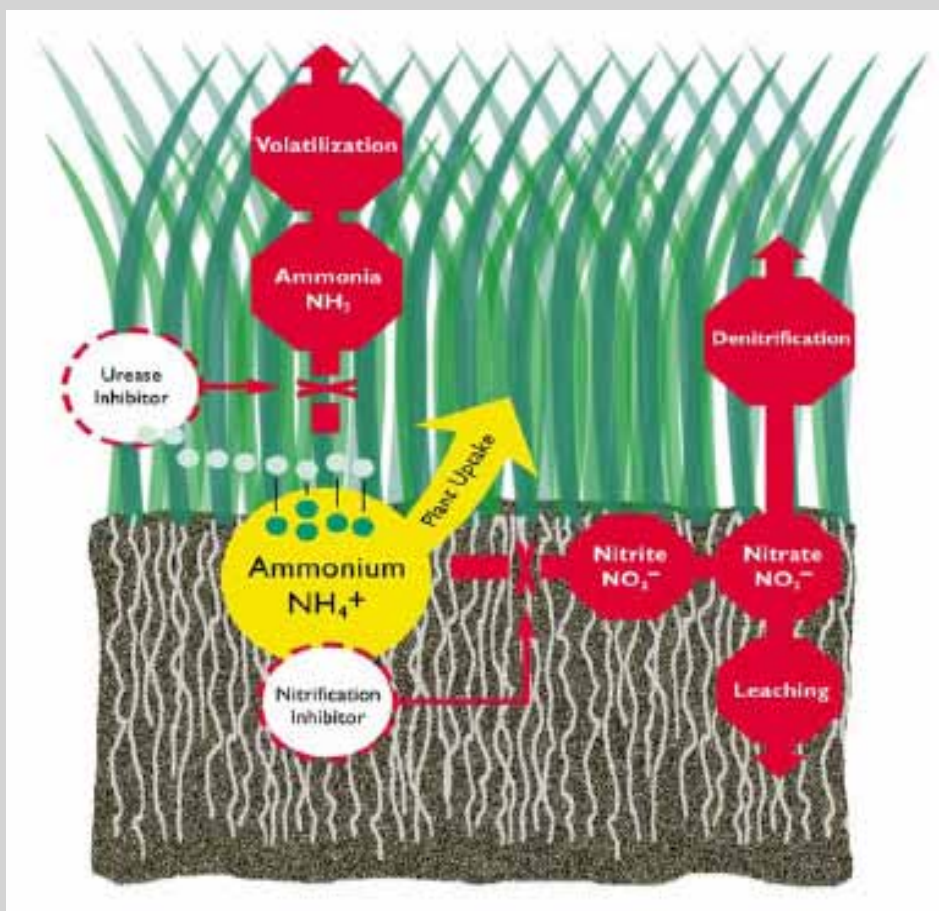
## Endorsed by Professionals

Independent research in North America also shows that Stabilized Nitrogen including AGROTAIN® Nitrogen Stabilizing technology delivers a healthy, long-lasting, deep green turf with superior visual qualities and ratings. Research at Kansas State University found that UMAXX® Stabilized Nitrogen delivered similar colour and visual quality as urea and more immediate grass response than slow release forms of nitrogen. By the end of the growing season, UMAXX Stabilized Nitrogen provided the highest turf quality with less Brown Patch. Summarizing other research at the University of Wisconsin, Virginia Tech and the University of Southern Illinois on turf grass, bluegrass, bentgrass and ryegrass, UMAXX Stabilized Nitrogen prevented leaf burn and provided favorable turf colour and quality.

At the Prairie Turfgrass Research centre at Olds, Alberta, and the Guelph Turfgrass Institute in Ontario, UMAXX® Stabilized Nitrogen were the best in class in terms of strength and durability of colour, as well as uniformity of response.

## The Stabilized Nitrogen Difference

The family of Stabilized Nitrogen products from TerraLink Horticulture Inc. represents a new and exciting class of extended response nitrogen products. The technology in UMAXX and UFLEXX enhance the efficiency and value of the most widely used nitrogen source in the world, urea. These products are uniquely formulated with the world's only commercially available urease inhibitor, NBPT and the lead-



ing nitrification inhibitor, Dicyandiamide. Together, these additives work synergistically to overcome nitrogen loss from urea due to volatilization, denitrification, and leaching. The result is a premium nitrogen product that is environmentally sound, providing steady growth and optimum response. UMAXX and UFLEXX are not coated products, and don't rely on microbial degradation to release nitrogen. They can be used in dry granular fertilizer blends, or as a soluble nitrogen source with the same great results, any time of the year.

The Stabilized Nitrogen cycle above shows the areas where nitrogen efficiency is improved. Nitrogen loss from volatilization is eliminated by the urease inhibitor NBPT for approximately 14 days, by which time enough rainfall or irrigation would be expected to move urea nitrogen into the soil. Once in the soil, the rapid conversion from ammoniacal nitrogen to nitrate nitrogen is minimized by the nitrification inhibitor Dicyandiamide. As a cation, the soil can hold onto ammoniacal nitrogen on exchange sites just as it does other plant nutrients. Ammoniacal nitrogen does not leach and is efficiently utilized by the plant. The result is that more of the nitrogen applied stays where it is intended for improved performance, value and environmental responsibility.



## NATURAL PRODUCTS

Recent municipal bans on cosmetic use of pesticides and the trend towards Natural and Organic solutions for fertilizer and pest control needs have become main stream in the modern world. The result of this change in the landscaper marketplace now requires a full line of both Organic and Conventional products to meet everyone's needs.

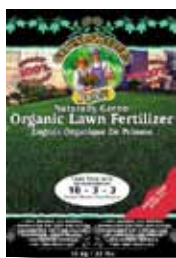


Grow Earth-Friendly with **TerraLink**

TerraLink's EARTHLINK program is dedicated to managing turf and gardens using Earth Friendly products featuring organic, natural and biological products whenever possible.

## Natural Fertilizers

A favourite already:



**Groundskeeper's Pride**  
(Organic Listed)  
10-3-3+Iron  
**25 kg bag**

### Safego 8-4-5 Organic

An organic product that lends itself towards both a balanced lawn fertilizer as well as for general garden/plant bed use as well. This is an OMRI listed product.

### Safego 10-3-3 Organic

A higher analysis organic fertilizer ideally used for spring/summer use of lawns. Also an OMRI listed product.



**7-4-7 Granular Organic Lawn Fertilizer**  
Granular Organic Lawn Fertilizer for long lasting green-up in lawns. **25 kg bag**

### GardenPRO Brand 100% Natural Products

(25 kg bags)

5-5-5+1Fe+Kelp for Shrubs, Trees & Gardens

9-2-4+1Fe+Kelp for Lawns, Turf and High Growth

### Bone Meal Products

- 2-14-0 Bone Meal, **25 kg bag**

### Fish Fertilizer

Liquid 2-3-0 Fish Fertilizer from Pacific Natural Fish Fertilizers. **20 L pail**

### Feather Meal 12-0-0

A high protein natural N source. **25 kg bag**

### KMag - Sulfate of Potash Magnesia

0-0-22+22(S)+1Mg

Naturally mined and mineral rich in magnesium, potassium and sulfate-sulfur. **50 lbs bag**

### Rock Phosphate 0-12-0 Soft Rock Phosphate

Natural source mined product. **25 kg bag**

### Kelp Meal

Kelp products from Acadian Seaplants.

[www.acadianseaplants.com](http://www.acadianseaplants.com)

**25 kg bag**

## Natural Soil Amendments

### DoloPril Lime

DoloPril is made of dolomite lime crushed to a very fine powder: 100% will pass a 30-mesh screen; 70% will pass a 100-mesh screen; and more than 30% will pass a 325-mesh screen. The powder is then constituted into spherical prills held together with a bonding agent. These prills are then sized into two products: regular - passes through a 4-mesh screen and over

a 14-mesh screen, and fine - passes through a 14-mesh screen and over a 35-mesh screen.

DoloPril is not hygroscopic, however, in storage it must be protected from wetting.

The binding agent used to make DoloPril is highly water soluble. Consequently, as soon as DoloPril prills come into contact with water, disintegration of the prill begins, and the many small particles which comprise the prill are released into the surrounding soil water medium and the reaction to correct soil pH begins.

### Benefits:

- Adds calcium and magnesium
- Raises soil pH
- Reduces excess aluminum, iron and manganese
- Improves efficiency of potassium
- Increases available phosphorus and molybdenum

Lime the way it should be:

### NATURE'S INTENT

50 lbs bags

### DoloPril or CalPril

One bag covers 4,000 sq.ft.



### Prilled Gypsum (Calcium Sulfate)

A great source of calcium for soil conditioning. Prilled product from finely ground gypsum. **50 lbs bag**

## NATURAL WEED CONTROL

### Amaizeingly Green



Scientific research by Iowa State University found that corn gluten meal contains pre-emergent herbicidal properties and is a

non selective seed germination inhibitor. Amaizeingly Green™ has Dry Granular and Liquid formulations which have some of the highest active ingredients in the Canadian marketplace today.

### Amaizeingly Green™ 10-0-0

Amaizeingly Green™ 10-0-0 has taken pre-emergent herbicide to the next level. It is specifically manufactured for lawn & garden care and has an industry leading nitrogen content with 10% total N. It is formulated for use on established lawns and gardens. Apply in early Spring when the soil temperature reaches 12°C or before Dandelion and Large Crabgrass seeds have germinated. Apply again in Mid Summer and Early Fall at a rate of 20lbs per 1000 sq. ft.



### Amaizeingly Green™ 9-1-1 Turf Fertilizer with Kelp

Increases resistance to drought, fungal disease, stabilizes chlorophyll and adds micro-nutrients.

### Amaizeingly Green™ 8-1-1 Turf Fertilizer with Neem Cake

Helps to reduce alkalinity in soil, improves soil ecology and fertility and assists with soil texture, water holding capacity and aeration.

### Amaizeingly Green™ Liquid Corn Gluten

- For liquid fertilizer programs.
- Covers more area than dry products.
- Addition of water soluble fertilizer optional.
- Shelf life 60 days.
- Effective to use.



LAWN CARE AND TURF MANAGERS: CALL NOW FOR THE NEXT BOOKING PROGRAM OPPORTUNITY!

**Amaizeingly Green™ products are PET safe, WILL NOT BURN YOUR LAWN and can be used in ENVIRONMENTALLY SENSITIVE AREAS.**

- **Do not use on recently seeded areas as corn gluten may inhibit seed germination.**
- **Apply in spring and again in summer or fall when soil temperature cools.**

## Fiesta Lawn Weed Killer



Fiesta Lawn Weed Killer controls broadleaf weeds, algae and moss in turf.

- Selective broadleaf weed killer
- For use on lawns and turf
- Made with iron
- No unpleasant odour
- People and pets can enter area when spray dries
- Approved for use in Ontario

Controls or suppresses weeds such as: Dandelion, English daisy, False dandelion, White clover, Black medic, Bull thistle, Canada thistle, Common chickweed, Creeping buttercup, Slender speedwell, Narrow-leaved plantain, Dove's-foot geranium, Lawn burweed, Broad-leaved plantain.

## Munger Horticultural Vinegar



Newly registered and good value compared to other similar products on the market, Munger Horticultural Vinegar will be the product of choice. This ALL NATURAL product contains vinegar plus a Yucca based wetting agent and no other chemical additives. **This is your product of choice for a non-selective spray herbicide.**

### Killing Weeds the Natural Way

## The Scoop On Corn Gluten

### Killing weeds the natural way is effective but what about Overseeding?

If you haven't tried corn gluten yet it is highly recommended that you do. You need experience to get it right and make your lawn care customers happy. This is a great product for natural weed control but there are questions about using corn gluten when overseeding is also needed. Corn gluten is non selective so you need to think about timing it right with the seeding. The following information is what you need to know:

1. Corn gluten requires soil temperature about 12°C or more (+ or - 2 degrees) to be activated.
2. At that point the microbes in the soil release the amino acids and nitrogen.
3. The amino acids are what prevent the germinating seeds from taking root.
4. Corn gluten meal has non-selective

herbicidal properties and is pre-emergent.

5. It is registered in Canada on Dandelion and Large Crabgrass.
6. The corn gluten will remain active for 4-6 weeks after activation, depending on the weather. In dry weather it may last longer.
7. Waiting time: (rule of thumb) wait 6 weeks before or after overseeding and new sod laying before applying corn gluten meal as a pre-emergent herbicide.
8. Overseeding: we recommend you overseed with ryegrass varieties like RPR Baralpha which are self thickening. RPR has stolons that travel above the soil surface to start a new plant. RPR produces a bright green, thick, medium textured, wearable turf that looks and outperforms other perennial ryegrasses.
9. New grasses starting from stolons (stolons have above ground stems that become new plants) are not affected by the corn gluten.
10. Apply corn gluten 2 or 3 times per year to keep new weeds from germinating and coming up.
11. Corn gluten will be a successful program for you but you must be consistent and stick with the program.

## TURF SEED

Richardson Seed has been supplying the landscaping industry with grass seed for more than



30 years. We offer full product lines of turf seed mixes for residential lawns and professional turf applications. Most of our varieties are highly rated with NTEP (the National Turfgrass Evaluation Program), which is the quality standard for the turfgrass industry. Our attention to quality ensures you are provided with the best turf seed possible. For detailed data sheets on all our mixes, please inquire or visit us online at [www.tlhort.com](http://www.tlhort.com).

### Lawn Seed Mixtures

#### RichLAWN Deluxe:

For top-quality, well-maintained lawn areas with full sun to moderate shade. Seeding Rate: 5-7 lbs/1,000 sq.ft.

- Amazing GS Perennial Ryegrass
- Keystone 2 Perennial Ryegrass
- Gibraltar Creeping Red Fescue
- Bridgeport II Chewings Fescue
- Barduke Kentucky Bluegrass

#### RichLAWN All Purpose:

For general home and landscape use with full sun to moderate shade. Seeding Rate: 5-7 lbs/1,000 sq.ft.

- Perennial Ryegrass
- Kentucky Bluegrass
- Creeping Red Fescue

#### RichLAWN Sun & Shade:

For fine textured lawns with dense shade to full sun. Seeding Rate: 5-7 lbs/1,000 sq.ft.

- Keystone 2 Perennial Ryegrass
- Boreal Creeping Red Fescue
- Bridgeport II Chewings Fescue
- Cadet Kentucky Bluegrass

#### RichLAWN Overseeding:

A quality overseeding mixture for general home and landscape use with full sun to moderate shade. Seeding Rate: 7-10 lbs/1,000 sq.ft. Comprised of 4 top rated perennial ryegrass varieties.

Sold exclusively in BC by TerraLink:

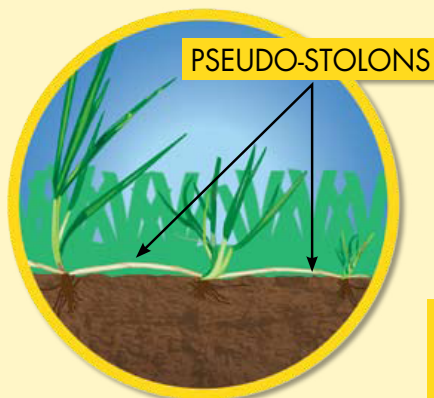
## Regenerating Perennial Ryegrass for Turf



#### Improve your property with RPR

RPR is the latest introduction from the Barenbrug Seed Company. Barenbrug's exhaustive research has produced remarkable results that developed the regenerating perennial ryegrass product.

RPR has 'pseudo-stolons' that allow for self-thickening turf. When a plant gets room it sends out a shoot or pseudo-stolon to fill in the gap.



#### RPR Features:

- Great color
- Unrivaled wear tolerance
- Increased disease and drought tolerance
- High turf quality

**RPR will make your customers turf look good, perform better and make you look good too!**

TerraLink's RICHARDSON SEED line of turf seed mixes includes RPR in 5 featured Products:

- Premium 4-Way Overseeding Mix.
- Premium Sportsturf Mix.
- Sandfield Sportsturf Mix
- Richlawn Low Maintenance
- Premium Tee & Fairway



For a free copy of this informative brochure (BC only) please email [leah@tlhort.com](mailto:leah@tlhort.com)



#### RichLAWN Low Maintenance:

For areas requiring a low-growing drought-tolerant mixture with low maintenance requirements under full sun to moderate shade. Seeding Rate: 5-7 lbs/1,000 sq.ft.

- RPR Blend Perennial Ryegrass (1<sup>st</sup> and 2<sup>nd</sup> generation)
- Barcrown II Slender Creeping Red Fescue
- Gibraltar Creeping Red Fescue
- Stonehenge Hard Fescue

- Quatro Sheep Fescue

#### Waterwise

The Waterwise Lawn is a blend of four fine fescues producing a fine-textured, lush lawn that is also low maintenance. It is suited to grow in both sun and shade. Once established, it will require less watering and less mowing than a traditional lawn. A wise choice for saving water.

## Professional Turf Seed Mixtures

### Premium Sportsturf:

A professional turf mixture for play fields, parks, and hard wear areas. Seeding Rate: 4-6 lbs/1,000 sq.ft.

- RPR Blend Perennial Ryegrass (1<sup>st</sup> and 2<sup>nd</sup> generation)
- Gibraltar Creeping Red Fescue
- Wild Horse Kentucky Bluegrass
- Phenom Perennial Ryegrass
- RTF Tall Fescue
- Barduke Kentucky Bluegrass

### Select Sportsturf:

A quality turf mixture for play fields, parks, and hard wear areas. Seeding Rate: 6-8 lbs/1,000 sq.ft.

- Elfkin Perennial Ryegrass
- Perennial Ryegrass
- Creeping Red Fescue
- Kentucky Bluegrass

### Sandfield Sportsturf:

A professional turf mixture for play fields, parks, and hard wear areas with sandy soils. Seeding Rate: 4-6 lbs/1,000 sq.ft.

- Keystone 2 Perennial Ryegrass
- Home Run Perennial Ryegrass
- RPR Blend Perennial Ryegrass (1<sup>st</sup> and 2<sup>nd</sup> generation)
- Barduke Kentucky Bluegrass
- Wild Horse Kentucky Bluegrass

### Interior Sportsturf:

A professional turf mixture formulated for the BC Interior for playfields, parks, and hard wear areas. Seeding Rate: 4-6 lbs/1,000 sq.ft.

- Keystone 2 Perennial Ryegrass
- Amazing GS Perennial Ryegrass
- Barduke Kentucky Bluegrass
- Volt Kentucky Bluegrass
- Wild Horse Kentucky Bluegrass

### Links Golf:

A mixture of highly ranked varieties to work with the natural low input conditions of a links style course. Seeding Rate: 4-6 lbs/1,000 sq.ft.

- Gibraltar Creeping Red Fescue
- Barcrown II Creeping Red Fescue
- Bridgeport II Chewing's Fescue
- Keystone 2 Perennial Ryegrass

### Premium Tee & Fairway:

A top quality turf seed mixture formulated to make an excellent tee box seed blend. Seeding Rate: 8-12 lbs/1,000 sq.ft.

- Keystone 2 Creeping Perennial Ryegrass
- Nobility Perennial Ryegrass
- RPR Blend Perennial Ryegrass (1st and 2nd generation)
- Tiger II Colonial Bentgrass

### Premium 4-Way Overseeding:

A premium quality professional turf mixture for overseeding. Seeding Rate: 8-12 lbs/1,000 sq.ft.

- Homerun Perennial Ryegrass
- Amazing GS Perennial Ryegrass
- RPR (1st Generation) Perennial Ryegrass
- RPR (2nd Generation) Perennial Ryegrass



### 4-Way Overseeding:

A quality professional turf mixture for overseeding. Seeding Rate: 8-12 lbs/1,000 sq.ft.

- Phenom Perennial Ryegrass
- Keystone 2 Perennial Ryegrass
- Nobility Perennial Ryegrass
- Elfkin Perennial Ryegrass

## Beyond Turf

TerraLink offers a wide selection of Richardson Seed revegetation mixes, suitable for areas where a less formal or less manicured look is desired, or where disturbed soil needs to be protected.

From coastal to interior areas, we have mixes that are suitable. If you're looking for grasses that are low-growing, grass mixes that include wildflowers or perhaps native species, we can take care of it. We also do custom mixes to meet your specifications. Please inquire or visit us online at [www.thort.com](http://www.thort.com).

## Attention Hydroseeders!

TerraLink is the BC Distributor of Profile Product's superior EcoFibre line of mulch products.

**EcoFibre™ Premium Wood Fiber Mulch** covers the same area with 20-30% less product than cellulose mulches due to 100% Thermally Refined® wood fibers. EcoFibre has a non-toxic, green color added to assist in even application and allow it to blend in with the environment. EcoFibre initially protects seeds and enhances germination—and continues making a difference by decomposing into carbon dioxide, water and organic matter to further aid plant development.

### EcoFibre features:

- Longest fibers available
- Easy mixing
- Great performance with tanks or hoses
- Better matting ability
- No clumping or crusting
- More moisture holding capacity
- Best soil bond to help prevent vegetation failure and callbacks



**EcoFibre™ Plus Tackifier** is designed to provide extra protection on difficult sites where slopes, soil conditions or weather call for extra erosion control ability. It offers all the advantages of EcoFibre™ 100% Thermally Refined® wood fiber mulch, plus a high-strength polymer binder to ensure a smooth hydroseeding operation.

In addition, TerraLink also has the **ESP (Engineered Specified Products)** distribution for the province of British Columbia. Please contact us for more info.

## Biological Controls

Terralink Horticulture offers a wide variety of biological pest controls. As more communities and municipalities implement bans on cosmetic pesticide use, biocontrols are becoming more relevant in combating common pests associated with turf, ornamentals and home flower and vegetable gardens. The days when we can simply reach in the cupboard for “the spray” when we have insect problems will soon be gone; a new approach to pest control is required.

Terralink Horticulture purchases biological control agents produced by the largest, most respected and innovative Insectary world-wide: Koppert Biological Systems in Berkel en Rodenrijs, The Netherlands.

Unlike chemical pest controls, which usually work within hours or a few days, biological control takes a bit more patience and timing because they are living

organisms. Pesticides have been proven to repel and/or kill native predators and parasitoids (tiny wasps that lay their egg(s) in or on the host) so you have to keep on a beneficial release program, usually every one to two weeks. As well, improper or overuse of pesticides leads to the development of pesticide resistance. Biological controls on the other hand, usually only require 2 or 3 “releases” in and around the infested area. Again, patience is required, as it can take 2 – 4 weeks for the biological controls to become established. Once the natural and insectary-reared insects become established in the infested area(s), nothing more is required other than a once weekly inspection of the infested areas to assess the biological / pest populations. The occasional supplemental release should be considered to enhance the biocontrol population. Unlike chemicals, pests cannot develop resistance to biological controls.

### How to order Biological Controls from TerraLink:

TerraLink orders beneficials every Thursday for delivery on the following Tuesday (except statutory holidays). Order cut-off time is 12 PM (noon) Thursday.

Fly parasite orders are placed every other Thursday for delivery the following Wednesday.

Contact Cody for all your biological orders and assistance on how to choose the solutions right for you.

cody@tlhort.com  
or 1-800-661-4559

### Turf & Landscape

<b>Vine/Black Weevil</b>		<b><i>Heterorhabditis bacteriophora</i></b> (Nematodes)	50 million in gel
			500 million in gel
		<b><i>Steinernema feltiae</i></b> (Nematodes)	50 million in gel
			500 million in gel
<b>European Chafer Bug</b>		<b><i>Heterorhabditis bacteriophora</i></b> (Nematodes)	50 million in gel
			500 million in gel
<b>Crane Flies (Leather-jackets)</b>		<b><i>Heterorhabditis bacteriophora</i></b> (Nematodes)	50 million in gel
			500 million in gel

We've got you covered

## Delivery Service

### Delta Location:

Provides scheduled daily deliveries to Vancouver, Burnaby, New Westminster, Richmond, Delta and Surrey.

### Abbotsford Location:

Provides scheduled delivery to Fraser Valley, Coquitlam, Fraser River North Shore, Surrey and outlying areas.

Only A Call Away

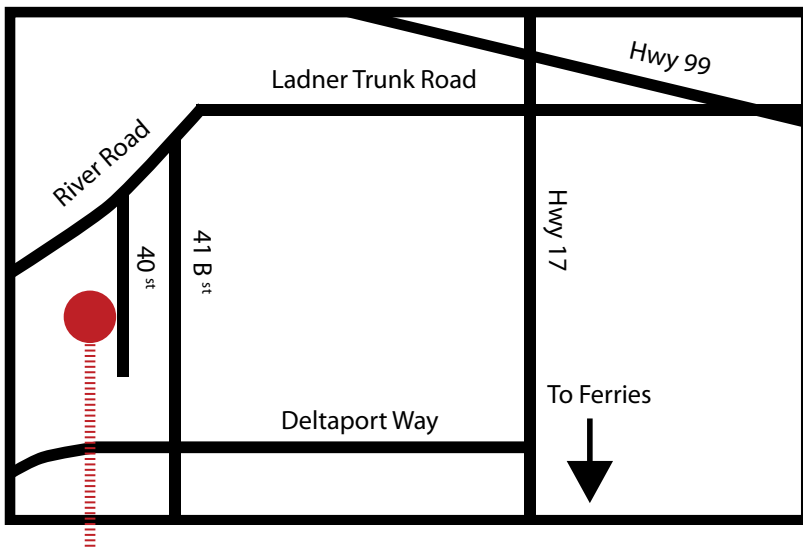
## Our Technical Sales Team

Please contact one of our technical sales representatives for more information:

Dale Kitsul: 604-866-3581  
Doug Speranza: 604-209-7418  
Rick de Jong: 250-862-6723  
Tye Coldwell (AB): 1-587-223-2041



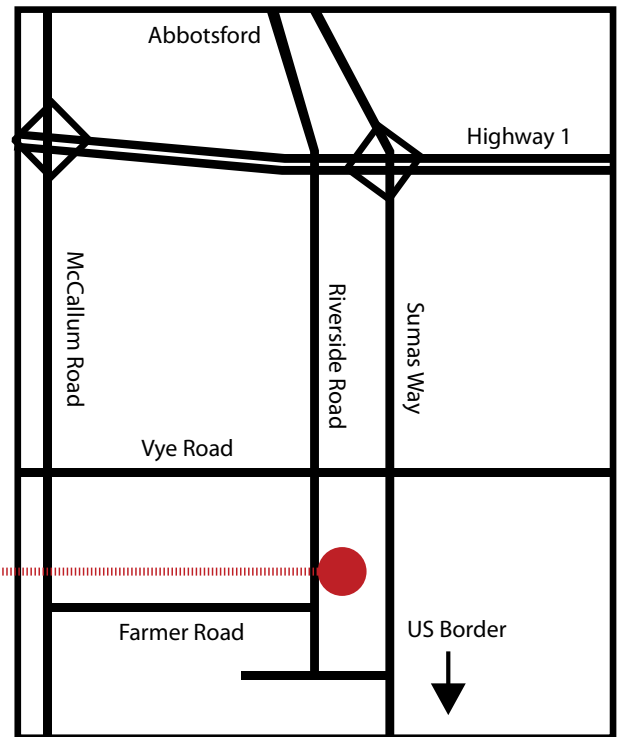
## Two Locations to Serve You Better!



**Roddick Fertilizers**  
**TerraLink Delta Location**  
4119 40<sup>th</sup> Street, Ladner  
Tel: (604) 946-2771

**TerraLink Horticulture Inc.**  
464 Riverside Road, Abbotsford  
Tel: 604-864-9044

For current opening hours, please visit [www.tlhort.com](http://www.tlhort.com) or scan this code with a free QR Scanner on your smartphone:



**TerraLink Horticulture Inc.**, 464 Riverside Road, Abbotsford, BC, V2S 7M1  
Toll Free: 1-800-661-4559 Tel: 604-864-9044 Fax: 604-864-8418 [www.tlhort.com](http://www.tlhort.com)  
TerraLink Delta Location, 4119-40th Street, Delta BC, V4K 3N2 Tel: 604-946-8338

# TerraLink