

# **PERFORMANCE ENHANCERS**

## ***IMPORTANT NOTES:***

*\*This synopsis is intended to give the reader a preliminary idea of what we carry. The list is by no means complete.*

*\*There is only room for a brief description of the products. Please call 604-576-2888 or email [info@CloverdalePharmasave.com](mailto:info@CloverdalePharmasave.com) for more information if you are interested.*

*\*You can purchase some of these products on line ([www.CloverdaleWellness.com](http://www.CloverdaleWellness.com)). However most of our specialty products are not listed there. If you cannot find what you need in our on-line store, please call 604-576-2888 or use the [Special Orders](#) form to place your order.*

*\*Wound care, hoof care, bandages, grooming products, antiseptics, poultices, hoof packings, etc. are listed under "OTHER VETERINARY PRODUCTS". Please go back to "Animal Health" and click "Other Veterinary products".*

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## **INTRODUCTION**

CLOVERDALE PHARMASAVE carries both natural and chemical performance enhancers for horses. In fact, we have been specializing in professional veterinary supplies for the past 50 years, so we dare say we were one of a kind of specialty drugstores. With experienced registered pharmacists and certified natural products advisors on staff, we carry many items that are not available from feed stores, tack stores, the average drug store, and on-line stores. We offer professional advice on selection, comparison, and proper usage of products. Our online store does not list all the items we carry. If you are interested in any of the products and need more information, please either phone 604-576-2888 or e-mail us at [info@CloverdalePharmasave.com](mailto:info@CloverdalePharmasave.com) and we will do our best to help you find the right product. **For complex problems, we offer "Live Well Consultations" in which we study your case and provide information on relevant products.** Please refer to "Live Well Consultations" for details.

## **DISCLAIMER:**

None of the following replaces timely veterinary care. None of the following is intended to make a claim. Not all of the following have been proven scientifically. Usage and indications in these cases are based on anecdotal evidence. Expected results vary from case to case. We suggest you check with your own veterinarian before using any of these products.

## **What is a “Performance Enhancer”?**

Horses can perform only if they enjoy good health and wellness. A good supplement program consists of

(A) a general daily vitamin/mineral/electrolyte, and

(B) specific therapeutic supplements that address the particular horse’s short comings.

Hence, a “performance enhancer” can be anything that improves a horse’s health and thence its performance.

## **A few words on drug testing:**

The action of administering anything to a horse in order to affect the horse’s performance prior to an event is regarded as illegal by most racing commissions.

However, if you still want to do that without being tested positive, the preferred medications/supplements to use would be homeopathic medicines and certain natural products.

Homeopathic medications had been so diluted that a positive testing is extremely unlikely. Many herbs may test positive as herbs such as white willow bark and devils’ claw may test positive because they contain chemically active ingredients.

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## **FOR BLEEDERS**

### **The choice of products depends on the cause of the bleeding**

Possible causes for EIPH include:

- (1) High Blood Pressure: hence Lasix, Uva Ursi tincture with Buchu extract, Apis Homaccord
- (2) Excessive blood volume: same treatment as above.
- (3) Fragile capillaries in lungs: use Hesperidin, Rutin, Traumeel, Bleeder Complex
- (4) Obstructive airway: use Breathe-X, TartepheDrEel, Mucomyst(Acetylcysteine)
- (5) Weak lung mucus membranes: Use Mucosa Compositum, Cinnamomum Chord
- (6) Heart beating too fast and too strong due to nervousness: Use HomeoCalm, Quiet-X, PS Calm, etc.

**Cinnamomum Chord Liquid:** Homeopathic mixture that strengthens the respiratory mucosa, prevents bleeding, facilitates breathing.

**Bleeder Complex:** Homeopathic mixture formula based on Xantex, pre-race and maintenance

**Traumeel ad us vet Injection:** Injectable form of Traumeel which is for all kinds of injuries and all kinds of bleeding. Used both for bleeders and injuries. Injection is used for pre-race and to booster other medicines after injury.

**Mucosa Compositum Liquid:** Homeopathic mixture that heals the mucosa of the respiratory tract thus preventing easy rupture and bleeding. Increases integrity of mucosa. Ensures normal functions of mucosa, i.e. oxygen perfusion in case of the respiratory tract. Also ensures normal mucus secretion of mucus membrane.

**Rutin** Previously called “Bleeder Mix”. Made by Herbs for Horses. Contains bioflavonoids, ginkgo biloba, hawthorn, horse chestnut, rosemary, soy oil and yarrow.

**Ascorbic Acid:** An affordable universal anti-oxidant. Maintains vascular fragility.

**Breath-X Liquid** (homeopathic complex with same formula as Xantex: Cinnamonum, Aminophylline, Atropinum, Apis Mel both for bleeders and breathing)

**Apis Homaccord:** “Homeopathic Lasix” : homeopathic preparation that works in line with Lasix in getting rid of excess fluid. Very useful for swellings due to injuries, stocking up due to immobility, heart failure (left ventricular failure), bleeder that has excessive fluid in the lungs, bleeders that are hypertensive, etc.

**Yun Nan Pai Yao Powder/Capsules** . “White Medicine from Yunnan”, Traditional Chinese medicine, available both in capsule or in powder forms, works like homeopathic medicine in preventing bleeding and accelerating healing of musculo-skeletal injuries.

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## FOR BREATHING

**Breathe-X:** Homeopathic medicine for enhancing breathing ability, air flow, and mucus. Can be used on a daily basis plus a couple of extra doses for pre-race. No side effects. Does not test.

**Acetylcysteine solution (“Mucomyst”) (“Parvolex”)**

For loosening mucus accumulated in the airways. Can be used in nebuliser or as an injection. No side effects. Does not test.

**Equipulmin Liquid:** Herbal (not homeopathic) mixture that works like Ventipulmin, i.e. bronchodilatation, cough, and mucus. 1 to 2 oz. per dose. Used daily or pre-race.

**Tartephedreel Liquid:** Homeopathic medicine for bronchodilation, cough and mucus. 3 to 5 ml per dose. No side effects. Does not test.

**Sputolysin Powder:** Mucolytic agent Dembrexine in a lactose base made by Boehringer Ingelheim. Traditional medicine for loosening up mucus.

**Mucomyst (Parvolex)** (Acetylcysteine, for inhalation)

**Air Power Liquid** (Finish Line, herbal bronchodilator)

**Antihistamine Powder** (mixture of pyrillamine maleate and Ephedrine hydrochloride by 3Vetoquinol) (\*\*\*)This is a chemical preparation that will test!!!) Also used for hives, allergies, broncho-spasm, coughs, sweat itch, etc.

**Antihistamine Injection:** The injectable form of the powder.

**Pulmonex** (Basic Nutrition): Contains grape seed extract, beta-hydroxy-beta methylbutyrate HMB, Bioflavonoids, Vit. C, bee pollen

**Breathe with/without garlic** (Herbs for Horses)

**Sodium Iodide Injection**

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## FOR ENERGY

**ATP**

ATP stands for Adenosine Triphosphate. ATP is a substance needed in cellular metabolism to convert carbohydrates and proteins to energy. Your horse may already be on a high carb diet but it will also need the ATP as a catalyst for generating energy. ATP comes in the form of a homeopathic liquid (**ATP 30X**). The injectable form (**ATP Injeel Forte**) (see \* below) is sometimes available. Both forms can be used for pre-race as well as for daily training. Because it is homeopathic medicine, the oral form is absorbed in the mouth, not in the stomach, and it works just as good as the injection if given properly and in adequate doses to allow for wastage  
\* The injection form is now unavailable directly from the Canadian supplier due to Government regulatory policies and has to be sourced from Europe. Supply is unpredictable. Customers may leave their names on our waiting list.

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**FOR “FLAT HORSES” (to “pick up” a horse, for a “lazy” horse)**

**Choose a good Blood enhancers**, e.g. Mega-Blud, Visorb-PS, VitaMaster. (see relevant section)

**Coenzyme Compositum Liquid:** homotoxicological preparation that stimulates the intra-cellular enzyme systems so the mitochondria of the cell turn out more energy. Good for muscle power, endurance, oxygen utilization, prevention of muscle cramps, and general health.

**Cactus Compositum ad us. vet Injection:** Homotoxicological preparation that stimulates skeletal and heart muscle functions. Efficiency of carbohydrate metabolism is improved, so energy output will be enhanced. Production of undesirable waste is decreased, and oxygen is better utilized.

**China Homaccord** (Heel): homeopathic ampoules for fatigue.

**ATP (see above)**

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**FOR BUILDING UP BLOOD (so the animal is “HOTTER” & more vigorous)**

**VitaMaster Injection** (New name for **Hemo-15 Injection**): This is an iron and vitamin preparation that boosts blood formation. When the animal has more red blood cells, it can deliver more oxygen from the lungs to the tissues.

**VISORB-PS:** *The best replacement for Visorbin that was discontinued in 2006.*

Compounded by Cloverdale Pharmasave Health Centre. Formula based on the original Visorbin liquid: Cyanocobalamin 8.34 mcg, pyridoxine hydrochloride 2 mg, folic acid 0.5 mg, ferrous gluconate 10 mg and sorbitol solution qs to 5 ml. Green liquid with palatable cherry flavour. Contains an absorbable form of iron supplement for horses, with vitamins to enhance blood generation.

**Mega Blud** Original maximum strength formula by Sterivet. Powder packed in daily pouches. 30 pouches per box. Oral haematinic to help maintain performance levels in horses approaching ultimate stress and an aid in the prevention and treatment of iron deficiency anaemia. Supplies essential vitamins and minerals including vitamin E to help muscle development, and zinc to meet increased requirements during growth and stress, speeding up carbon dioxide removal from cells. Also contains electrolytes.

**New Cell Injection** : like Hemo 15 but also with Liver Fraction which supplies natural forms of iron and natural B vitamins.

**CaCo Iron Copper Injection** : Copper is another element required for blood cell formation.

**B-12 5000 injection**

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## FOR ENDURANCE

Endurance is a complex matter. You need to have a perfect musculo-skeletal system that is powerful and also generates the least lactic acid during exertion. You need to be able to deliver oxygen to the muscles. You need to have good lungs to absorb the oxygen. The heart has to be strong as a pump to deliver blood. There has to be a balanced and optimal pH and electrolyte environment in the tissue fluids. The horse needs to be calm and focused.

**Endura Powder:** An electrolyte mix designed for athletes. Used in people, dogs, and horses. The electrolytes are *chelated* electrolytes so they get absorbed faster and better. As well they stay in the body longer before they are excreted. The salts are balanced for exercise and they are reinforced with minerals needed to prevent cramps. In addition, it contains *malic acid* that fights fatigue (use in Chronic Fatigue Syndrome). This preparation is made by a naturopathic company that sells only to medical professionals. It is very palatable, can be put in drinking water or made into a paste with honey or molasses.

Each dose is 1 oz for people and dogs, 2 or 3 oz for horse. It can be used also for daily training, to replace sweating during a hot day, and also to replace electrolytes lost in a diarrhoea episode.

**Endurance Complex Liquid:** A homeopathic mixture that contains all the elements for making the horse run faster and longer: something for lactic acid, for pain, for enhancing the heart pump, to facilitate breathing efficiency, to enhancing oxygen diffusion, combat excessive heat generation, calm the stomach and the nerves, relaxes the muscles and prevent tying up, something for perking up the energy, and contains the co-enzymes required for the Krebs Cycle (energy production).

Each dose is 3 to 5 ml 8 hours out and repeat as close to the race as possible. A dose after the race would help the horse to recover. No side effects. Does not test.

**Cactus Compositum Liquid:** A homeopathic mixture that enhances cardio-vascular function and facilitates circulation. No side effects. Does not test.

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## BODY BUILDERS

**BODY BUILDER:** Made by Equiade. A natural alternative to anabolic steroids. Builds muscle quickly. Also works as an anti-stress. Contains microcrystallized pharmaceutical grade rice bran oil that is well absorbed. Rice bran oil contains plant sterols including gamma oryzanol that have similar molecular structure to steroids. Through the anabolic effects, Body Builder increases muscle mass, increases strength and energy, leads to better performance. It also increases fertility in males and females. In addition, it increases calmness. Non-test. No side effects known.

**MUSCLE II:** Another natural alternative to anabolic steroids. Contains amino acid (leucine, valine, isoleucine, L-arginine etc.), glutamine which is essential for healing, beta sitosterol, casein hydrolysate, OKG (ornithine alpha ketogluterate) and gamma oryzanol for anabolic effects, vitamins B1, B6, zinc, which is an anabolic stimulus and testosterone like herbs including Tribulus Terrestris. Can be used for slimming, burning fat, and converting fat to lean muscle mass.

**RATION PLUS:** A probiotic preparation proven to help horses digest and absorb the feed. Voted "Product of the Year" by the world renowned horse nutritionist Michael Plumb who rated Ration Plus top ranking after comparing it with many other similar products. *It helps the horse to put on weight (muscles) through more efficient digestion.* It is ideal for hard keepers and performance horses that need to keep up their muscle mass. It works so well that many horse owners had to cut back the daily ration eventually. *Also good for gastro-intestinal disturbances* like frequent colics

and ulcers. Also produces nice hooves and coat as a bonus. Also reported to have calming effect on race horses. Feed 6 to 10 ml daily. One bottle lasts 2 – 3 months. Can be used long-term.

**Fish Oil:** works by increasing horses calorie intake. Also supplies “good fat”.

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### **FOR LACTIC ACID FORMATION:**

**Sportinine Liquid:** contains arnica for muscle pains and zinc sarcocollate to combat lactic acid formation in muscles so endurance is enhanced.

For racing: 5 ml 8 hours out and repeat another dose as close to the race as possible. And give another dose after the race to help recovery. (Compared to ATP schedule, you don't need ATP after the race because you don't need the horse to have extra energy anymore whereas for lactic acid, a lot is being built up during the race and you want to get rid of it asap). Try this on yourself (use the tablet form for people) during a strenuous exercise, and you will notice the benefit. The liquid is popular among race horses, and professional cyclists, lacrosse players, hockey players, skier have had good luck with the chewable tablets. It is also used in treating fibro-myalgia and chronic fatigue syndrome. No side effects. Does not test.

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### **FOR TYING UP**

**Sportenine liquid** (homeopathic mixture that prevents muscle sore and decrease lactic acid production during exertion)

**Spasm complex liquid** (homeopathic mixture that treats and prevents muscle spasm)

**X-tie Up paste syringe** by Finish Line. It has Vitamin B complex (B1 for calming, B 12 for vigor and blood, Niacinamide, Riboflavin and B6 for enhancing metabolism, pantothenic acid for decreasing lactic acid formation)

**Magnesium Sulfate injection:** very popular among standardbreds.

**Arnica 9CH (homeopathic single remedy, pre-race):** prevents EIPH.

**Traumeel ad us. vet injection:** *To combat muscle pain that causes tying up:* 5 to 10 ml IM or SC 4 to 6 hours out. Also good for joint pains due to over-use as well as any form of injury. Helps shorten recovery period by promoting healing of damaged muscle cells, so the horse is ready for the next event sooner, and the horse will perform better in the next event. Good for many conditions, but particularly effective for situations in which there is breakage of blood vessels and body tissues as in various injuries, EIPH, arthritis, etc.

**Zeel ad us. vet Injection:** Similar indication as Traumeel ad us. vet injection, but more suitable if the condition is long standing, e.g. chronic arthritis.

**Endura:** chelated electrolyte preparation.

### **Other items used for tying up:**

**APF** (adaptogen; herabl extract of *Eleutherococcus senticosus*, *Schizandra chinensis*, *Rhodiola rosea*, *Echinopanax elatus*)

**E & Selenium** preparations

**Potassium Chloride** powder

**Mag Vet:** oral magnesium supplement.

**DMG:** decrease lactic acid formation hence cutting down risk of tying up. Also used daily to booter immunity.

**Coenzyme Compositum homeopathic liquid:** homotoxicological preparation that stimulate the intra-cellular enzyme systems so the mitochondria of the cell turn out more energy. Good for muscle power, endurance, oxygen utilization, prevention of muscle cramps, and general health.

**Cactus Compositum homeopathic liquid:** Homotoxicological preparation that stimulates skeletal and heart muscle functions. Efficiency of carbohydrate metabolism is improved, so energy turn out is enhanced. Production of undesirable waste is decreased, and oxygen is better utilized.

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### **FOR PAIN FROM OVER EXERTION or INJURIES:**

**Traumeel Vet Injection** (From Germany): It can be used to treat injuries, sprains, even arthritis from overuse. 1 ampoule once to twice daily till better (any where from 2 to 5 days).

This can also be used for pre-race to prevent muscle pain and injuries, in which case you inject one ampoule 8 hours out and repeat one injection as close to the race as possible. No side effects. Does not test.

**Traumeel Liquid:** Liquid form of the injection. Comes in 30 ml bottles. Horse dose is 3 to 5 ml. Same effect as the injection but usually used more frequently than the injection.

**Pain-B-Gone Liquid:** Homeopathic pain killer. No side effects. Does not test.

**Phenbutol Liquid:** Homeopathic “Bute”. Works like the drug phenylbutazone but homeopathic. No side effects. Does not test.

**Vetri-DMG Sublingual liquid:** Short term or pre-race for enhancing oxygen utilization and hence preventing lactic acid formation in muscles. Labelled for dogs, cats, and birds, but can be used in horses. There is also a human grade. 5 ml 8 hours out and repeat as close to the race as possible. Also for long term use for boosting immunity as in allergies, repetitive infections, chronic cough, and general performance. No side effects. Does not test.

**DMG Oral Powder:** Used daily instead of pre-race to train the immunity to deal with lactic acid. Given daily for boosting immunity as in allergies, repetitive infections, chronic cough, and general performance. 1 – 2 oz daily for horse. 1 teaspoon for dogs. No side effects. Does not test.

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### **FOR PAIN FROM ARTHRITIS**

#### **OVERVIEW:**

Natural products for pain and arthritis can be classified into 3 groups.

1. Raw materials for healing and joint lubrications: these are the glucosamines, MSM, anti-oxidants.
2. Herbs, enzymes, and nutritional products that have pain killing and anti-inflammatory effects
3. Homeopathic medicines that can be looked at as catalysts that will kick start, accelerate, and augment the healing process.

These 3 groups of products can be used alone or in combination. Some proprietary products Contains mixtures of group 1 and group 2.

Usually the catalyst (Group 3) does not have to be used forever. The raw materials for healing (Group 1) on the other hand have to be used for a much longer period. The pain killers and anti-inflammatory agents (Group 2) need to be used only when there is symptoms and signs of inflammation.

### **Group 1: Glucosamine type of products**

**Adequan IM Injections**: Contains mucopolysaccharides which are the building blocks of connective tissue. Very effective for joint repair and support. Usually given once a week.

**Legend Injection**: Contains hyaluronate (hyaluronic acid polymers) which are the lubricating substance in joints. 2 to 4 ml injection once weekly.

**Recovery EQ & Recovery EQ HA**: From Biomedica. Safe for racing. Mixture of glucosamine hydrochloride, MSM, antioxidants, minerals and vitamins for joint recovery and support. Provides the building blocks for repair and recovery. Cost effective. Extra joint lubrication is offered by the “Extra Strength” with hyaluronic acid (HA)

**Glucosamine Plus** (Science Pure: glucosamine, MSM, Vit C, etc.)

**Regenerex** (Basic Nutrition: glucosamine, MSM, magnesium, boswelia)

**Glucosamine**, pure

**MSM**, pure

**Vitamin C**, pure (Ascorbic Acid USP)

**CT Support** (Science Pure): contains additional vitamins and minerals for every day use. Supports connective tissue health.

**Performance One** (Science Pure): A daily supplement that has all the nutritional products essential for performance, including those for joints.

**Fluid Action** (Finish Line: glucosamine, MSM, Yucca): Yucca is a anti-inflammatory pain killer. Ideal if a fluid supplement is preferred.

**Fluid Flex** (fluid with glucosamine, chondroitin, yucca, zinc, bromelline, grape seed extract, copper manganese, zinc, etc.)

### **Group 2: Herbal & natural anti-inflammatories & pain killers**

**Lakota Equine Joint Care Formula** (powder mixture of North American, Chinese & Ayurvedic herbs and glucosamine)

**Extra-strength Herbaspirin** (Herbal mixture, some herbs may test +ve)

**Nasprin** (Herbal mixture, some herbs may test +ve)

**Mobility** (Herbal mixture from Herbs for Horses)

**Synovicare** (Herbs for Horses)

**ThermoFlow leg wraps**: (ceramic fibres in the wraps reflect infra red back into the tissues of the legs, increasing circulation and prompting healing, hand washable)

**Equi-block** topical application.

**Dynamint liniment**

**Chapman’s liniment**

## **TRADITIONAL REMEDIES (Chemical pharmaceuticals)for pain & inflammation**

**Horse Aspirin** Boluses: No need for prescription. Not as potent as Bute but will kill pain.  
Bute: Phenylbutazone: flavored or unflavored: on prescription only. We carry these and will fill a vet's prescription.  
Absorbine analgesic gel  
Absorbine Horse liniment  
Workalin Blister  
Postyme 5 Day Blister  
Briodine (= MacKay's Maxlin) Injection  
Vesicin (Red Mercury Blister) (The c is pronounced like a k)  
Shin-Band  
Bone Raiol (BR) Liniment

### **NATURAL LINIMENTS for pain & inflammation**

**Chapman's Liniment**: Herbal and homeopathic combinations for muscle soreness from exercise, sprains and musculo-skeletal stress. Formulated by a horse lover from her own experience with herbal medicine.

**Dynamint Equine Peak Performance Rub**: Very strong analgesic rub, best for massage therapy. Produces cooling effect, not heating, hence may reduce congestion and inflammation, as well as numbing effects.

**Traumeel Vet Gel**: This is the popular Traumeel ointment used by a vast number of households for sprains and muscle soreness, but in a gel form in bulk for horses. Accelerates the healing process. Shortens healing time by several folds. The gel makes it usable in furred animals and makes absorption easy and fast.

**Equi-Block** cream, **Equi-Block DT** (Daily Training) Liniment, and **Equi-Block LT** (leg tightener) Liniment: This line of analgesic and rheumatism cream/liniment produces soothing heat in addition to pain killing effect. Good for situations in which the horse feels better with warmth. Not good for acute injuries in which case something that has cooling effect would be better (e.g. Dynamint Equine Rub).

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### **Group 3: Homeopathics**

**Zeel Vet Injection**: Homeopathic injection that acts as pain killer, anti-inflammatory and promotion of healing. Works best with Adequan, Legend Injections, or oral Recovery EQ. Glucosamine, MSM and anti-oxidants are the raw materials for healing. Homeopathic medicine like Zeel, Traumeel are activators or catalysts that kick start and accelerate the healing. No side effects. Does not test.

**Zeel Compositum Tablets**: This is the oral form of Zeel Injection. The tablets can be crushed and dissolved in water to be administered orally. Horse dose is 5 tablets crushed. Comes in 50's and 250's For people and dogs, the tablets can be chewed, left in the mouth for a while and swallowed.

**Homeoartril Liquid**: Homeopathic complex for oral use. For arthritis due to abuse, injuries, overuse, etc. 3 to 5 ml once daily. No side effects. Does not test.

**Dyne Complex Liquid**: An alternative to Homeoartril, originated from Standardbred racetracks. Cost No side effects. Does not test.

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### **FOR STRESS, CALMING, PSYCHOLOGICAL PROBLEMS**

**Gait Shy Complex**: Homeopathic liquid mixture for anticipation, sweating and trembling at the gate.

**Stage Freight Complex**: Homeopathic mixture in pellet form, similar in action to Gait Shy Complex, usually used for people.

#### **Quiet-X Liquid**:

Formula based on the discontinued popular product called **Quietex**. Please note: Quietex and Quiet-X may test positive for Valerian. So if you want to use this for racing, use PS Calm Liquid instead (see below).

**PS Calm Liquid**: THIS IS THE ONE FOR RACING. Great for gate shyness, stage fright and anticipation anxiety. This is Quiet-X (Quitex) with the valerian replaced by homeopathic Aconite, Gelsemium, & Cuprum Met. As effective as if not better than Quietex. No side effects. Does not test.

**HomeoCalm Liquid**: General homeopathic tranquilizer. If one does not work, the other one might. Just an option. No side effects. Does not test.

**Rescue Remedy**: Popular homeopathic sedative for panic attacks and mild tranquilizing. Comes with dropper pipette or in aerosol spray bottles. No side effects. Does not test.

**Atravet** or **Acevet** (chemical tranquilizers powder, pills or injection: Will test +ve). This is an OTC item, i.e. you can buy from us without a vet prescription.

**Coffea Cruda Chord**: For focusing. Especially useful for dressage.

Please note there are 2 versions: one for training, one for competition. The one for competition has very high dilution of the homeopathics and will never test. Use the "Training" one for daily training and use the "Non-Test" one for competition.

**ACTH 30X Liquid**: Homeopathic ACTH. Good for horses that had been drugged or stressed.

**Adrenal Cortex 4X**: Homeopathic form of adrenal cortical hormone: Used for pain, inflammation, and for balancing adrenal equilibrium. No side effects. Does not test.

**Dr. Bell's Wonder Drops**: Dr. Bells DVM (Wonder Drops) had been discontinued by the manufacturer in the 80's. Since then we had followed the formula and commissioned our homeopathic lab (Boiron Laboratories in Quebec Canada) to make a replacement that we called **ABCD Complex**, so named because the formula contains **A**conite, **B**elladonna, **C**olumbrina (Num Vomica), and **D**igitalis in homeopathic dilutions. We sell it for one third the price of the original. People use it for shipping fever, colic, and stress in horses and farm animals. There is no side effect and can be used on any age and breed. Many old timer farmers had this product in their first aid kit. When they didn't know what to do they gave a few doses of Dr. Bell while waiting for the vet to come.

**ABCD Complex** (similar in formula and effect to the old **Dr. Bell's Wonder Drops**) homeopathic for shipping, colic, nerves, and GI: This is the exact copy of the old "Dr. Bell's Wonder Drops", which was extremely popular for horse and farm animals: for colic, shipping fever, agitation, etc. Contains Aconite, Belladonna, Columbrina, Digitalis in homeopathic (not chemical or allopathic) forms.

**Rescue Remedy** (Bach Flower homeopathic general calmer): Very popular general tranquilizer. It's for horses, dogs, cats, people and any living being. Made from Bach Flower remedies (see below). It is a type of homeopathic medicine. No side effect. Non-test.

**Augmented Rescue Remedy**: Our own formulation of Rescue Remedy that has been further potentized. Try this if the regular Rescue Remedy from Nelson Labs does not work.

**Bach Flower Remedies**: A special type of "homeopathic" medicine invented by Dr. Edward Bach in England. Each remedy addresses one particular trait of the mental condition. A few remedies can be used at the same time. Bach Flower remedies are used when specific psychological problems can be identified. Examples: fear can be due to lack of confidence, agitation can be due to jealousy when a new horse is introduced, anxiety can be due to movement into a new home, etc. In these cases, specific Bach Flower remedies can be picked to treat the particular problem. We have an assortment of pre-mixed remedies for common conditions: **Jealousy**, **Abandonment**, **(separation anxiety)**, **Aggressiveness**, **Hyperactivity**, **Neediness**, **Confidence (Self Esteem)**, **Obsessiveness** (as in pacing, licking, chewing), **Territory Marking** (spraying in dogs, territory protection in horses).

**Thiamine Hydrochloride powder (Vit B1, pure)**: Vitamin B1 (thiamine) is known to have calming effect on nerves.

**Vitamin B1 crumbles**

**L-Tryptophan**: see Trypto-B below. Tryptophan is an amino acid that has calming effects.

**Tryptophan**: see Trypto-B below.

**Trypto-B (pure L-tryptophan and pure Vitamin B1 mixture, 1:1 ratio)**

Legally we cannot sell L-tryptophan as a 100% pure product. So we compound "Trypto-B" which is a 1:1 mixture of L-tryptophan and Thiamine hydrochloride. Both Tryptophan and Thiamine are natural calming agents and they work synergistically. Trypto-B works even better than pure L-tryptophan because it has the synergistic effect of Vit. B1. Dosage: 1 to 3 teaspoonfuls per dose depending on the horse. FOR AN EVENT (a show, or a race) : Load up for 3 days with 3 teaspoonful a day before the event. Give another 3 tsp as close to the event as possible. FOR EVERY DAY USE FOR A HORSE THAT TENDS TO BE AGITATED: Usually 1 tsp a day should produce good results. Being a physical substance, both Tryptophan and Thiamine can be tested. Please check with the authority of your discipline for list of items tested.

*Note: if testing is a concern, please consider using homeopathic medicines listed above. Homeopathic medicine will NEVER test.*

**Chill (By Omega Alpha Pharmaceuticals, Dr. Gordon Chang, www.oapharma.com)** Liquid herbal extract containing Polygonum Multiflori, Albizia Kalkora, zizyphus jujube, Biota Orientalis all of which have calming effects. Available in 1L and 1 gallon sizes. Dosage: 30 to 60 ml 1 hour out.

**Mag Vet** (Magnesium oxide supplement) for nerves and for tying up.

**Serenity with and without Valerian** (Herbs for Horses) Herbal mixture. Valerian might test +ve)

**Fiesty Mare** (for mares in heat or having PMS)

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**FOR GAINING CONFIDENCE**

**Confidence/Esteem** Bach Mix: Bach Flower Remedy mixture for courage, confidence, self-esteem, indecisiveness, and fear. No side effects. Does not test.

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### **FOR IMPROVING FOCUSING ABILITY**

**Coffea Cruda Chord Liquid**: 3 to 5 ml 8 hours out and repeat as close to the race as possible. No side effects. Does not test.

**ADHD HYPER BACH MIX**:. Just a few drops in mouth daily. Can also be used as pre-race together with Coffea Cruda Chord above, in which case separate the two by 10 to 15 minutes instead of giving at the same time. No side effects. Does not test.

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### **A BASIC COMPETITION PROGRAM**

#### **(A) Daily supplements**

“Performance One” and “Ration Plus”

#### **(B) For pain killing and improved endurance,**

Starting 3 days before the race,

Give the following every day for 3 days:

Traumeel us. ad vet injection,  
Endurance Complex Liquid  
ATP 30 X Liquid,  
Sportenine Liquid

Give all the above the night before the race.

Give all the above the morning of the race again.

This program will kill pain during the race, improves endurance, and accelerate recovery from the race. None of the products will test positive.

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### **DAILY VITAMINS**

**Performance One** (Science Pure, all round daily vitamin, minerals, glucosamine, MSM, creatine, DMG, lysine, methionine, vit. C, biotin, etc.)

#### **Mega Blud**

Designed for the performance horse. Original maximum strength formula by Sterivet. Mixture is in powder form packed in daily pouches. 30 pouches per box. Oral haematinic to help maintain performance levels in horses exposed to ultimate stress and an aid in the prevention and treatment of iron deficiency anaemia. Supplies essential vitamins and minerals including vitamin E to help muscle development, and zinc to meet increased requirements during growth and stress, speeding up carbon dioxide removal from cells. Also contains electrolytes. Mega Blud is the choice to replace the discontinued Visorbin because of the quality, time honoured efficacy, ease of administration and affordability.

**Nutrequin Classic** and **Nutrequin Elite** (veterinarian professional grade multi vitamin/minerals)

**CT Support** (Science Pure: CT stands for Connective Tissue: glucosamine, MSM, vitamins, mineral, DMG, etc.)

**Equine Super Diet** (by Vetoquinol, similar to the discontinued “Replenish”: best value high grade daily all round vitamin/ mineral. Highly palatable, apple flavored pellets. For the performance horse,

mares and foals. Contains zinc, copper and other minerals that may help prevent bone problems in young horses.)

Dr. Reed's #1 (powder) and  
Dr. Reed's #2 (pellets): The #1 (powder) is for general use. The #2 (pellets) is formulated specifically for mares and foals to prevent DOD's (developmental orthopaedic disorders including contracted tendons, epiphysitis, etc.), but *the pellet is in fact safe for any kind and age of horse*. These vitamins are formulated by Dr. David Reed who had practiced in BC for decades and who is very familiar with the deficiencies in local feeds. So, these vitamins are good daily "insurance" supplements for horses on local feed. The famous equine nutritionist Shannon Oldham-Dueck as well as Unifeed's Dave Dybel were also instrumental in its formulation. There is an article by Karen Briggs outlining the benefit of this supplement in the March 2005 edition of the Pacific & Prairie Horse Journal. Dr. Reed's vitamin is made locally in the Fraser Valley and we do not have to order large quantities so the stock is always fresh. And finally, the price is right. For more information, phone Dr. David or Mrs. Wendy Reed at 250-546-6902. You can also email them at [thereeds@uniserve.com](mailto:thereeds@uniserve.com).

Ultra-Kelp (Dried Norwegian kelp good for general health, coat, hoof, vitality, used as a general daily vitamin supplement.)

Kelp (Herbs for horses)

Wheat Germ Oil (for coat and joints)

Fish Oil (Omega fatty acids, the good fats, for coat and joints)

Dicalcium Phosphate (calcium supplement for bones and for typing up)

MegaSel liquid (E & selenium, good for typing up)

E & Selenium Powder/Crumbles

Mega E 10.000 powder (Vitamin E for typing up, for anti-oxidant action)

### **ELECTROLYTES**

**Endura (Metagenics):** Electrolyte designed for strenuous exercise, has magnesium for preventing

cramps, has malic acid for preventing fatigue. Metagenics designs and makes professional naturopathic grade supplements. Orange flavored. Highly palatable.

**Aminolean IV Injection:** "Electrolyte Jug" (Vetoquinol: similar to Amino Plus and Amino Dex)

Lactate Ringer Injection: for IV, Intra-peritoneal, subcutaneous, or topical rinse uses.

Electrolyte IV Injection

Cal-Plus IV injection (Calcium borogluconate injection)

Dextrose IV injection

Sodium Iodide Injection

Normal Saline Injection

Liquid Electrolyte from Vetoquinol (easy to use, just pour into water trough).

E-Charge (electrolyte)

Apple-Eh (apple flavored electrolyte)

Quench Apple

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### **PROBIOTICS**

**Ration Plus:** The probiotic of choice according to Michael Plumb, elected Horse Product of the Year by The Horse Journal, does not contain live organisms so the horse does not have to deal with

the immigration of foreign organisms. Instead of importing foreign organisms Ration Plus provides a favorable environment for intrinsic (existing) organisms to flourish and re-establish themselves. Effective for weight gain and for hard keepers because it enhances digestion, absorption and assimilation of the feed. Also for frequent colics and other digestive disorders, good adjunct to antibiotic and dewormers. Need to be mixed with feed. It cannot be put directly into mouth.

**Probio Plus (Herbs for Horses):** dried live organisms. Ideal when immediate replacement is required.

**Equine Choice:** Not just a probiotic. Contains vitamins and minerals. For daily use. Effective for fixing gastro-intestinal problems.

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## **IMMUNE BOOSTERS**

**Thymuline 9CH Liquid:** Standard homeopathic treatment for immune problems including allergies.

Vit C powder

Vitamin C injection

**Echinacea compositum ad us. vet injection**

**APF :** Liquid herbal concentrate: adaptogen: herabl extract of Eleutherococcus senticosus, Schizandra chinensis, Rhodiola rosea, Echinopanax elatus)

**Engystol Vet Injection :** homeotoxicological preparation for immunity

**Coenzyme compositum homeopathic liquid**

**Echinacea Plus Powder (Basic Sports Nutrition)** (herbal & vitamin preparation for immunity)

**Probiotics (as listed under “Probiotics”)**

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*For other products, please check out “Other veterinary products”*