

Hoof Print

TerraLink Horticulture Inc.

Mane
Event
'14 Edition

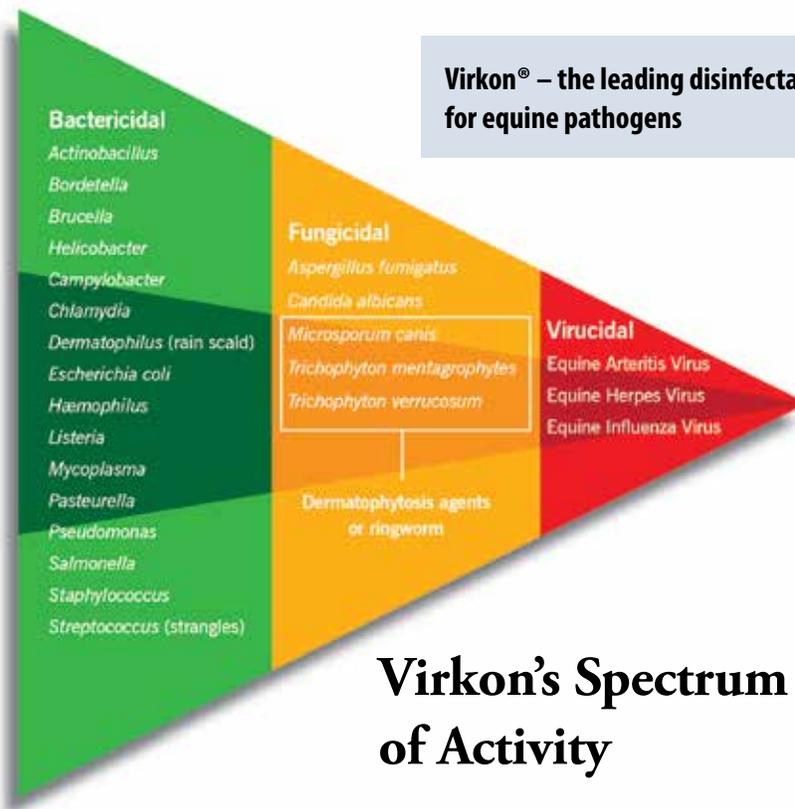
Newsletter
Fall 2014

Health Warning

Strangles is Back!

Any biosecurity program to control equine diseases should include vaccination, medication and hygiene – a three-tired “Triangle of Protection”. Practicing strict hygiene can help prevent the spread of pathogens by using **Virkon® – the leading disinfectant for equine pathogens**.

Strangles is a highly contagious and serious infection of horses caused by the bacterium, *Streptococcus equi*. The disease causes severe inflammation of the mucosa of the head and throat, with extensive swelling and often rupture of the lymph nodes, which produces large amounts of thick, creamy pus. Horses of all ages are susceptible, though Strangles is most common in animals less than 5 years of age. Although the organism is not very robust, the infection is highly contagious. Transmission is either by direct or indirect contact of susceptible animals with a infected horse. Direct contact includes contact with a horse that is incubating Strangles or has just recovered from the infection, or with an apparently clinically unaffected long-term carrier. Indirect contact occurs when an animal comes in contact with a contaminated stable (buckets, feed, walls, doors) or pasture environment (grass, fences, but almost always the water troughs), or through flies. Susceptible horses develop Strangles within 3–14 days of exposure. Animals show typical signs of a generalized infectious process (depression, decrease appetite and fever of 39°C–39.5°C). More typically of Strangles, horses develop a nasal discharge, a soft cough and slight but painful swelling between the mandibles, with swelling of the submandibular lymph node. Horses are often seen positioning their heads low and extended, so as to relieve the throat and lymph node pain. Recovered horses may shed *S. equi* from their nose and in their saliva



for up to 6 weeks following infection. Therefore, isolate all horses that have had Strangles from susceptible animals for 6 weeks following infection.

For the prevention of Strangles, isolate clinically affected animals or identified carriers immediately in a quarantine area, and clean and disinfect their water buckets or feed containers daily. Bedding can be burned or alternatively composted under a plastic sheet (to prevent spread by flies). Scrub with water and detergent any areas contaminated by infected horses, then disinfect by steam cleaning and/or applying effective

disinfectants such as **Virkon®**. Fly control is required to prevent spread during an outbreak.

How to control the spread of equine diseases

Stable Blocks

- Remove all movable equipment (feeders, drinkers etc)
- Remove all organic material (mud, soiled bedding and refuse) through scraping and brushing
- Using either a pressure washer, knapsack sprayer or watering can disinfect all surfaces with **Virkon®**

Rooted in your community.

TerraLink

solution (1:100 dilution rate)

- Allow surfaces to dry before replenishing bedding and replacing equipment

Feeders, Drinkers, Tack and other Equipment

- Wash drinkers, feeders, tack and other equipment with **Virkon**® solution (1:100 dilution rate) until visibly clean, leave for 10 minutes.
- Rinse thoroughly with clean water and then allow to dry.

Horse Trailer Disinfection

To help prevent the spread of disease via transportation:

- Remove all organic material (mud, soiled bedding and refuse) from inside the horse trailer and from around the wheels, wheel arches, mudguards and exposed chassis of the trailer using a stiff brush or pressure washer where necessary.
- Working from the outside in, and from top to bottom, disinfect all surfaces using either a pressure washer, knapsack sprayer or watering can. Use **Virkon**® at a dilution rate of 1:100, leave for ten minutes and then rinse thoroughly with clean water.

Aerial Disinfection

Stable dust and airborne nasal discharges can transmit infection from horse to horse. **Virkon**® can be used as an aerial disinfection spray to help control airborne disease causing organisms.

Using a knapsack sprayer or pressure washer, on a low pressure setting, spray **Virkon**® solution (1:200 dilution rate) into the stable on a daily basis.



Sign up at www.vetoquinolclub.ca for rebates and savings on Virkon products.

Please read the label before using the product for detailed mixing instructions and precautions.

NEW PRODUCT

Freshstall^K Equine

A new specialty product is available at TerraLink. Freshstall^K Equine is a unique blend of products with the following benefits:

- absorbs moisture and urine in the bedding
- reduces ammonia emissions
- improves the barn environment
- helps control disease pathogens
- acts to lessen flies and insects
- aerobically breaks down the bedding

Freshstall^K Equine is environmentally friendly and acts as a soil conditioner once it is spread on the land. Minimal dust is produced during application. Can be used to replace hydrated lime.

Remove horses from their stalls and apply Freshstall^K Equine directly onto stall bedding (shavings, sawdust or straw). May be mixed in if preferred. Apply more product each time fresh bedding is added. Use 1-1.5 lbs of Freshstall^K Equine to each stall or approximately 30 sq. ft.

Did you know?
TerraLink Delta doesn't only sell horse blankets, but washes, repairs and waterproofs your old ones!

Come visit us at
4119-40th Street, Delta

Useful Advice

Revitalize that tired, old pasture!

Sometimes the best way to remedy a problem field that is compacted and overgrown in weeds is to tear it out and re-plant it. This can be done in fall or spring. If you don't have the equipment to plough, disc and re-seed, ask the neighboring farms. Often, one of them will be happy to custom cultivate and re-plant for you. Take soil samples for lab testing. TerraLink's Plant Science Lab in Abbotsford will do it quickly, and the staff at the Sales Desk can give you a recommendation for fertilizer and lime. Farms in the Fraser Valley typically need liming in the fall, since the soils become acidic which may impact the growth and productivity of the best varieties of seed for your soils, climate and needs.

If you do not want to start from scratch and plough your fields and start fresh with new seed you can either rejuvenate or renovate your existing pasture. To choose the improvement technique you need to look at four key steps.

1. **Pasture Performance.** Why did the pasture perform poorly? Was it poor fertility, over or under grazing, weeds, the amount and distribution of forages, the amount of unproductive grasses, bare spots or the thinness or thickness of the sod? If performance is limited by fertility, grazing or weeds, then rejuvenation is an option. All other factors require renovation.
2. **Production Goals.** Depending on how quickly the pasture must be improved, rejuvenation is quicker than renovation and broadcast and sod seeding are faster than improvement methods using livestock.
3. **Limiting conditions.** These include topography, stoniness, drainage, accessibility of field to equipment, access to equipment, erosion potential and depth of soil.
4. **Cost.** What will the improvement techniques cost?

Rejuvenation involves using fertilization and then controlled grazing to encourage productive forage species to return and dominate a pasture. Soil tests are necessary to see if nutrients are lacking and if so, what amounts are needed for optimal growth.

Renovation is used when existing forage growth is patchy or unproductive. Success depends on selecting forages suited to the growing conditions in the field and region, preparation of the field, seeding at the appropriate time, soil fertility and moisture conditions at and following seeding and control of existing plants such as weeds.

For fields in the BC Interior, adding alfalfa to the mix improves palatability, digestibility and feed quality. Alfalfa may not survive our wetter conditions in the Fraser Valley.

Prior to renovation, cut or graze the area heavily to weaken the existing plants. Control problem weeds with an appropriate herbicide in the fall, prior to spring seeding. Seed as early in the spring as possible but not into wet soils which can impede future drainage in the field. Fertilize according to need based on soil tests but do not over apply as this will benefit the weeds more than the new forages.

Broadcast seeding is the easiest but is best done before a rain to help the seeds stick to the ground. Do not plant the seeds any deeper than one-quarter to one-half an inch or the seed may not have the vigor to emerge.

Rotational grazing can keep a new pasture in better shape. Don't graze your new pastures until fall so that the new plants sustain less damage. With proper

management your newly refreshed pasture will continue to feed your livestock for many seasons.

RICHARDSON SEED PASTURE MIXTURES

Richardson
Seed

Hay Baler Forage Seed Mix *

A high-performance forage blend designed for high-quality hay production. This mixture contains a large portion of orchardgrass, to which Barliza Timothy and Barolex Tall Fescue have been added to enhance the feed value. A small percentage of annual ryegrass has also been added to act as a nurse crop until the stand gets established. The components of this mixture have been selected with productivity and palatability in mind to produce top-quality haylage.

Horse & Sheep Pasture Mix *

Specially formulated for both the Coastal and Interior areas for pasture. Blend of two types of timothy, various fescues, orchardgrass, ryegrass and bluegrass. It provides high feed value and tolerates close grazing. This blend can also be cut for hay.

General Pasture Mix *

Do you have cows as well as horses? This is the mix for you. Suited to a hobby farm that has a bit of everything, this blend is meant for mixed grazing or silage. Quick regrowth and a good mix of orchardgrass, ryegrass, fescue and timothy adaptable throughout BC climates. This blend will do well in moist and irrigated soils.

*Richardson Seed forage mixtures do not contain endophyte enhanced grasses)

For seed options, fertilizers, weed control and other soil amendments, please contact TerraLink with all of your pasture needs.

Pasture Care

Do You Need Limestone?

In the Fraser Valley, TerraLink custom-applies limestone, which raises the pH of your soil. This is important to keep your pastures and hayfields in top condition. Restrictions may apply; please inquire at either the Abbotsford or Delta offices.

Your Seed, Feed & Supplements

Choosing Equine Feed & Supplements

Horses need different levels of feed and nutrition in their diet depending on age, current weight, activity level and overall health. An equine's stomach is a delicate balance of getting the right proteins, grains, hay, supplements, water intake and proper digestions of these substances. With literally hundreds of different feed types available, this can be quite challenging for a new or even veteran horse owners. Do your research and visit TerraLink Delta for your pasture seed, nutrient supplements and homeopathic care products.

SUPPLEMENT SELECTION

Basic Equine Nutrition was developed by Basic Sports Nutrition, whose owners have been involved with horses for over twenty years. There are remarkable similarities between a human athlete and a horse, particularly when they are involved in highly competitive sports. Both are consuming nutrients in far greater amounts than normal and the constant drive for success and performance inevitably leads to stress and strain on those bodies. Proper nutrition in these cases is of vital importance. Supplements available to support digestion, joint care, overall health and peak performance plus various herbs, vitamins, and minerals.

Riva's Remedies – Homeopathy to the Rescue



Homeopathy is a natural system of medicine dating back 200 years ago. While North America is slowly accepting homeopathy as an established form of medicine it is a widely accepted modality in Europe, UK, India and Latin America. Homeopathic remedies are highly diluted doses of substances to stimulate the body's own healing mechanism to promote health. The use of homeopathic medicines – popularly known as remedies – is based on the discovery that natural substances are capable of curing the same symptoms that they can cause – “The Law of Similars”.

Rivas Remedies is a line of homeopathic remedies, herbal supplements and vitamins and minerals that are very effective. The founder and formulator of Rivas Remedies is Marijke Van de Water, an Equine Health & Nutrition Specialist, Homeopathic Practitioner, and Medical Intuitive who has used her extraordinary skills and talents as a healer to help restore health to thousands of horses (and their people).

**10 % off
of Riva's
Remedies**

Coupon must be presented in store at the Delta location to qualify for the discount.

TerraLink Delta carries the following Riva's products:

- Bone up (Anxiety – Chronic, Injuries – Chronic, Muscle Soreness – Chronic)
- Broncaid (Coughs, Heaves / Allergies)
- Calm & Cool (Anxiety – Chronic)
- Chaste Berries (Metabolism Syndrome, Pituitary Function, Hormone Regulation)
- Digestive Drops (Diarrhea, Gas, Digestion)
- Equiderm (Skin Problems – General)
- Five Herb Digest (Colic – Chronic, Cribbing / Ulcers)
- Happy Foot – Hoof Health, Laminitis)
- Happy Horse & Happy Horse Senior (Hoof Health, Nutrition, Skin Problems – General)
- Healing Horses (Books & DVDs)
- Healing Oil (Wounds, Cuts, Abscesses, Skin Problems – General, Infections)
- Healing People (Books & DVDs)
- Hormone Boost (Hormonal Mares, Adrenal Burn-out, Fatigue, Metabolic Syndrome, Thyroid / Pituitary)
- Horsetail (Hoof Health, Healthy Skin & Coat, Urinary System)
- Iron Up (Adrenal Burn-Out, Fatigue)
- Joint Clear (Arthritis / Joint Pain, Injuries – Chronic, Laminitis, Muscle Soreness – Chronic)
- Life+Plus (Adrenal Burn-Out / Fatigue, Immunity, Thyroid / Pituitary)
- Magnesium Citrate (Anxiety – Acute, Colic – Chronic, Cribbing / Ulcers)
- MSM (Injuries – Acute, Injuries – Chronic)
- PARA+Plus (Parasite Toxicity, Weight Loss, Poor Condition)
- Pro-Colon (Colic – Acute, Cribbing / Ulcers, Diarrhea, Laminitis, Leaky Gut)

- Pro-Dygest (Cribbing / Ulcers, Diarrhea, Laminitis, Leaky Gut)
- Summer Tincture (Skin Problems – Insects)
- Thrush +PLUS (Anti-fungal / Antiseptic – Thrush, Fungal & Yeast Infections, Ringworm & Hoof Injuries)
- Vitamin B12 (Diarrhea, Liver Problems)
- Vitamin B6 (Hormonal Mares, Metabolic Syndrome, Thyroid / Pituitary)
- Vitamin C (Colds / Flu, Infections / Abscesses, Skin Problems – Insects)
- Vitamin E (Circulation, Fertility, Muscles, Skin & Neurological Disorders)

10 % off on all Grooming Supplies

(Brushes, combs, spray s and shampoos).
Coupon must be presented in store at the Delta location to qualify for the discount.

PureForm

Equine product formulations are not only unique but they are derived through scientific evaluation and then modified through actual testing on horses. Incorporate specific highly potent botanical extracts (nutraceuticals) that are guaranteed to contain standardized levels of pharmacologically active substances. Supplements for joint aids, trauma, all-in-one concentrates, digestive aids and performance.

We also carry various Otter Coop supplements such as **Lifeline**. Please inquire.

We are Local

Horse & Hobby Farm Supplies in Delta

TerraLink Delta store is your source for Equine supplies such as tack, feed, supplements, boots, gloves and grooming tools.

Fall Sales – Last season's horse blankets are on clearance. Limited sizes available so come into our store to see the deals you can get.

Why wear a blanket anyway?

1. By providing extra insulation you will help to keep weight on your horse during cold months – a cold horse uses energy to keep warm so blanket up and feed less!
2. Less time spent cleaning and grooming to keep your horse clean – go for a plus neck design for maximum coverage.
3. A good quality turnout blanket will provide extra protection should your horse get kicked, bitten or have an argument with a tree or fence post!

BRAND NEW WINTER BLANKETS IN STORE!

Bucas – Founded in Cork Ireland, we have perfected the “Stay-Dry” principle of using wicking linings that transport sweat and moisture away from the horse's skin while the inside of the lining remains dry. Turn out your horse without worrying about changes or extremes of weather. Long-lasting, hardwearing and easily maintained blankets.



Canadian Horsewear – All Canadian Horsewear Blankets have the Dupont waterproof and breathable coating by 3M. The best waterproof coating in the world! 1200 denier Ripstop Dupont coated shell for the ultimate in waterproof and breathable horsewear. “Our super high shoulder gusset allows for the best fit in Canada!” Deluxe features include double buckle adjustment front with Velcro, allowing this blanket to be sized one size up

and one size down. Elastic reinforced cross surcingles, elastic leg straps, tail flap and tail tie. The elastic leg straps are completely detachable with snaps.

Century – Great medium weight blanket, excellent for our West Coast weather. Waterproof and breathable with a smooth nylon liner. Double buckle front, criss-cross belly straps and elastic leg straps. Good economical option.

FENCING SUPPLIES

If you are looking to install an electric fence or repair an existing fence, Terralink Delta carries chargers, wire, connectors and step in posts for electric fencing.

LANDSCAPING SUPPLIES

Both of our Terralink locations in Abbotsford and Delta carry supplies as well for landscaping. This includes turf seed mixtures, weed control, pest and disease control and fertilizers, rakes, pruning equipment and safety gear. TerraLink also carries conventional and organic options depending on your growing philosophy. If you are looking for something to make your gardens and pastures grow better, we have the supplies you need.

20 % off on Mudrucker® Boots

Coupon must be presented in store at the Delta location to qualify for the discount.

