



# EQUINE

## Nutraceutical *Range*

Maximising Equine Health & Performance since 1986





Manufacturing over  
**120**  
Formulations

## Mervue Laboratories since 1986

Mervue Laboratories is a privately-owned equine nutraceutical and specialty products company established in Ireland in 1986. Mervue Laboratories have over three decades experience manufacturing and supplying high performance nutritional products to the global equine market. At Mervue Equine, we strive to set the standard for research, development and manufacturing of high quality veterinary formulated nutraceuticals to maximise the health and performance of horses worldwide.

Our state of art production facility located in Cork, Ireland employs the latest technology to ensure that all the products are manufactured to the highest standard under GMP+ and to ensure the highest quality and full product traceability and safety. Rapidly expanding export growth and a robust new product development pipeline has transformed Mervue Laboratories into one of the fastest-growing nutraceutical companies in the world.

Mervue Laboratories offers a wide range of Equine products, which are all manufactured at our facility in Cork, Ireland under GMP+, EU licence number: aIEC100343, to ensure the highest quality Equine products are manufactured with full product traceability and safety, making us an industry leader.

At present, Mervue Laboratories manufactures over 120 different formulations, many of them made to the exact requirements of vets and trainers worldwide. Mervue Laboratories exports to over 60 countries worldwide.

## Researched, developed & manufactured at our state of the art facility in Cork, Ireland.

Research and development are key to the success of the Mervue Equine product range with R&D at the heart of everything we do. Mervue Laboratories Ireland employs a team of highly qualified nutritionists, veterinary doctors and chemists who use the latest research from across the world to formulate the highest quality Equine performance products.

Central to our team's R&D approach is collaborating in new and dynamic ways with other innovators across the Equine industry including Academic Scientists, Nutritionists, Horse trainers and Veterinary Scientists.

We focus our efforts in core areas where we believe Mervue is best positioned to bring unique, performance products to our customers to maximize the health and performance of horses.

## Mervue Champions

Mervue Equine Ireland supports and works with a family of Mervue Champions who embody our ethos for high quality veterinary formulated nutritional products aimed at high-performance horses.

The Mervue Champions are leaders in their fields and believe in the difference high quality nutritional solutions can make to the health and performance of their horses. The Mervue Champions Family include some of the world's leading Horse trainers and Olympians.

### These include:

**Aoife Clark – UK** – Irish International and Olympic Three-Day Event Rider

**Sergio Martín – Spain** - International Dressage Rider, Spain

**Shane Carey – Sweden** - International Show Jumper

**Joseph Murphy - Ireland** - Irish International and Olympic Three-Day Event Rider

**Tholm Keane – Ireland** - National Show Jumper

**Angela Lyons – Ireland** - International Para Dressage

**Jack Ryan – Ireland** - International Show Jumper

**John Murphy - Ireland** - Horse trainer and Breeder



## Production to the highest standards

Today, Mervue means superior quality, because Mervue has based its 35 year history on using the highest quality ingredients in combination with a world class research and development programme. At the same time, Mervue has adopted the highest quality standards producing Equine products under GMP+ quality standard in Cork, Ireland.



All Mervue Equine products are tested in the Forensic Laboratories, Newmarket, England to meet the current rules and regulations of the Jockey Club (at time of going to print).

The laboratory checks that, the final Mervue Equine product is free from all the 10 natural contaminants (morphine, atrophine, bufotenin, caffeine, theophylline, theobromine, methylbufotenin, dimethyltryptamine, hordenine, thebaine) & Hyoscine for which vigilance must be maximum because of their possible presence in feed ingredients.

Regarding any specific queries about national rules or regulations within your Country, we advise contacting your National Federation in relation to your discipline and/or withdrawal of a product for a minimum period of 48 hours should a query arise.

It is this focus on quality and performance that makes Mervue Laboratories the leading specialist in high performance Equine nutrition and Equine health products. The production process starts with the careful selection of raw materials to meet the specific requirements of the horse and our strict GMP+ pharmaceutical standards under which we operate. Each Mervue Equine product must be in compliance with the highest European Quality Standards and this is carefully monitored in each phase of development and during the production process.

It must be noted the information contained in this brochure is of a general nature and is provided for information purposes only and should not be relied upon as a complete definitive statement in relation to any specific issue. For specific product information or information request please contact Mervue Equine directly.

The products in this brochure are not available in their current form in the USA. A selection of Mervue Equine products contained in this brochure will be exclusively and specifically produced to meet FDA guidelines in the future.







# MEET THE TEAM

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## **Martin Beirne – Founder and Technical Director**

Mervue Laboratories was founded in 1986, by friends Denis Twomey and Martin Beirne, who saw a growing need for high quality customised feed supplements worldwide. Since then, under the technical direction of Martin the company has grown to be one of the largest premix and nutraceutical facilities in Ireland. With his career spanning UK, USA and Irish agriculture and with qualifications in applied biochemistry and animal nutrition, Martin's unique approach to nutrition-based health drives innovation and continuous improvement at the core of Mervue Equine.



## **William Twomey – Commercial Director**

Graduated with an undergrad degree from University College Cork in 1993 and a postgraduate in animal nutrition from Edinburgh, William has a passion for equine nutrition based health and performance. A horse owner for many years and a keen equine sport enthusiast, William always had a personal interest in equine nutrition and works closely with our team of scientists, veterinary surgeons and nutritionists as well as our global equine partners and leading trainers to develop Mervue Equine's unique performance nutraceutical products.



## **Des Cronin – Head of Animal Health and Nutrition**

Having completed BAgSc (Hons) from UCD in 1987 and an MBA from University of Limerick, Des has over 30 years' experience in the equine industry. Des provides technical and nutritional support to our Irish and export customers across all animal species. Des is also highly involved in the Mervue's Innovation, Research and Development programmes, heading up several NPD projects' teams for our world class innovation projects.



## **Dr. Fiona O'Meara BAgSc PhD – Nutritionist**

Fiona completed her Agricultural Science degree at University College Dublin and recently completed her PhD, in animal nutrition at Waterford Institute of Technology. Fiona has been involved in horses for many years. She has evented up to international 2\* level with several horses. Fiona has also groomed for Irish international event riders and Team Ireland at events such as Badminton Horse and Senior European Championships. Fiona is also Event Secretary for a National one-day event at her homeplace in Clyda, Cork, Ireland.



## **Sam Sweetnam – Nutritionist**

As Nutritionist with Mervue Laboratories since 2015, Sam has over 10-years' industry experience providing nutritional and technical support to both our Irish and export customers. Sam is particularly passionate about nutrition, with a BSc in Agriculture from Aberystwyth University, Wales and is an IASIS Accredited Professional Agronomist as well as extensive hands-on experience.



## **Shirley McCarthy – Head of Quality & Compliance**

With over 25 years' experience in both human pharmaceutical and animal nutrition, as Head of Quality & Compliance for Mervue Laboratories Shirley is responsible for the Quality Management Programme and is responsible for the drive forward in Export Registration and R&D which will facilitate the growth and development of both businesses into the future. Under Shirley's Quality management, Mervue Laboratories was the first animal nutrition manufacturer in Ireland to achieve GMP+ certification and has maintained Zero Non-Conformance Audits since 2018. Continuous improvement is at the core of our business to ensure the highest right-first-time quality manufacturing and traceability standards for our customers and most recently our quality management has been certified under BETA NOPS.

# EQUINE Product Guide



## PROBIOTICS & GASTRIC HEALTH



### ProBio

Advanced digestive & gastric support for horses



10

### Gastrofen

For horses with ulcers



12

### Co-Lix

Supporting horses with spasmodic colic



14

### SandFix

Supporting horses that ingest sand



15



## CALMING

### SuperCalm

For Nervous Horses - at times of excitement & anticipation



17

### VetiCalm

For daily feeding to nervous horses



19

### Tranquility

For horses on box rest and recovering from injury and breeding



21



## HOOF CARE

### Hoofpak

Supporting healthy hooves



23



## BLOOD BOOSTERS

### BloodAid

Blood booster supporting blood, energy, metabolism and recuperation



25

### Iron Booster

Chelated iron and vitamins booster



26

### Iron +

Chelated iron paste



28

### Copper Booster

Chelated copper paste



29



## PULMONARY BLEEDING

### Hemoforte

Pulmonary support for horses prone to pulmonary bleeding



32



## LIVER SUPPORT

### LiverPak 100

Vital nutrients boosting liver function & metabolism



36



## ELECTROLYTE & RECOVERY

### StartAid Electrolyte

Triple action electrolyte with antioxidants



40

### RecoBoost

Racing recovery with BCAA, electrolytes and antioxidants



42



## BREATHING & IMMUNITY

### Respiro

Naturally supporting immunity & healthy breathing



45



## MUSCLE & MOBILITY SUPPORT

### BCAA

Branch chain amino acids supporting muscle recovery after strenuous exercise



48

### AminoBoost

Muscle builder



50

### ArthroForte

Mobility support plus curcumin



52

### EliteFlex Forte

Mobility supplement for the longevity of a horse in their performance career and retirement



54

### Nutra-fix

Acid neutraliser & alkali replacer



56



## OPTIMUM SKELETAL DEVELOPMENT & CONFORMATION

### Osteovital

Building bone density and strength



59

### EquoCalmin

For optimum skeletal development and conformation for mares in foal, weanlings, yearlings and two year olds.



60



## ANTIOXIDANTS

### Racing E

Powerful antioxidant formula



63

### Power E

Natural vitamin E + carnitine to boost metabolism (no Selenium)



65



## FOUNDATION PRODUCTS

### EquiBoost

Complete multivitamin conditioner plus prebiotic for high performance horses



68

### SuperBooster syrup

High performance mineral and vitamin syrup



70



## ENERGY RELEASE

### Lactese Plus

Lactic acid utilisation & energy release



74

### Energy 1000

Racing Energiser



75

### Energy 1000 A&B

Two step energy release programme



76

### SuperBooster

Energy booster for competition



78









# PROBIOTIC & GASTRIC HEALTH



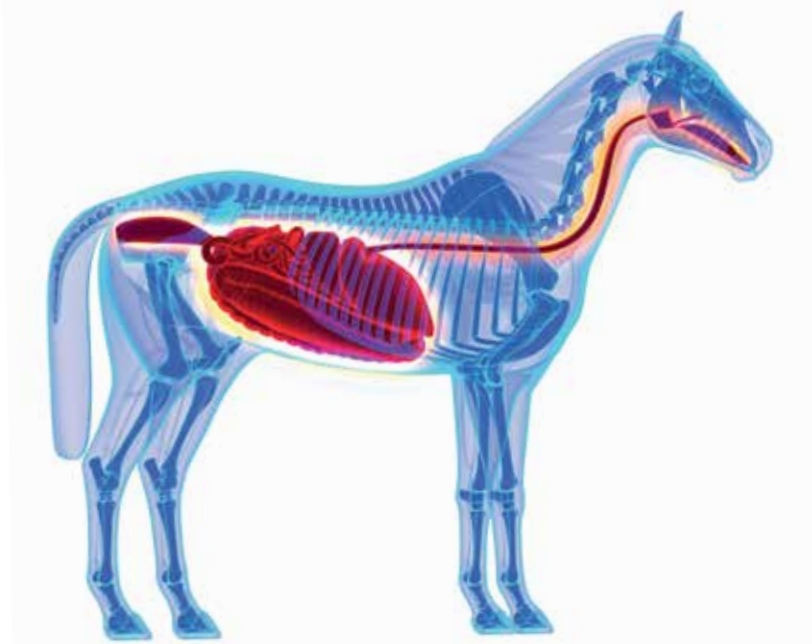


# ProBio

Advanced digestive & gastric support for horses

## When to use ProBio

- ✓ Following de-worming
- ✓ During veterinary treatment
- ✓ During and after antibiotic treatment
- ✓ Colic
- ✓ During digestive disorders
- ✓ During incidence of diarrhoea
- ✓ Poor feeders
- ✓ Prior to and during training
- ✓ Traveling
- ✓ Mare at foaling
- ✓ Foals at birth



Probiotics



Prebiotics



Threonine



Beta Glucans



Mannan-  
oligosaccharides



Vitamin B





<b>Type of Product:</b>	Complementary feedingstuff for horses. Supplements Probiotic and other nutrients to support digestion and gastric health.		
<b>Storage Conditions:</b>	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.		
<b>Packaging:</b>	Powder 1kg x 8 Syringe 30ml paste x 12	Code: 8060 Code: 8049	
<b>Packaging:</b>	<b>Powder - 1kg</b>	<b>Paste - 30ml</b>	
<b>Directions for Use:</b>	<b>Horses:</b> Feed 10g per head per day (2 heaped scoops). In times of stress feed 20g per head per day. <b>Note:</b> Fresh drinking water should always be available.		<b>Horses:</b> 5 ml per day following digestive upset 10 ml per day following surgery for 5 days 10 ml prior to travel 10 ml 24 hours prior to strenuous exercise 10 ml approx 1.5 hours prior to strenuous exercise <b>Foals :</b> 5 ml
<b>Composition:</b>	Yeast products (Source of mannan-oligosaccharides & Beta glucans), Fructo-oligosaccharides, Fenugreek		Flax Oil, Rosemary
<b>Analytical Constituents:</b>	Crude Ash 5.0% Crude Fibre 4.0% Crude Protein 45.0% Crude Oil & Fat 1.0% Sodium 0.0%	Crude Ash 4.0% Crude Fibre 1.0% Crude Protein 35.5% Crude Oil & Fat 36.0% Sodium 0.0%	
<b>Additives per kg:</b>	Digestibility enhancer Saccharomyces Cerevisiae 4b 1702 (CNCM I-4407) 1X10 <sup>12</sup> cfu/kg		Digestibility enhancer Saccharomyces Cerevisiae 4b 1702 (CNCM I-4407) 2X10 <sup>12</sup> cfu/kg
	3a700 Vitamin E (α tocopherol) 7,500mg 3a300 Vitamin C (Ascorbic acid) 5,000mg 3a820 Vitamin B1 (Thiamine) 1,000mg 3a825i Vitamin B2 (Riboflavin) 2,000mg 3a841 Calcium D-Pantothenate 6,000mg 3a314 Niacin (Nicotinic Acid) 5,000mg	3a700 Vitamin E (α tocopherol) 7,500mg 3a300 Vitamin C (Ascorbic acid) 5,000mg 3a820 Vitamin B1 (Thiamine) 1,000mg 3a825i Vitamin B2 (Riboflavin) 2,000mg 3a841 Calcium D-Pantothenate 6,000mg 3a314 Niacin (Nicotinic Acid) 5,000mg	
<b>Amino Acids:</b>	3c410 Threonine 370,000mg	3c410 Threonine 370,000mg	



# Gastrogen

For horses with ulcers

Equine gastric ulcer syndrome affects over 80% of thoroughbred horses in training

## Subtle signs of gastric ulcers:

- ✓ Poor appetite
- ✓ Poor body condition
- ✓ Weight loss
- ✓ Sensitivity around the mid-region of the body (e.g when girthing up or brushing)
- ✓ Attitude changes
- ✓ Reluctance to train
- ✓ Poor hair coat
- ✓ Excessive time spent lying down
- ✓ Low-grade colic
- ✓ Loose faeces
- ✓ Dullness
- ✓ Decreased performance



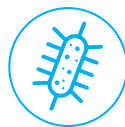
Magnesium  
Hydroxide



Calcium  
Carbonate



Prebiotics



Probiotics



Natural  
Vitamin E



Glycerine



Seaweed  
Extract

**Note:** Fresh drinking water should always be available. Also ideally any horse with gastric ulceration should be fed ProBio Plus 20g per day on an ongoing basis in the feed. 10g in the morning and evening feed. For any horse on conventional drugs we recommend the daily use of Pro-Bio Plus 20g per day to support the digestive and gastric health of the horse.





Type of Product:	Gastrofen is a complementary feedingstuff to support horses with gastric ulcers. (EGUS)					
Storage Conditions:	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.					
Packaging:	Syringe 80ml paste x 12		Code: 8079			
Directions for Use:	<b>Feed one 80ml serving per day</b> 40ml prior to morning feed. 40ml in the evening prior to the afternoon / evening feed. Feed for 14 days or as recommended by your veterinary surgeon. <b>Note:</b> Fresh drinking water should always be available.					
Composition:	Calcium Carbonate, Magnesium Hydroxide, Glycerine, Fructo-oligosaccharides (prebiotic), yeast, seaweed.					
Analytical Constituents:	Moisture	55.0%	Phosphorus	0.0%	Leucine	110mg
	Crude Ash	30.0%	Lysine	125mg	Histidine	40mg
	Crude Protein	3.0%	Methionine	25mg	Glutamine	265mg
	Crude Oil & Fat	0.2%	Threonine	800mg	Arginine	82mg
	Crude Fibre	0.2%	Tryptophan	20mg		
	Sodium	0.0%	Glycine	70mg		
	Calcium	7.5%	Valine	85mg		
	Magnesium	1.0%	Isoleucine	80mg		
Additives:	<b>Vitamins</b>		<b>per 80ml</b>			
	Vitamin E α-tocopherol - 3a700		160mg			
Amino acids, their salts and analogues:	Threonine		800mg			

# Co-Lix

Supporting horses with spasmodic colic



**Colic symptoms appear suddenly, not gradually, and can include:**

- ✓ Pawing, Rolling, Distress, Uneasiness, Bloating, Sweating.
- ✓ Loss of interest in food and water.
- ✓ Peculiar postures, such as sitting or stretching.
- ✓ Absence of gut sounds.
- ✓ Decreased faeces production and/or dryness of manure.
- ✓ Looking or kicking at the flank.



**Determine the cause. The first step to treatment and recovery is to make a diagnosis. Some common causes of colic include:**

- ✓ High grain-based diets/low-forage diets without enough roughage.
- ✓ Mouldy or tainted feed or an abrupt change in feed.
- ✓ Parasite infestation, especially from worms.
- ✓ Lack of water consumption, which can in turn cause impaction to occur. Sand ingestion and accumulation in the bowel over time.
- ✓ Long-term use of NSAIDS (non-steroidal anti-inflammatory drugs).
- ✓ Stress and dental problems.
- ✓ Feeding too quickly before or after strenuous exercise.

<b>Type of Product:</b>	Complementary feedingstuff to supplement nutrients to horses with colic.	
<b>Storage Conditions:</b>	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.	
<b>Packaging:</b>	Syringe 80ml paste x 12	Code: 8080
<b>Directions for Use:</b>	Feed 80ml or as directed by a veterinary surgeon. Can be fed again after 4 hours. <b>Note:</b> Fresh drinking water should always be available. Remove cap from nozzle. Turn ring to required setting which is on the left of the ring. Insert nozzle into horse's empty mouth. Direct towards back of the tongue and depress plunger to deposit paste.	
<b>Composition:</b>	Magnesium Hydroxide, Yeast, Glycerine, Seaweed	
<b>Additives per 80ml: Vitamins:</b>	3a700 Vitamin E α-tocopherol	240mg
<b>Analytical Constituents:</b>	Moisture Crude Ash Crude oil & fat Crude protein Crude fibre Sodium	70.0% 15.0% 0.1% 1.5% 0.0% 0.0%
<b>Amino acids:</b>	3c410 Threonine	1,600mg
<b>Natural products - botanically defined:</b>	Fenugreek Gentian root	4,800mg 5,000mg



# SandFix

Supporting horses that ingest sand



NATURAL  
PSYLLIUM  
SEED HUSK

Psyllium is a natural soluble fibre derived from the husks of a seed grain. It supports the removal of sand and soil particles from the gut. Suitable for feeding to horses grazing on sandy soil or spending significant time in sand arenas.

**Psyllium husks are used as a support  
for horses at risk of, or with Sand Colic**

**Note:** Can be given to horses of all ages including young foals.

Type of Product:	Complementary feedingstuff for horses. Supporting Horses that ingest sand.	
Storage Conditions:	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.	
Packaging:	Drum 3kg x 5	Code: 8073
Directions for Use:	<p><b>Maintenance</b> - 1 heaped scoop = 50g Feed 100g ( 2 x heaped scoops) daily mixed with feed for 7 days every 4 weeks for maintenance or as directed by your veterinary advisor.</p> <p><b>On veterinary recommendation in the presence of compaction</b> Feed 100g daily of SandFix Mixed into the feed every day for 21 days or as directed by your Veterinary Advisor. <b>Note:</b> Fresh drinking water should always be available.</p>	
Composition:	Plantago seed (Psyllium Husk seed), Soya (bean) meal*, Soya beans, extruded*, Fenugreek. (* produced from genetically modified Soya)	
Analytical Constituents:	Crude Oil & Fat	2.5%
	Crude Protein	14.0%
	Crude Fibre	2.6%
	Crude Ash	36.0%
	Sodium	0.0%
Additives per kg: Anti caking agent:	1m558i Bentonite	200,000mg

**CALMING**



# SuperCalm

For nervous horses - at times of excitement & anticipation



SuperCalm is formulated for horses of all ages, breeds and disciplines for stress at times of excitement and anticipation.

Helping to calm the horses, naturally, nutritionally & legally.

SuperCalm allows for high performance without excess excitement and hyperactivity.



Chelated  
Magnesium



Tryptophan



Rosemary



Natural  
Vitamin E



Thiamine

Type of Product:	Complementary feeding stuff for horses. To supplement vitamins and nutrients, SuperCalm is formulated for horses of all ages, breeds and disciplines to help reduce stress at times of excitement and anticipation.													
Storage Conditions:	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.													
Packaging:	Syringe 60ml paste x 15	Code: 8904												
Directions for Use:	<b>Adult Horses:</b> Feed 60ml approximately 2 hours prior to training or a stressful / strenuous event. Repeat as required. <b>Smaller Horses, Ponies &amp; Foals:</b> Feed 15 to 30ml approximately 2 hours prior to training or a Stressful / strenuous event (or as directed by your nutritionist or veterinary surgeon). <b>Note:</b> Fresh drinking water should always be available.													
Composition:	Magnesium Chelate, Rosemary													
Analytical Constituents:	Moisture 77.0% Crude Protein 3.65% Crude Ash 15.0% Crude Oil and Fat 0.2% Crude Fibre 0.1% Sodium 0.0% Magnesium 2.0%													
Additives:	<table><tr><th>Vitamins</th><th>per 60ml</th></tr><tr><td>3a700 Vitamin E (α-tocopherol)</td><td>900mg</td></tr><tr><td>3a300 Ascorbic Acid</td><td>900mg</td></tr><tr><td>3a821 Thiamine</td><td>210mg</td></tr><tr><td>3a831 Pyridoxine Hydrochloride</td><td>120mg</td></tr><tr><td>3a314 Nicotinic acid</td><td>120mg</td></tr></table>		Vitamins	per 60ml	3a700 Vitamin E (α-tocopherol)	900mg	3a300 Ascorbic Acid	900mg	3a821 Thiamine	210mg	3a831 Pyridoxine Hydrochloride	120mg	3a314 Nicotinic acid	120mg
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3a821 Thiamine	210mg													
3a831 Pyridoxine Hydrochloride	120mg													
3a314 Nicotinic acid	120mg													
Amino Acids:	3c441 Tryptophan	2,400mg												





# VetiCalm Gold

For daily feeding to nervous horses



## Key Features:

- ✓ Makes your horse easier to train and compete
- ✓ Relieves nerves, excitability and stress
- ✓ At times of excitement and anticipation

Formulated for horses of all ages, breeds and disciplines for everyday feeding at times of excitement and anticipation.

Horses can experience nervousness and tension before exercise or competition causing them to misbehave.



Chelated  
Magnesium



Type of Product:	Complementary feedingstuff for nervous and excitable horses.	
Storage Conditions:	Store in a dry place (between 5 - 28°C) in original container. Keep out of direct sunlight. Do not freeze.	
Packaging:	Tub 1kg x 8	Code: 8059
Directions for Use:	<b>Horses:</b> For a period of 5-10 days add 50g twice daily to a regular feed. Maintain feeding rate at 25g per head per day there after. 1 level scoop = 12.5grams	
Composition:	Yeast, Magnesium Sulphate	
Analytical Constituents:	Moisture 13.0% Crude Ash 9.9% Crude Fibre 4.7% Crude Protein 22.3% Crude Oil 4.3% Sodium 0.0% Magnesium 1.5%	
Additives per kg: Vitamins	Vitamin E (α tocopherol) 15,000mg Vitamin C (Ascorbic acid) 15,000mg Vitamin B1 (Thiamine) 3,500mg Vitamin B6 (Pyridoxine) 2,000mg Niacin (Nicotinic Acid) 2,000mg	
Amino Acids:	3c440 Tryptophan	120,000mg







# Tranquility

For horses on box rest recovering from injury and breeding



**PLUS  
VALERIAN**

## Supplements vitamins and other nutrients to support:

- ✓ Calming
- ✓ Good behaviour
- ✓ Digestion
- ✓ Gastric health

**Note:** This product cannot be given to horses in competition at any time.  
**28 day withdrawal period**



**For horses on long term box rest and recovering from injury**



**During  
Breaking**



**During Transportation  
to New Climates**



**On Introduction  
to New Stables**



**During  
Veterinary  
Procedures**

<b>Type of Product:</b>	Complementary feedingstuff for horses. Supplements vitamins and other nutrients including a probiotic to support digestion and gastric health.	
<b>Storage Conditions:</b>	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.	
<b>Packaging:</b>	Drum 2kg x 8	Code: 8902
<b>Directions for Use:</b>	<b>Horses:</b> Feed 20g per horse per day (2 level scoops in both the morning and evening feeds) <b>Note:</b> Fresh drinking water should always be available.	
<b>Composition:</b>	Valerian, Yeast Cell Wall, Frutco-oligosaccharides.	
<b>Analytical Constituents:</b>	Crude Ash 3.0% Crude Fibre 1.5% Crude Protein 20% Crude Oil & Fat 1.0% Sodium 0.0%	
<b>Additives per kg:</b>	Digestibility Enhancer: Saccharomyces Cerevisiae 4b 1702 CNCM I-4407 1X10 <sup>12</sup> cfu/kg:	
<b>Vitamins:</b>	3a700 Vitamin E (α tocopherol) 3,750mg 3a300 Ascorbic acid 2,500mg 3a821 Thiamine 500mg 3a825i Riboflavin 1,000mg Cyanocobalamin 15,000mcg 3a841 Calcium D-Pantothenate 3,000mg 3a314 Nicotinic Acid 2,500mg	
<b>Amino Acids:</b>	3c410 Threonine	185,000mg

# HOOF CARE



# HoofPak

Supporting healthy hooves



Supports recovery from soft and brittle hooves, cracks, seedy toes and sole ulcers.

- ✓ Supports hoof growth & condition.
- ✓ Supports hair quality & luster.
- ✓ Supports dry skin and opaque coat.

**Note:** Chelates are fully protected to ensure a high level of bioavailability. By using a True Chelated Mineral the horse's body works more efficiently.



Protected  
Copper



MSM



Amino Acids



Biotin

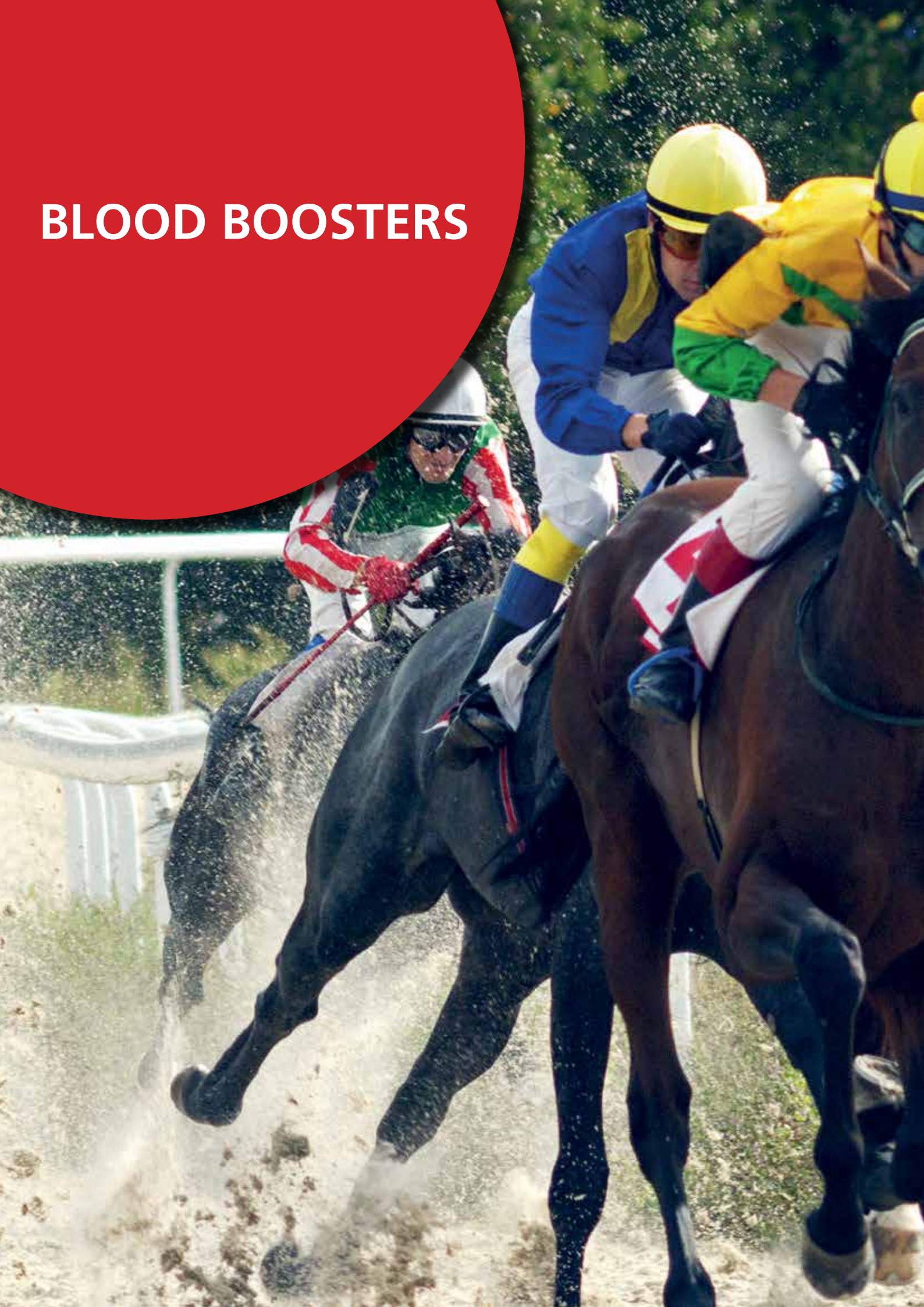


Protected  
Zinc

Type of Product:	HoofPak provides nutrients to support and nourish the hoof. This sulphur enriched formula supports hoof growth and the integrity of the hoof.			
Storage Conditions:	Keep out of direct sunlight. Store in dry place (between 5°-28°C) in original container.			
Packaging:	Drum 2kg x 8		Code: 8036	
Directions for Use:	<b>Adult horses:</b> Feed 20g per day. <b>Ponies and foals:</b> Feed 20g every second day.			
Composition:	Calcium Carbonate, Seaweed Extract.			
Analytical Constituents:	Crude Ash	40.0%	Lysine	0.41%
	Crude Protein	10.0%	Calcium	14.25%
	Crude Fibre	3.0%	Phosphorus	0.0%
	Crude Oil	1.0%	Magnesium	0.0%
	Sodium	0.0%	Methionine	12.5%
Additives:	<b>Vitamin Per kg</b>			
	Biotin	1,900 mg		
Amino Acids:	Methionine	125,000 mg	Alanine	3,700 mg
	Threonine	2,000 mg	Arginine	8,050 mg
	Lysine	4,250 mg	Aspartic Acid	3,700 mg
	Methylsulfonylmethane 1	25,000 mg	Leucine	6,460 mg
	Glycine	3,620 mg	Valine	4,030 mg
	Proline	4,300 mg	Phenylalanine	4,200 mg
	Hydroxyproline	12,500 mg	Isoleucine	3,870 mg
	Glutamic Acid	15,200 mg	Histidine	2,200 mg
	Tyrosine	3,100 mg	Serine	4,400 mg
	Cystine	1,170 mg	Cysteine	150 mg
Trace Elements:	Zinc (as zinc chelate of amino acid hydrate) E6		38,000 mg	
	Copper (as cupric chelate of amino acid hydrate) E4		2,000 mg	



# BLOOD BOOSTERS



# Blood Aid

Blood booster supporting blood, energy, metabolism and recuperation



**Blood Aid contains Iron Chelate** to ensure a high level of bioavailability. Iron in this form is better protected against adverse interactions in the gut and is more available to the horse and pony. Much of the iron found in soil and herbage is oxidised and unavailable to the animal.

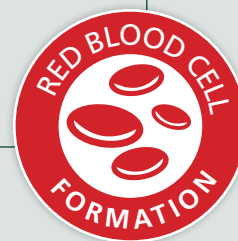
**B complex vitamins play an important role in preventing anaemia and promoting good digestive activity.**

- ✓ Red blood cell formation
- ✓ Metabolic function
- ✓ Prevention of Anaemia
- ✓ Good digestive activity

In order to aid optimum metabolism in performance horses, Blood Aid also contains **Sorbitol**, which supports the enhanced serum concentrations that result from the oral administration of **Vitamin B12**. Competition horses have been shown to have higher dietary requirements.

## Blood Aid contains:

- Vitamin B6
- Vitamin B12
- Folic Acid
- **Sorbitol**
- Iron Chelate
- Vitamin B complex



<b>Type of Product:</b>	Blood Booster supporting energy and recuperation.	
<b>Storage Conditions:</b>	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.	
<b>Packaging:</b>	Bottle 1L x 15	Code: 8906
<b>Directions for Use:</b>	<b>Strenuous Exercise Adult Horses:</b> 50ml per day <b>Maintenance &amp; Ponies:</b> 30ml per day Use either in feed or syringe directly into the mouth. Additional amounts should be fed only on veterinary advice and may be useful when recovering from viral anaemia.	
<b>Composition:</b>	Sorbitol, Rosemary	
<b>Analytical Constituents:</b>	Crude Protein	0.0%
	Crude Oil	0.1%
	Crude Fibre	0.0%
	Crude Ash	0.2%
	Sodium	0.0%
<b>Additives per 30ml – Vitamins:</b>	Vitamin B12	600mcg
	3a831 Vitamin B6	24mg
	3a316 Folic Acid	300mg
<b>Trace elements:</b>	Iron (3b108 Iron chelate of glycine hydrate)	80mg





# Iron Booster Syrup

Chelated iron and vitamins booster

**Iron Booster** is a highly palatable supplement formulated to assist in the maintenance of healthy blood levels. Iron Booster should be fed routinely prior to racing or competition to assist maximum levels of essential blood nutrients needed by horses and ponies. Iron Booster also encourages poor feeders.

## Iron Booster supports:

- The prevention of anaemia. B Vitamins in conjunction with Iron are needed for red blood cell synthesis.
- Oxygen supply in the blood
- Good digestive activity
- Energy supply
- Gut health
- All horses in training and those recovering from post antibiotic treatment
- Easy administration & exceptionally palatable



**+  
FOLIC  
ACID**



Type of Product:	Iron Booster syrup is a highly palatable chelated Iron enriched B-Vitamin feed supplement which supports iron metabolism, energy, health and vitality.				
Storage Conditions:	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.				
Packaging:	Syringe 30ml paste x 12	Code: 9986			
	Bottle 2.5L x 8	Code: 4749			
	Bottle 1L x 15	Code: 3085			
	Liquid 1L & 2.5L			Paste - 30ml	
Directions for Use:	<b>Note:</b> Fresh drinking water should always be available <b>Horses in training:</b> Feed 60ml daily <b>Foals and Yearlings:</b> Feed 30ml daily <b>As general tonic:</b> Feed 60ml daily			Alternatively it may be fed twice a week in addition to other supplements. Direct towards back of the tongue and depress plunger to deposit paste. <b>Horses</b> - As a dietary supplement 5 ml daily. As an additional source of iron 5 ml twice a week.	
Composition:	Rosemary			Seaweed Extract, Rosemary	
Analytical Constituents:	Crude Ash 0.6%, Crude Fibre 0.1%, Crude Protein 2.9%, Crude Oil & Fat 0.3%, Moisture 72.0%, Sodium 0.0%			Crude Protein 1.9%, Crude Ash 1.5%, Crude Oil & Fat 1.5%, Crude Fibre 0.1%, Sodium 0.0%	
Additives:	<b>Vitamins</b>	<b>per 60ml</b>	<b>per 1 L</b>	<b>Vitamins</b>	<b>per 1ml</b>
	3a820 Thiamine Hydrochloride	150mg	2,500mg	3a820 Vitamin B1 (Thiamine)	2.85 mg
	Riboflavin	75mg	1,250mg	3a825i Vitamin B2(Riboflavin)	3.57 mg
	Cyanocobalamin	150mcg	2,500mcg	3a831 Vitamin B6	
	3a831 Pyridoxine Hydrochloride	25mg	420mg	(Pyridoxine Hydrochloride)	1.14 mg
	3a315 Nicotinamide	200mg	3,335mg	3a314 Nicotinic acid	0.28mg
	3a841 Calcium D-Pantothenate	80mg	1,335mg	3a316 Folic acid	0.57mg
	3a316 Folic Acid	20mg	335mg		
	3a880 Biotin	0.5mg	8mg		
Trace Elements:	Iron (as 3b108 Iron chelate of glycine hydrate)	150mg	2,500mg	Iron (as 3b108 Iron chelate of glycine hydrate) 80mg	
	Copper (as 3b413 Copper chelate of glycine hydrate)	60mg	1,000mg		
	Zinc (as 3b607 Zinc chelate of glycine hydrate)	240mg	4,000mg		

# IRON +

Chelated iron paste



## Iron support:

- ✓ Performance
- ✓ Red blood cells
- ✓ Prevention of Anaemia



Type of Product:	Complementary feedingstuff for horses. Oral chelated iron supplement.	
Storage Conditions:	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.	
Packaging:	Syringe 30ml paste x 12	Code: 9982
Directions for Use:	Iron+ can be fed daily as a dietary iron supplement to horses. Alternatively it may be fed twice a week in addition to other supplements. Direct towards back of the tongue and depress plunger to deposit paste. <b>Horses</b> - As a dietary supplement 5ml daily. As an additional source of iron 5 ml twice per week.	
Composition:	Seaweed Extract, Rosemary.	
Analytical Constituents:	Moisture	78.6%
	Crude Protein	1.9%
	Crude Ash	1.5%
	Crude Oil	1.5%
	Crude Fibre	0.1%
	Sodium	0.0%
Additives; each 1ml contains.	Ferric Ammonium Citrate	200mg
Trace Elements:	Iron (FE) E1	40mg



# COPPER BOOSTER

Chelated copper paste



**Copper Booster** contains chelated copper which is fully protected to ensure a high level of bioavailability to the horse. Chelated copper is resistant to 'lock-up' by antagonists such as sulphates and molybdenum.

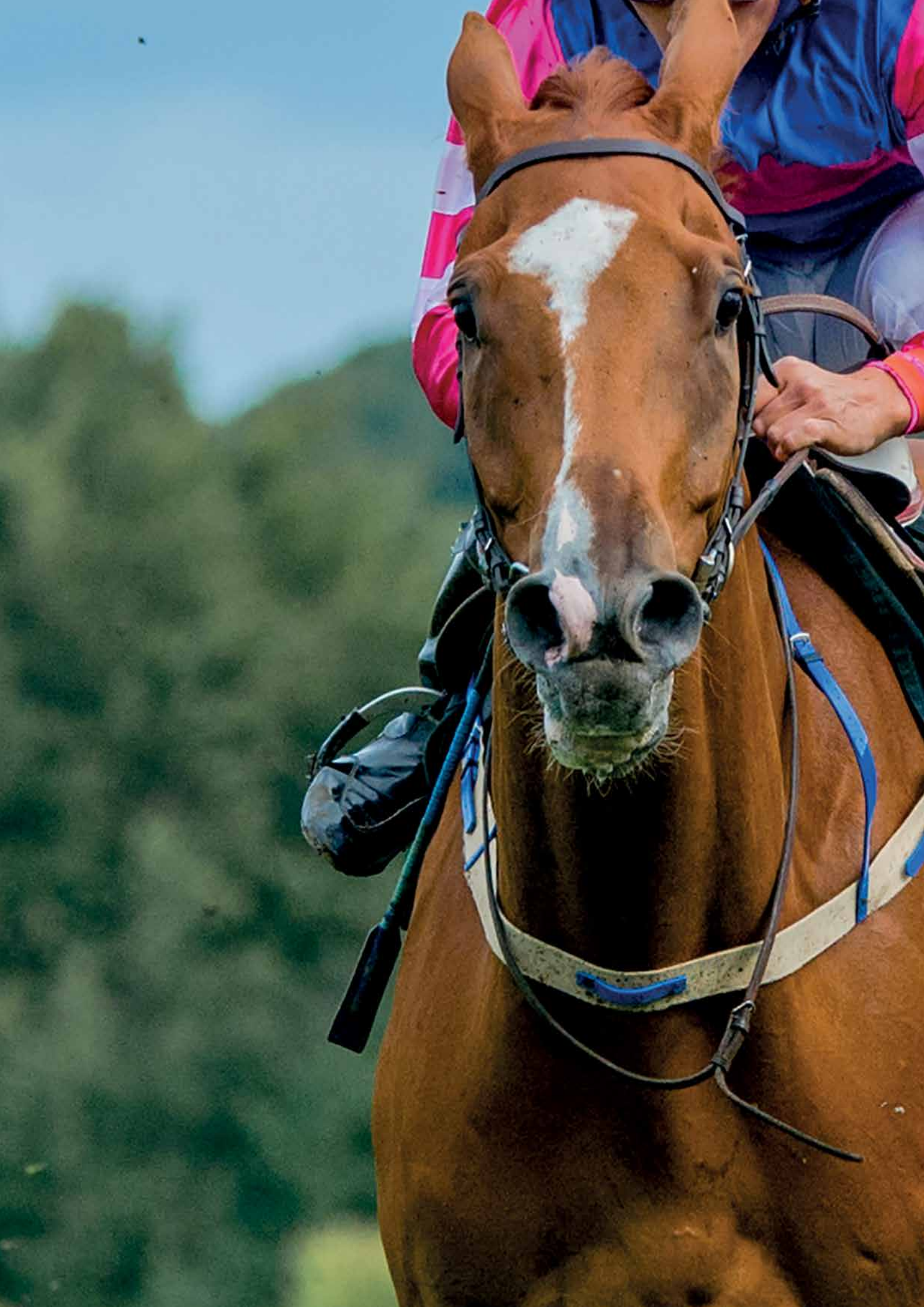
**Chelated Copper** is highly effective and not destroyed by the digestive process. Rather it is absorbed throughout the small intestine, thus increasing its availability.

## Poor copper availability can be a cause of:

- ✓ Anaemia: Copper is required for the production of the pigment in red blood cells.
- ✓ Increased incidence of epiphysitis in young stock.
- ✓ Dullness in the coat and poor hooves. This can be especially seen when horses are turned out in the spring.
- ✓ Poor fertility. Copper availability is essential for enzyme activity and improved reproduction.



<b>Type of Product:</b>	Complementary mineral feedingstuff for horses to supplement Copper.	
<b>Storage Conditions:</b>	Keep out of direct sunlight. Store in a dry place (between 5°-28°C) in original container. Always replace lid after use.	
<b>Packaging:</b>	Syringe 30ml paste x 12	Code: 8913
<b>Directions for Use:</b>	<p><b>Oral Supplement for Adult Horses:</b> Direct towards back of the tongue and depress full plunger to deposit feed gel every 7-14 days or as directed by your nutritionist or veterinary surgeon.</p> <p><b>Oral Supplement for Foals and Yearlings:</b> Direct towards back of the tongue and depress half plunger to deposit feed gel every 7-14 days or as directed by your nutritionist or veterinary surgeon.</p>	
<b>Composition:</b>	Seaweed Extract, Rosemary.	
<b>Analytical Constituents:</b>	Sodium 0.0% Calcium 0.0% Phosphorus 0.0% Magnesium 0.0%	
<b>Additives per 30ml : Trace elements:</b>	Copper (as 3b401 Copper Acetate) 87mg Copper (as 3b413 Copper chelate of glycine hydrate) 255mg	







# PULMONARY BLEEDING





# HemoForte

Pulmonary support for horses prone to pulmonary bleeding

Pulmonary support for breeders. Supporting capillary function and elasticity for horses in hard training, under stress and racing.

## **Chelated copper**

is highly effective and not destroyed by the digestive process. Rather it is absorbed throughout the small intestine, thus increasing its availability.



**Chelated  
Copper**

## **Bioflavonoids**

The function of Bioflavonoids is to increase capillary strength and regulate their permeability. They act to help Ascorbic Acid to maintain collagen, the 'cement' between cells, in a healthy condition. Bioflavonoids enhance the action of Vitamin C and help reduce its oxidation. Feeding both Vitamin C and bioflavonoids together in HemoForte is advantageous.



**Bioflavonoids**

## **Vitamin K3**

The primary role of Vitamin K is to facilitate blood clotting. Thus, in a situation where a minor rupture occurs in a blood capillary, having a plentiful supply of Vitamin K can allow the horse's system to respond quickly. While freshly grazed grass is an excellent source of vitamin K, preserved hay and haylage often contains low or no levels of vitamin K. Vitamin K antagonists, which are present in some forages, can also be an issue. A further reason for the addition of Vitamin K is to combat any situations where a Vitamin K antagonist may be present. Also, occasionally low levels of mould are encountered. Certain moulds can produce Vitamin K antagonists.



**Vitamins K3**

## **Ascorbic Acid**

Acts as a powerful antioxidant and thus helps protect cells from degradation. In conjunction with bioflavonoids, they act to maintain capillary strength.



**Ascorbic Acid**



<b>Type of Product:</b>	Complementary feedingstuff for horses and ponies.			
<b>Storage Conditions:</b>	Keep out of direct sunlight. Store in a dry place (between 5°-28°C) in original container. Always replace lid after use.			
<b>Packaging:</b>	Drum 1kg x 8	Code: 6040		
	Syringe 60ml paste x 12	Code: 6600		
<b>Packaging:</b>	<b>Powder - 1kg</b>	<b>Paste - 60ml</b>		
<b>Directions for Use:</b>	First 7 days 20g morning and evening mixed in feed (1 scoop is 10g) Thereafter 10g morning and evening mixed in feed (1 scoop is 10g) <b>Note:</b> Fresh drinking water should always be available.		Feed 60ml before strenuous exercise. 60ml may also be fed the night before strenuous exercise. Direct towards back of the tongue and depress plunger to deposit paste.	
<b>Composition:</b>	Glucose, Rosemary		Rosemary	
<b>Analytical Constituents:</b>	Moisture	0.1%	Moisture	2.0%
	Crude Ash	0.5%	Crude Ash	4.0%
	Crude Fibre	1.0%	Crude Fibre	0.1%
	Crude Protein	0.1%	Crude Protein	0.2%
	Crude Oil	0.1%	Crude Oil	82.0%
	Sodium	0.0%	Sodium	0.0%
	Total Sugars	55.0%		
<b>Additives per kg:</b>	<b>Vitamins:</b>			
	3a300 Ascorbic acid	300,000mg	3a300 Ascorbic acid	125,000mg
	3a710 Vitamin K3 Menadione	5,000mg	3a710 Vitamin K3 Menadione	5,000mg
<b>Trace Elements:</b>	Copper (as 3b413 Copper chelate of glycine hydrate)		Copper (as 3b413 Copper chelate of glycine hydrate)	
		3,000mg		3,000mg
<b>Natural products - botanically defined:</b>	Citrus sinensis		Citrus sinensis	
		20,000mg		20,000mg







# LIVER SUPPORT



PLUS  
Milk  
Thistle



# Liverpak<sub>100</sub>

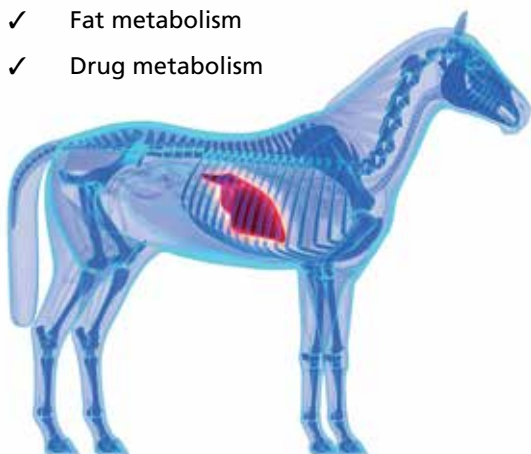
Vital nutrients for boosting liver function and metabolism

A horse's liver performs more than 100 different important functions and is a vital organ in the maintenance and activity of top performance horses.

Liverpak supplementing key nutrients to support liver function in performance horses fed high levels of feed or recovering from a set back.

## The horse's liver is important for metabolism

- ✓ Secretion of bile
- ✓ Carbohydrate metabolism
- ✓ Fat metabolism
- ✓ Drug metabolism



**Milk thistle** has been used since the time of ancient physicians and herbalists to treat a range of liver and gallbladder disorders, including hepatitis, cirrhosis and jaundice, and to protect the liver against poisoning from chemical and environmental toxins, including snakebites, insect stings, mushroom poisoning, and alcohol (Ludvico, 2010).

Several pharmacological studies have been carried out on the active components of Milk thistle, silymarin and silybinin. It has been found that these substances exert hepatoprotective, antioxidant, anti-inflammatory and anti-fibrotic properties. In addition, they stimulate protein biosynthesis and liver regeneration, increase lactation and possess immunomodulation activity.



Protected  
Carnitine



Plus  
Milk Thistle



Protected  
Methionine



The **LIVER** removes **toxins** from the body before they can damage other organ systems, including the heart, blood vessels and skin







<b>Type of Product:</b>	To supplement vitamins and other nutrients to support liver function. Complementary feedingstuff for horses.	
<b>Storage Conditions:</b>	Keep out of direct sunlight. Store in a cool, dry place below 25°C. Always replace lid after use.	
<b>Packaging:</b>	Bottle 1L x 15	Code: 8005
<b>Directions for Use:</b>	<b>Horses:</b> Feed 60ml daily	
<b>Composition:</b>	Milk Thistle, Artichoke, Rosemary, Propylene Glycol.	
<b>Analytical Constituents:</b>	Moisture	72.8%
	Crude Oil	1.0%
	Crude Protein	1.0%
	Crude Ash	1.0%
	Crude Fibre	1.0%
	Sodium	0.0%
<b>Additives per Litre</b> <b>Amino Acids:</b>	3c307 Hydroxyl analogue of Methionine 50,000mg.	
<b>Vitamins and Provitamins:</b>	3a315 Nicotinamide	8,000mg
	3a821 Vitamin B1	5,000mg
	Vitamin B2 - Riboflavin	2,000mg
	3a831 Vitamin B6	1,000mg
	3a880 Biotin	750mg
	3a700 Vitamin E α Tocopherol	10,000mg
	3a300 Vitamin C	1,000mg
	3a710 Vitamin K3	2,000mg
<b>Chemically well defined substances having a similar biological effect to vitamins:</b>	3a910 L- Carnitine	15,000mg





A close-up photograph of a horse's lower legs and hooves in motion. The horse is galloping or running on a green grassy field. Its legs are dark brown, and its hooves are dark with some lighter patches. A blue and yellow saddle pad is visible on its back. In the background, there is a white fence and a dirt path. An orange circular overlay is positioned in the upper right corner, containing the text "ELECTROLYTE & RECOVERY" in white, bold, sans-serif capital letters.

# ELECTROLYTE & RECOVERY



Photo: Louise O' Brien Photography



# StartAid

Triple action electrolyte with antioxidants

**Start Aid** for horses is a scientifically formulated electrolyte for daily use in performance horses. Sweating results in the loss of essential electrolytes. If these losses are not replaced, metabolic imbalances may occur.

These metabolic imbalances can result in lactic acid build up, dehydration, decreased performance and tying up.

## SUPPORTS

- ✓ Restores water and electrolyte balance
- ✓ Recovery
- ✓ Horses prone to 'tying up'
- ✓ Daily use of this product may speed up the return to peak condition after racing or heavy work
- ✓ Maintains normal nerve and muscle function



Threonine



B Vitamins



Natural  
Vitamin E



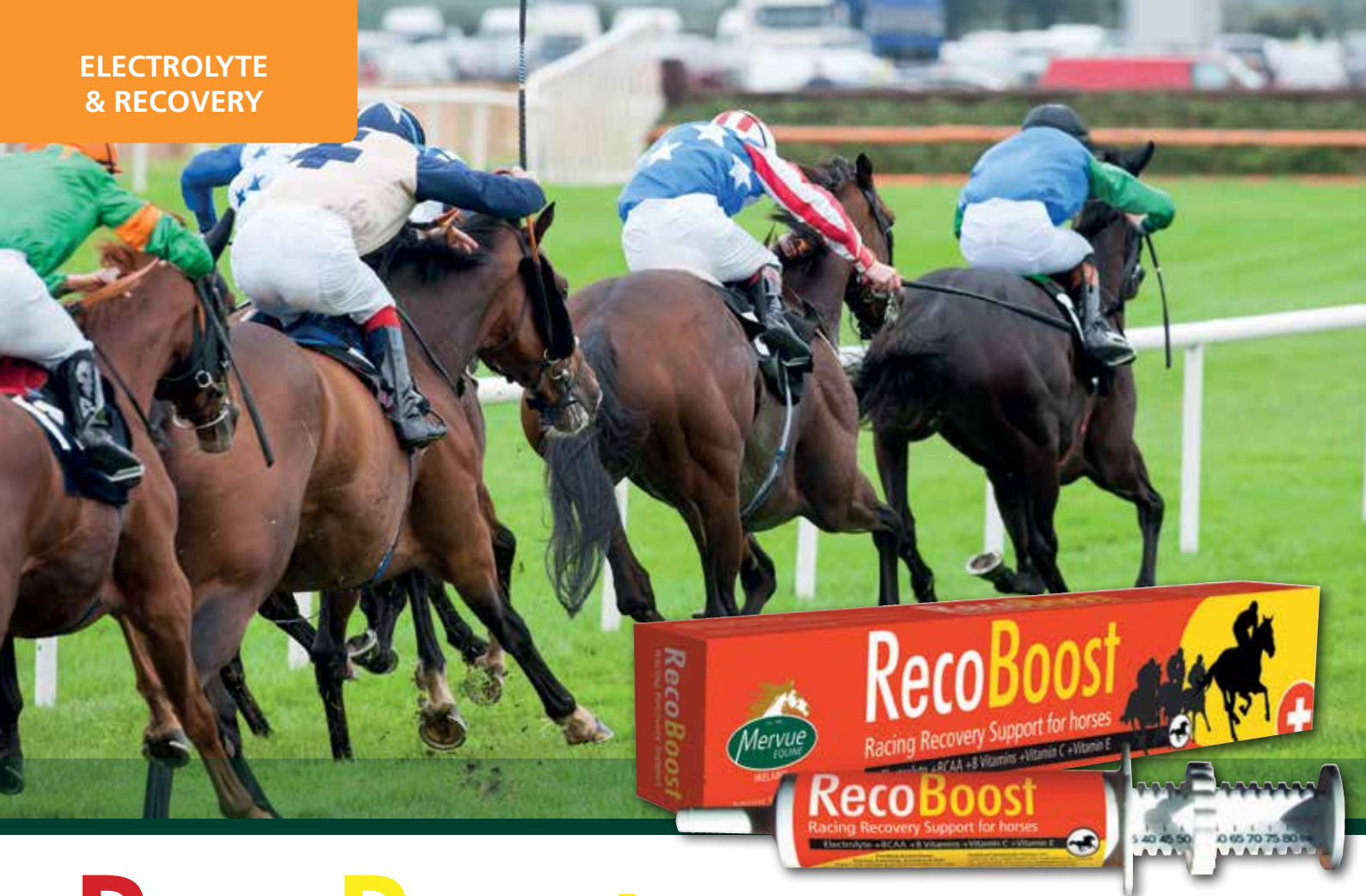
Vitamin C



Electrolytes



Type of Product:	Complementary mineral feedingstuff for horses for supporting equine recovery.			
Storage Conditions:	Keep out of direct sunlight. Store in a dry place below 25°C in original container. Always replace lid after use.			
Packaging:	50g Sachet x 20 Drum 2kg x 8	Code: 3408 Code: 3406		
Packaging:	Sachet 50g and 2kg drum			
Directions for Use:	Start Aid should be added to the normal feed <b>For horses in training/competition:</b> Feed 50g per day (1 heaped scoop) <b>In hot climates and horses in transit:</b> 50g per day <b>In light training:</b> 50g every second day <b>Note:</b> Fresh drinking water should be available at all times.			
Composition:	Sodium chloride, Calcium carbonate, Potassium chloride, Magnesium sulphate, Sodium bicarbonate, Glucose, Magnesium oxide			
Analytical Constituents:	Sodium Phosphorus Magnesium	17.2% 0.0% 2.0%	Calcium Potassium Total Sugars	7.8% 6.7% 6.0%.
Additives:	<b>Vitamins:</b> 3a700 Vitamin E α Tocopherol 3a300 Vitamin C 3a825i Vitamin B2 3a820 Vitamin B1 3a831 Vitamin B6 3a841 Calcium D-pantothenate			
Amino Acids:	3c410 Threonine			



# RecoBoost

Racing recovery with BCAA, Electrolytes and Antioxidants

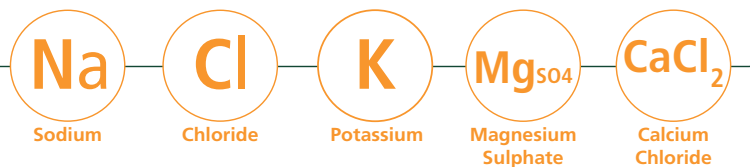
Formulated to replace essential nutrients lost during intense exercise, racing, training, competition & transport

## Supporting

- ✓ Rehydration
- ✓ Fast muscle recovery
- ✓ Horses prone to 'tying up'
- ✓ Normal electrolyte balance
- ✓ Nerve system
- ✓ Muscle function
- ✓ Protection of cells

## KEY FEATURES:

### ELECTROLYTES



**ELECTROLYTES** Sweating results in the loss of essential electrolytes. If these losses are not replaced, metabolic imbalances may occur. These can result in lactic acid build up, dehydration, decreased performance and tying up.

BCAA  
BCAA

E  
Natural Vitamin E

Ascorbic Acid

B<sub>1</sub>  
Thiamine

B<sub>2</sub>  
B vitamins

B<sub>3</sub>  
Niacin

B<sub>5</sub>  
Pantothenic Acid

B<sub>6</sub>  
Pyridoxine

B<sub>9</sub>  
Folic Acid





Type of Product:	Complementary Mineral Feed for Horses																			
Storage Conditions:	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.																			
Packaging:	Syringe 80ml paste x 12	Code: 9994																		
Directions for Use:	<p><b>Racing, Eventing, Jumping &amp; Polo:</b> Feed 1 full syringe 4 to 8 hours before the event. Depending on the temperature and length of race feed ½ to 1 full syringe after the event.</p> <p><b>Horses in transit &amp; hot weather:</b> Feed 1 syringe per day 4 -12 hours before departure.</p> <p><b>Endurance Racing:</b> Give 1 syringe 4-8 hours prior to the event. Feed ½ syringe (40ml) after each leg or loop of event.</p> <p><b>Note:</b> Fresh drinking water should always be available.</p>																			
Composition:	Sodium Chloride, Potassium Chloride, Calcium Chloride, Magnesium Sulphate.																			
Analytical Constituents:	Sodium 8.9% Potassium 5.0% Magnesium <0.5% Calcium 1.0%																			
Additives:	<table><tr><th>Vitamins</th><th>Per 80ml</th></tr><tr><td>3a700 Vitamin E α-tocopherol</td><td>1,000mg</td></tr><tr><td>3a300 Ascorbic Acid</td><td>280mg</td></tr><tr><td>3a825i Riboflavin</td><td>300mg</td></tr><tr><td>3a821 Thiamine Hydrochloride</td><td>1,500mg</td></tr><tr><td>3a831 Pyridoxine Hydrochloride</td><td>150mg</td></tr><tr><td>3a841 Calcium-D-pantothenate</td><td>150mg</td></tr><tr><td>3a315 Niacinamide</td><td>760mg</td></tr><tr><td>3a316 Folic Acid</td><td>250mg</td></tr></table>		Vitamins	Per 80ml	3a700 Vitamin E α-tocopherol	1,000mg	3a300 Ascorbic Acid	280mg	3a825i Riboflavin	300mg	3a821 Thiamine Hydrochloride	1,500mg	3a831 Pyridoxine Hydrochloride	150mg	3a841 Calcium-D-pantothenate	150mg	3a315 Niacinamide	760mg	3a316 Folic Acid	250mg
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3a841 Calcium-D-pantothenate	150mg																			
3a315 Niacinamide	760mg																			
3a316 Folic Acid	250mg																			
Amino Acids:	3c370 L-valine 2,740mg 3c8.8.1 L-isoleucine 2,250mg 3c382 L-leucine 5,500mg																			

# BREATHING & IMMUNITY





# RESPIRON

Naturally supporting immunity & healthy breathing



- ✓ Easy breathing
- ✓ Support the reduction of respiratory irritation
- ✓ Support the reduction of coughing
- ✓ Enhancement of mucus secretion
- ✓ Improving immunity
- ✓ Improving ability to fight infectious challenges
- ✓ Enhancement of immunity through IgA production in the lung



Echinacea



Eucalyptus



Rosemary



Menthol

## WHEN TO USE

- ✓ Administer 3 days prior to risk periods, such as transportation to events and races
- ✓ During periods of respiratory or immune stress for 5 days or as required

Type of Product:	Natural Support Maintaining a Healthy Respiratory and Immune System	
Storage Conditions:	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.	
Packaging:	Syringe 60ml paste x 12	Code: 6077
Directions for Use:	3 days prior to risk periods, such as transportation to events and races. During periods of respiratory or immune stress. <b>Horses</b> - As a dietary supplement, 20ml daily. Direct towards back of the tongue and depress plunger to deposit paste.	
Composition:	Echinacea, Eucalyptus, Menthol	
Analytical Constituents:	Moisture	82%
	Crude Ash	4.0%
	Crude Oil	10.0%
	Crude Protein	0.2%
	Crude Fibre	0.1%
	Sodium	0.0%





A close-up photograph of a rider on a white horse jumping over a hurdle. The rider is wearing a dark blue jacket, white breeches, and black boots. The horse is white and is in mid-jump. A blue saddle pad with the 'Mervue EQUINE IRELAND' logo is visible. A blue circular graphic is overlaid on the top right of the image, containing the text 'MUSCLE & MOBILITY SUPPORT'.

# MUSCLE & MOBILITY SUPPORT



# BCAA

Branch chain amino acids supporting muscle recovery after strenuous exercise

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**BCAA** is a unique combination of the muscle supporting branch chain amino acids **L-Valine**, **L-Leucine** and **L-Isoleucine**. The three essential amino acids, valine, leucine and isoleucine cannot be manufactured by the horse, yet are required in large amounts in the diet of horses to ensure the optimum recovery and repair of muscles after hard exertion.

**Branch Chain Amino Acids** are required in high amounts any time there is strenuous exercise and stress, including after muscle injury, surgery, hard or prolonged exercise such as cross country, or racing.

Muscle tissue consists of about one third of these branch chain amino acids, and muscle damage during exertion results in a loss of large amounts of these critical nutrients.

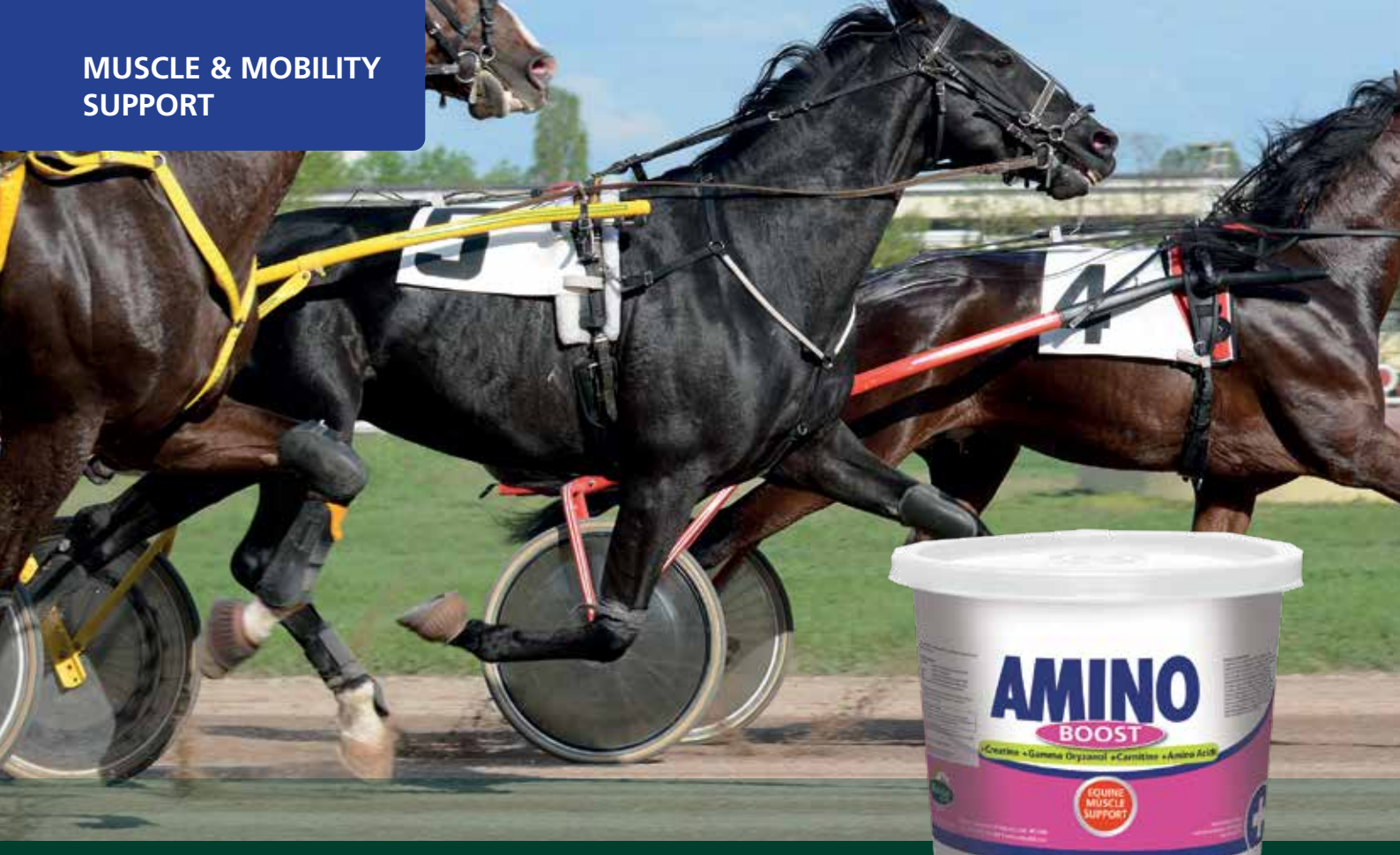
**Regular BCAA supplementation before and after heavy exertion can help reduce muscle problems and boost muscle recovery.**

Allowing muscles to work to the maximum potential and support the horse to recover faster after a race or event.



<b>Type of Product:</b>	Complementary Feedingstuff for Horses. To supplement nutrients and branch chain amino acids (BCAA) to support muscle recovery.	
<b>Storage Conditions:</b>	Keep out of direct sunlight. Store in dry place below 25°C in original container.	
<b>Packaging:</b>	Syringe 60ml paste x 12	Code: 6079
<b>Directions for Use:</b>	<p>Direct towards back of the tongue and depress plunger to deposit paste.</p> <p><b>Training</b> - Feed 30ml twice daily or as directed by your nutritionist/advisor.</p> <p><b>Endurance exercise</b> - Feed 20ml every 2-3 hours of activity.</p> <p><b>Alternatively</b> - Feed 60ml 3-4 hours before strenuous exercise.</p>	
<b>Composition:</b>	Seaweed, Rosemary	
<b>Analytical Constituents:</b>	Moisture	55.8%
	Crude Protein	23.3%
	Crude Oil	0.05%
	Crude Ash	0.2%
	Crude Fibre	0.1%
	Sodium	0.0%
<b>Additives each 60ml contains:</b>	<b>Amino Acids, their salts and analogues</b> L-valine 3c3.7.1 5,500mg L-isoleucine 3c3.8.1 4,500mg	
<b>Natural or corresponding synthetic chemically defined flavourings:</b>	L-leucine	11,000mg





# AMINO BOOST

## Muscle builder

### Creatine

The effect of creatine is that it allows the muscles to store more energy. This allows muscles to contract more intensely, for longer durations and more frequently.

- ✓ Creatine increases strength and power
- ✓ Creatine can boost sports endurance
- ✓ Creatine will boost powerful starts
- ✓ Creatine can delay the onset of fatigue

### Gamma oryzanol

Gamma Oryzanol is an antioxidant that contains natural components of rice bran and supports protein synthesis. Gamma-oryzanol promotes the development of lean muscle mass increased equine physical performance and stamina have been attributed to the consumption of gamma-oryzanol, which is likely related to growth and lean muscle development.

### Carnitine

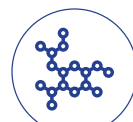
L-Carnitine will help to release more energy during warm up, allows rapid recovery after hard work, helps to prevent exhaustion and is a natural amino acid.

### Amino acids

Are critical to the horse's health. A horse needs all 21 of these building blocks to build proteins in their body. Horses need more amino acids when they're growing because they're producing muscles, which are built from proteins.



Creatine



Gamma  
Oryzanol



Carnitine



Amino  
Acids



<b>Type of Product:</b>	To supplement amino acids and other nutrients to support muscle function in the horse.	
<b>Storage Conditions:</b>	Store in original container below 25°C. Keep out of direct sunlight. Always replace lid after use.	
<b>Packaging:</b>	Drum 3kg x 5	Code: 8038
<b>Directions for Use:</b>	<b>Adult Horse</b> 25g morning and evening mixed in feed (1 heaped scoop 25g) <b>Yearling</b> 50g morning and evening mixed in feed <b>Foal</b> 15g morning and evening mixed in feed <b>Note:</b> Fresh drinking water should always be available.	
<b>Composition:</b>	Glucose, Creatine, Rice Bran (Gamma Oryzanol).	
<b>Analytical Constituents:</b>	Crude Ash	1.2%
	Crude Protein	68.0%
	Crude Fibre	0.5%
	Crude Oil & Fat	1.5%
	Moisture	5.0%
	Sodium	0.0%
	Total Sugars	36.0%
<b>Additives:</b>	<b>Amino Acids</b> 3c301 Methionine 3c410 Threonine 3c322 Lysine Leucine 3c370 Valine 3c3.8.1 Isoleucine Glycine Proline Hydroxyproline Glutamic Acid Alanine Arginine Aspartic Acid Phenylalanine Histidine Tyrosine Serine Cystine Cysteine	<b>Per kg</b> 40,000mg 50,000mg 120,000mg 27,000mg 20,000mg 20,000mg 3,620mg 4,300mg 12,500mg 15,200mg 3,700mg 8,050mg 3,700mg 4,200mg 2,200mg 3,100mg 4,400mg 1,170mg 150mg
<b>Chemically well defined substances having a similar biological effect to vitamins:</b>	3a910 L-Carnitine	25,000mg



# ArthroForte

Mobility support plus Curcumin

**ArthroForte is a veterinary formulated mobility support for horses containing key ingredients to support and maintain joint flexibility.**

Joint disease is a common occurrence in horses with osteoarthritis and is estimated to be the cause of many lameness cases. With arthritis and joint pain being a primary cause of early retirement in horses, this nutritional supplement is giving owners great peace of mind.

#### **Arthroforte Supports:**

- ✓ A reduction in pain and inflammation, sparing side effects of conventional drugs
- ✓ A reduction in lameness
- ✓ A reduction in cartilage destruction and provides building blocks for cartilage synthesis
- ✓ A reduction in synovitis
- ✓ Increased joint lubrication
- ✓ Improved range of motion
- ✓ Deposition of new bone







<b>Type of Product:</b>	Complementary feedingstuff for horses and ponies	
<b>Storage Conditions:</b>	Keep out of direct sunlight. Store in a dry place below 25°C in original container. Always replace lid after use.	
<b>Packaging:</b>	Drum 900g x 8	Code: 8048
<b>Directions for Use:</b>	<b>Adult Horses:</b> 30g daily <b>Foals:</b> 15g daily 1 level scoop = 15g ArthroForte is given with feed. We recommend to introduce gradually and divide the daily amount between feeds.	
<b>Composition:</b>	Glucosamine HCl, Dextrose, Indian Frankincense (Boswellia serrata), Dicalcium Phosphate, Chondroitin sulphate, Citrus extract (Natural source of Bioflavonoids), Turmeric (Curcuma longa), Alfalfa.	
<b>Analytical Constituents:</b>	Crude Protein	16.4%
	Crude Oil & Fat	4.4%
	Crude Fibre	0.8%
	Crude Ash	9.0%
	Sodium	0.0%
	Calcium	2.5%
	Phosphorus	1.5%



**Boswellia**



**Curcumin**



**Glucosamine**



**Chondroitin**



# EliteFlex Forte

Mobility supplement for the longevity of a horse in their performance career and retirement

## SUPPORTS

- ✓ Healthy joints
- ✓ Mobility
- ✓ Minimising inflammation
- ✓ Extremely palatable
- ✓ Slowing joint dehydration
- ✓ Joint lubrication
- ✓ Keratin formation
- ✓ Relief of inflammation



Omega 3



Natural  
Vitamin E



Glucosamine



Chondroitin



Lysine



Protected  
Zinc





Type of Product:	Complementary feedingstuff for the nutritional maintenance of healthy cartilage and joints in horses.				
Storage Conditions:	Keep out of direct sunlight. Store in a dry place (between 5-28°C) in original container. Always replace lid after use. Do not freeze.				
Packaging:	Bottle 2.5Lx 8      Code: 6108 Bottle 1Lx 15      Code: 6112 Powder 2kg x 8      Code: 6109				
Packaging:	Powder - 2kg		Liquid 1L & 2.5L		
Directions for Use:	EliteFlex Forte should be added to the normal feed ration. <b>Horses: To Start:</b> Feed 50g per day for 60-120 days. One heaped scoop = 50g		EliteFlex Forte should be added to the normal feed ration. <b>Horses: To Start:</b> Feed 50ml per day for 60-120 days.		
Composition:	Glucosamine Hydrochloride, Chondroitin sulphate, Methylsulfonylmethane (MSM)		Methylsulfonylmethane (MSM), Glucosamine, Chondroitin Sulphate, Hyaluronic acid		
Analytical Constituents:	Moisture      22.5% Crude Protein      9.3% Crude Ash      16.2% Crude Oil & Fat      24.1% Crude Fibre      0.0% Sodium      0.0%		Moisture      63.6% Crude Protein      8.5% Crude Ash      1.5% Crude Oil & Fat      17% Crude Fibre      0.1% Sodium      0.0%		
Additives:	<b>Vitamins</b>	<b>per 50g</b>	<b>per 1kg</b>	<b>per 50ml</b>	<b>per 1 L</b>
	Vitamin E - α tocopherol	1,000mg	20,000mg	1,000mg	20,000mg
Natural or corresponding synthetic chemically defined flavourings:	MSM (methylsulfonylmethane)	10,000mg	200,000mg	1,000mg	20,000mg
Trace elements:	Zinc (as Zinc chelate of amino acids hydrate) E6	150mg	3,000mg	150mg	3,000mg
Chemically well defined substances having a similar biological effect to vitamins:	Omega 3	5,000mg	100,000mg	5,000mg	100,000mg
Amino acids:	3c322 Lysine	2,750mg	55,000mg	2,750mg	55,000mg



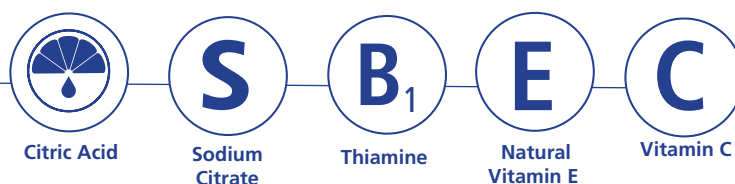
# Nutra-Fix

Acid neutraliser & alkali replacer



Accumulation of lactic acid in the blood & muscles may cause muscle stiffness, muscle cramping and damage to muscle fibres.

**Lactic Acid build up** prevents muscles from operating normally during exercise. **A nutritional strategy using Nutra-Fix can aid the reduction or eliminate the incidence of muscle cramping.**



Type of Product:	Citrate based buffer		
Storage Conditions:	Store in a dry place (between 5°-28°C) in original container. Keep out of direct sunlight. Always replace lid after use. Do not freeze.		
Packaging:	Bottle 1L x 15 Bottle 2.5L x 8	Code: 3083 Code: 8921	
Directions for Use:	Nutra-Fix should be added to the normal feed. <b>Horses in training:</b> 90ml per day in evening feed <b>After competition or hard work:</b> Feed 120ml Note: Fresh drinking water should always be available		
Composition:	Rosemary, Soya Oil		
Analytical Constituents:	Moisture 69.0%, Crude Protein 1.0%, Crude Ash 15.3%, Crude Oil & Fat 0.1%, Crude Fibre 0.1%, Sodium 8.0%		
Additives:	<b>Vitamins</b> Vitamin C - Ascorbic Acid Vitamin E - $\alpha$ -tocopherol Vitamin B1- Thiamine	<b>per 90ml</b> 450mg 900mg 450mg	<b>per Litre</b> 5,000mg 10,000mg 5,000mg
Preservatives:	Sodium Citrate - E331 Citric Acid – E330	27,900 mg 9450 mg	310,000mg 105,000mg





# OPTIMUM SKELETAL DEVELOPMENT & CONFORMATION





# Osteovital

Building bone density and strength



## Osteovital supports:

- ✓ Improved bone density
- ✓ Supports the prevention of bone disease
- ✓ Supports the treatment of bone diseases

**Vitamin K** supports the reduction of the incidence of bone defects that cost the thoroughbred industry every year in terms of lost genetic potential, poor performance and money.



Herbal supply



Vitamin D3



Vitamin K1



Vitamin K2

The protein osteocalcin, which is dependent on **Vitamin K**, binds the mineral and protein in bone together. If the horse does not have enough available **Vitamin K**, the binding is incomplete and low density, defective bone and cartilage are produced.

It has been known for some time that the correct form of **Vitamin K** prevents and supports the reversal of osteoporosis, improves bone geometry and reduces the incidence of stress fractures in humans.

Type of Product:	Supporting Bone Health and Development	
Storage Conditions:	Store in original container below 25°C. Keep out of direct sunlight. Always replace lid after use.	
Packaging:	Drum 3kg x 5	Code: 7776
Directions for Use:	1 heaped scoop = 50g Adult horses 50g to support normal bone growth Foals 30g to support normal bone growth Adult horses 100g for extra effect  WITHDRAWAL PERIOD: 24 hours before competition	
Composition:	Calcium Carbonate, Methylsulfonylmethane, Magnesium Sulphate Heptahydrate, Lucerne meal (Alfalfa)	
Analytical Constituents:	Sodium	0.0%
	Calcium	33%
	Sulphur	1.3%
	Magnesium	1.0%
	Phosphorus	0.0%
Additives per kg:	Vitamins 3a671 Vitamin D3 250,000 iu	



# EquoCalmin

For optimum skeletal development and conformation for mares in foal, weanlings, yearlings and two year olds.

The foundation for a horse's future success can be laid down before the horse is born. Ensuring the breeding mare has the correct balance is key for optimum development and conformation in the foal. Equocalmin will also support the young horse to give the horse the best start in life.

## EquoCalmin Contains:

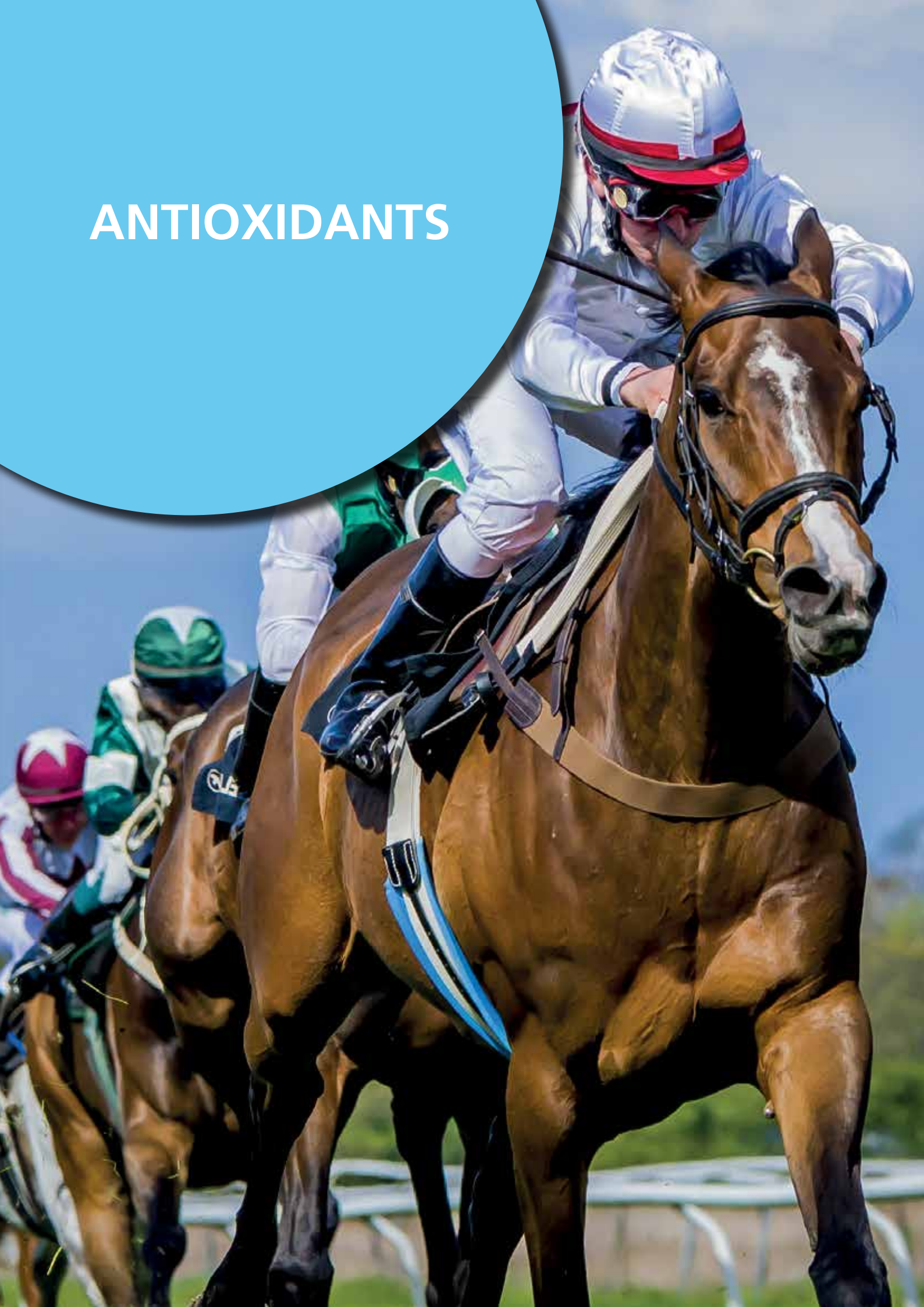
- |                     |              |
|---------------------|--------------|
| ✓ Calcium           | ✓ MSM        |
| ✓ Phosphorus        | ✓ Methionine |
| ✓ Biotin            | ✓ Threonine  |
| ✓ Natural Vitamin E | ✓ Lysine     |
| ✓ Chelated Copper   | ✓ Vitamin D3 |
| ✓ Chelated zinc     |              |





<b>Type of Product:</b>	For optimum skeletal development and conformation for mares in foal, weanlings, yearlings and two year olds.		
<b>Storage Conditions:</b>	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.		
<b>Packaging:</b>	Drum 2kg x 5 Drum 10kg x 1	Code: 8058 Code: 8055	
<b>Directions for Use:</b>	<b>Mare in foal:</b> 120g per day (1 level scoop 60g) <b>Lactating Mare:</b> 120g per day <b>Weanling:</b> 60g per day <b>Yearling:</b> 60g per day <b>Two year old:</b> 60g per day		
<b>Composition:</b>	Dicalcium Phosphate, Calcium Carbonate, Sodium Chloride, Methylsulphonylmethane (MSM)		
<b>Analytical Constituents:</b>	Calcium Phosphorus Sodium Magnesium	19.5% 6.7% 5.0% 0.0%	
<b>Additives:</b>	<b>Additives</b> <b>Amino Acids:</b> 3c301 DL-Methionine 3c410 L-Threonine 3c322 L-Lysine Methylsulfonylmethane	<b>Per 120g</b> 4,200mg 1,800mg 12,600mg 1,560mg	<b>Per kg</b> 35,000mg 15,000mg 105,000mg 13,000 mg
<b>Vitamins:</b>	3a880 Biotin 3a672a Vitamin A 3a671 Vitamin D3 3a700 Vitamin E	24,000mcg 30,000iu 12,000iu 999mg	200,000mcg 250,000iu 100,000iu 8,33mg
<b>Trace Elements:</b>	Zinc (as 3b607 Zinc chelate of glycine hydrate) Zinc (as 3b603 Zinc Oxide) Copper (as 3b413 Copper chelate of glycine hydrate) Copper (as 3b405 Copper sulphate pentahydrate) Manganese (as 3b506 Manganese chelate of glycine hydrate)	<b>Per 120g</b> 289mg 289mg 50mg 50mg 309mg	<b>Per kg</b> 2,410mg 2,410mg 416mg 416mg 2,573mg

# ANTIOXIDANTS



# RACING E



Powerful antioxidant formula

**NATURAL VITAMIN E:** Essential antioxidant defense which plays a role in neuromuscular, circulatory and reproductive functionality.

The protection of cells from oxidative damage.

## Recommended for:

- ✓ Race and performance horses
- ✓ Horse recovering from illness and/or injury
- ✓ Prior to stressful events such as foaling and travel
- ✓ Horses in stables which are not receiving fresh green grass



Natural  
Vitamin E



Ascorbic  
Acid



Methionine



Lysine



Protected  
Copper



B vitamins

<b>Type of Product:</b>	Complementary feedingstuff for horses. To supplement vitamins and other nutrients to support muscle function. Concentrated source of natural Vitamin E.		
<b>Storage Conditions:</b>	Store in a dry place below 25°C in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.		
<b>Packaging:</b>	Drum 1.5kg x 8 Drum 3kg x 5	Code: 6037 Code: 6038	
<b>Directions for Use:</b>	<b>Daily</b> <b>Horses in training or competition</b> (1 heaped scoop) 50g <b>Breeding stock</b> 50g <b>Ponies</b> 25g <b>Note:</b> Fresh drinking water should always be available.		
<b>Composition:</b>	Glucose		
<b>Analytical Constituents:</b>	Crude Oil 5.0% Crude Protein 8.0% Moisture 2.0% Crude Fibre 0.1% Crude Ash 4.0%	Lysine 6.0% Methionine 2.0% Sodium 0.0% Total Sugars 80.0%	
<b>Additives:</b>	<b>Vitamins</b> 3a821 Thiamine 125mg 3a700 α tocopherol 3,000mg 3a300 Ascorbic acid 50mg	<b>per 50g</b> <b>per 1 kg</b>	2,500mg 60,000mg 1,000mg
<b>Amino Acids:</b>	3.2.3 Lysine 3,000mg 3c301 DL Methionine 1,000mg	<b>per 50g</b> <b>per 1 kg</b>	60,000mg 20,000mg
<b>Trace Elements:</b>	3b802 Sodium Selenite 1mg		20mg





# POWER E

Natural Vitamin E + Carnitine to  
boost the metabolism (no Selenium)



**NATURAL VITAMIN E:** Essential antioxidant defense which plays a role in neuromuscular, circulatory and reproductive functionality.

## L-Carnitine:

- ✓ Releases more energy during warm up.
- ✓ Allows rapid recovery after hard work.
- ✓ Helps to prevent exhaustion.

**L-Carnitine** improves performance & endurance and supports the prevention of muscle fatigue. L-Carnitine plays an important role in energy metabolism. It carries long chain fatty acids into mitochondria (the cell furnace) where they are converted into energy for muscle contraction.



Natural  
Vitamin E



Ascorbic  
Acid



Lysine



Methionine

<b>Type of Product:</b>	Concentrated source of natural Vitamin E for horses.		
<b>Storage Conditions:</b>	Keep out of direct sunlight. Store in a cool, dry place (between 5°-25°C). Always replace lid after use.		
<b>Packaging:</b>	Drum 3kg x 5 Drum 1.5kg x 8	Code: 6039 Code: 6042	
<b>Directions for Use:</b>	<b>Horses in training or competition (1 heaped scoop)</b> 50g <b>Breeding stock</b> 50g <b>Ponies</b> 25g <b>Note:</b> Fresh drinking water should always be available		
<b>Additives:</b>	<b>Vitamins</b> 3a700 Vitamin E - alpha tocopherol 3a300 Vitamin C- Ascorbic acid 3a820 Vitamin B1 - Thiamine 3c910 Carnitine	<b>per 50g</b> 3000mg 50mg 125mg 2500mg	<b>per 1 kg</b> 60000mg 1000mg 2500mg 50000mg
<b>Amino acids, their salts and analogues</b>	3c301 Methionine 3c322 Lysine	1000mg 3,000mg	20000mg 60,000mg







A photograph of several horses and jockeys racing on a green grassy field. The jockeys are wearing colorful silks, including maroon and white. The horses are in full gallop, with their legs extended. A large, semi-circular pink overlay is positioned in the upper right corner of the image, containing the text 'FOUNDATION PRODUCTS' in white, bold, sans-serif capital letters.

# FOUNDATION PRODUCTS





# EquiBoost

The ultimate complete multivitamin, conditioner plus prebiotic for high performance horses

## Equiboost

The complete conditioner, for daily feeding to performance horses. It will assist them in maintaining athletic performance and gut health.

**Equiboost** contains 26 key nutrients, including chelated trace elements which are fully protected to ensure a high level of bioavailability.

The prebiotic supplies a fermentable food source for the growth of beneficial bacteria in the hind gut and is not digested by the horse. The prebiotic also impairs the development of harmful bacteria and acts as a regulator of the intestinal flora, with resulting beneficial effects on the horse's health, well being and performance.

**26  
KEY  
NUTRIENTS**



Trace  
Elements



Omega 3



Chelates



Prebiotic



Antioxidants



Vitamins



Amino Acids





## Plus Prebiotic



Type of Product:	Performance conditioner for horses		
Storage Conditions:	Keep out of direct sunlight. Store in a dry place below 25°C in original container. Always replace lid after use.		
Packaging:	Drum 3kg x 5	Code: 3402	
Directions for Use:	Equiboost should be added to normal feed. Fresh drinking water should always be available. Do not feed 24 hours before strenuous exercise.  <b>Adult Horses:</b> 50g (1 heaped scoop) <b>Foals:</b> 25g		
Analytical Constituents:	Calcium 6.0%, Phosphorus 3.0%, Sodium 2.0%, Methionine 5.0%, Lysine 5.0%, Magnesium 0.0%.		
Composition:	Dicalcium Phosphate, Fructo-oligosaccharides (Prebiotic), Calcium Carbonate, Sodium Chloride, Linseed Oil (Source of Omega 3)		
Trace Elements:	Vitamin	per 50g	per 1kg
	3a672a Vitamin A	50,000iu	1,000,000iu
	3a820 Vitamin B1	85mg	1,700mg
	3a825i Vitamin B2	85mg	1,700mg
	3a671 Vitamin D3	2,500iu	50000iu
	3a831 Vitamin B6	40mg	800mg
	Cyanocobalamin	300mcg	6,000mcg
	3a300 Vitamin C	160mg	3,200mg
	α tocopherol -3a700	2,500mg	50,000mg
	3a711 Vitamin K3	10mg	200mg
	3a314 Nicotinic acid	100mg	2,000mg
	3a841 Calcium D-Pantothenate	50mg	1,000mg
	3a880 Biotin	2mg	40mg
	3a316 Folic acid	40mg	800mg
Trace Elements:		per 50g	per 1kg
	Copper (as 3b413 Copper chelate of glycine hydrate)	80mg	1,600mg
	Zinc (as 3b607 Zinc chelate of glycine hydrate)	200mg	4000mg
	Manganese (as 3b506 Manganese chelate of glycine hydrate)	163mg	3,250mg
	Iron (as 3b108 Iron chelate of glycine hydrate)	200mg	4,000mg
	Iodine (as 3b202 Calcium Iodate)	10mg	200mg
	Selenium (as 3b802 Sodium Selenite)	1.25mg	25mg
Chemically well defined substances having a similar biological effect to vitamins:	Omega 3	1,350mg	27,000mg
Amino Acids:	3c410 Threonine	2,500mg	50,000mg
	3.2.3 Lysine	2,500mg	50,000mg
	3c301 Methionine	2,500mg	50,000mg



# SuperBooster Syrup

High performance mineral and vitamin syrup

- ✓ Performance
- ✓ Energy
- ✓ Vitality

Contains **Omega 3**  
plus **20** key micro nutrients



## WHEN TO USE

- ✓ Booster for horses in training
- ✓ Conditioner for race horses
- ✓ Conditioner for horses for sales
- ✓ Support for horses recovering from an illness
- ✓ easy to administer & exceptionally palatable

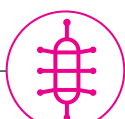
Chelated trace elements which are fully protected to ensure a high level of bioavailability. Minerals in this form are better protected against adverse interactions in the gut and are easily absorbed. They are resistant to antagonists such as sulphates and molybdenum. A large amount of suspected deficiencies are not as a result of a primary deficiency but a secondary interaction rendering the minerals in the diet unavailable to the horse.



Vitamins



Chelates



Trace  
Elements



Antioxidants



Omega 3





Type of Product:	High performance mineral and vitamin syrup.		
Storage Conditions:	Keep out of direct sunlight. Store in a cool, dry place (between 5-28°C). Always replace lid after use.		
Packaging:	Bottle 1L x 15 Bottle 2.5L x 8	Code: 3080 Code: 6102	
Directions for Use:	Superbooster should be added to normal feed <b>Note:</b> Fresh drinking water should always be available <b>All Horses:</b> Feed 60ml per day <b>Ponies &amp; Foals:</b> Feed 30ml per day		
Composition:	Rosemary, Soya Oil		
Analytical Constituents:	Moisture Crude Protein Crude Fibre Crude Ash Crude Oil Sodium	70.5% 1.72% 0.1% 1.9% 4.5% 0.0%	
Additives:	<b>Vitamins</b> 3a672a Vitamin A 3a671 Vitamin D3 3a700 Vitamin E α-Tocopherol 3a711 Menadione Riboflavin 3a831 Pyridoxine Hydrochloride 3a314 Nicotinic acid 3a841 Calcium D-Pantothenate 3a820 Thiamine 3a880 Biotin 3a316 Folic Acid	<b>per 1 L</b> 700,000iu 110,000iu 15,000mg 330mg 1,000mg 500mg 4,000mg 1,000mg 1,250mg 25mg 835mg	<b>per 60ml</b> 42,000iu 6,600iu 900mg 19.8mg 60mg 30mg 240mg 60mg 75mg 1.5mg 50mg
Trace Elements:	Selenium (as 3b802 Coated granulated Sodium selenite) Manganese (as 3b502 Manganese oxide) Zinc (as 3b604 Zinc Sulphate Heptahydrate) Copper (as 3b413 Copper chelate of glycine hydrate) Zinc (as 3b607 Zinc chelate of glycine hydrate) Iodine (as 3b201 Potassium Iodide)	<b>per 1 L</b> 6.6mg 3,350mg 2,000mg 1,000mg 2,000mg 50mg	<b>per 60ml</b> 0.4mg 201mg 120mg 60mg 120mg 3mg
Chemically well defined substances having a similar biological effect to vitamins:	Omega 3	38,000mg	2,280mg







# ENERGY RELEASE

# Lactese Plus

Supporting lactic acid metabolism & energy release



Lactese Plus supports the conversion of harmful lactic acid to energy in the horse during intense exercise such as Racing.

## Why use Lactese Plus?

- ✓ Lactese Plus helps cells efficiently deliver fuel from anaerobic metabolism to the Krebs cycle for energy release
- ✓ Contains the key ingredients needed to release energy from both carbohydrates and fats
- ✓ A favourite energy support in racing, endurance, eventing and of veterinarians
- ✓ Easily absorbed



Lipoic Acid



Pantothenic Acid



Riboflavin



Niacinamide



Seaweed



Thiamine

Type of Product:	Complementary Feedingstuff for Horses. To supplement vitamins and other nutrients to support muscle function & lactic acid metabolism.	
Storage Conditions:	Keep out of direct sun light. Store in original container below 25°C. Do not freeze.	
Packaging:	Syringe 30ml paste x 12	Code: 6035
Directions for Use:	Feed 30ml 2 days before strenuous exercise and 30ml 2-3 hours prior to strenuous exercise. After strenuous exercise feed 30ml. For daily conditioning, feed 15ml for the first 2 days, then 7ml each day.	
Composition:	Lipoic acid, Seaweed Extract.	
Analytical Constituents:	Moisture	82%
	Crude Ash	0.1%
	Crude Fibre	0.1%
	Crude Protein	2%
	Crude Oil	0.1%
	Sodium	0.0%
Additives:	<b>Vitamins:</b>	<b>per 30ml</b>
	3a820 Vitamin B1- Thiamine	1,000mg
	3a841 Pantothenic Acid	900mg
	3a825i Vitamin B2 - Riboflavin	70mg
	3a711 Nicotinic Acid	70mg



# Energy1000

Racing Energiser



## Energy 1000 Supports:

- ✓ Energy to run faster without fattening
- ✓ Tissue oxygenation
- ✓ Muscles, bones and nerves
- ✓ Efficiency of racehorses
- ✓ Numerous disorders
- ✓ General activity
- ✓ Performance and condition



Glucose



DMG



TMG



ATP

Type of Product:	Racing Energizer		
Storage Conditions:	Store in a dry place (between 5-28°C) in original container. Keep out of direct sunlight. Do not freeze. Always replace lid after use.		
Packaging:	Tubs 100g x 93		Code: 688
Directions for Use:	Horse:	2-3 spoons of 5ml daily	
	Duration:	2-3 weeks prior to strenuous exercise.	
Composition:	Glucose, Calcium Stearate, Dimethylglycine (DMG), Adenosine Triphosphate (ATP), Potassium Chloride, Trimethylglycine (TMG)		
Analytical Constituents:	Total Sugars	16.0%	Crude Ash 34%
	Moisture	4.4%	Crude Protein 7.5%
	Crude Oil	21.6%	Crude Fibre 0.1%
	Potassium	3.5%	Calcium 1.0%
	Sodium	1.0%	Phosphorus 1.0%
Additives:	Vitamins:	per 100g	
	3a672a Vitamin A	200,000 iu	
	3a671 Vitamin D3	50,000 iu	
	3a700 α tocopherol	20,000 mg	
Trace Elements:	Selenium (as 3b802 Sodium Selenite)	22.5mg	
	Iron (as 3b108 Iron chelate of glycine hydrate)	21.5mg	



# Energy 1000

Two step energy release programme

- ✓ Increasing energy to allow the horse to run faster for longer
- ✓ Enhancing general activity
- ✓ Enhancing performance



**A**



Feed 60ml of Energy  
**1000A**

6 hours before  
strenuous exercise

**CONTAINS:**

- ✓ DMG
- ✓ Calcium
- ✓ Vitamin D3

**B**



Feed 60ml of Energy **1000B**

3 hours before  
strenuous exercise

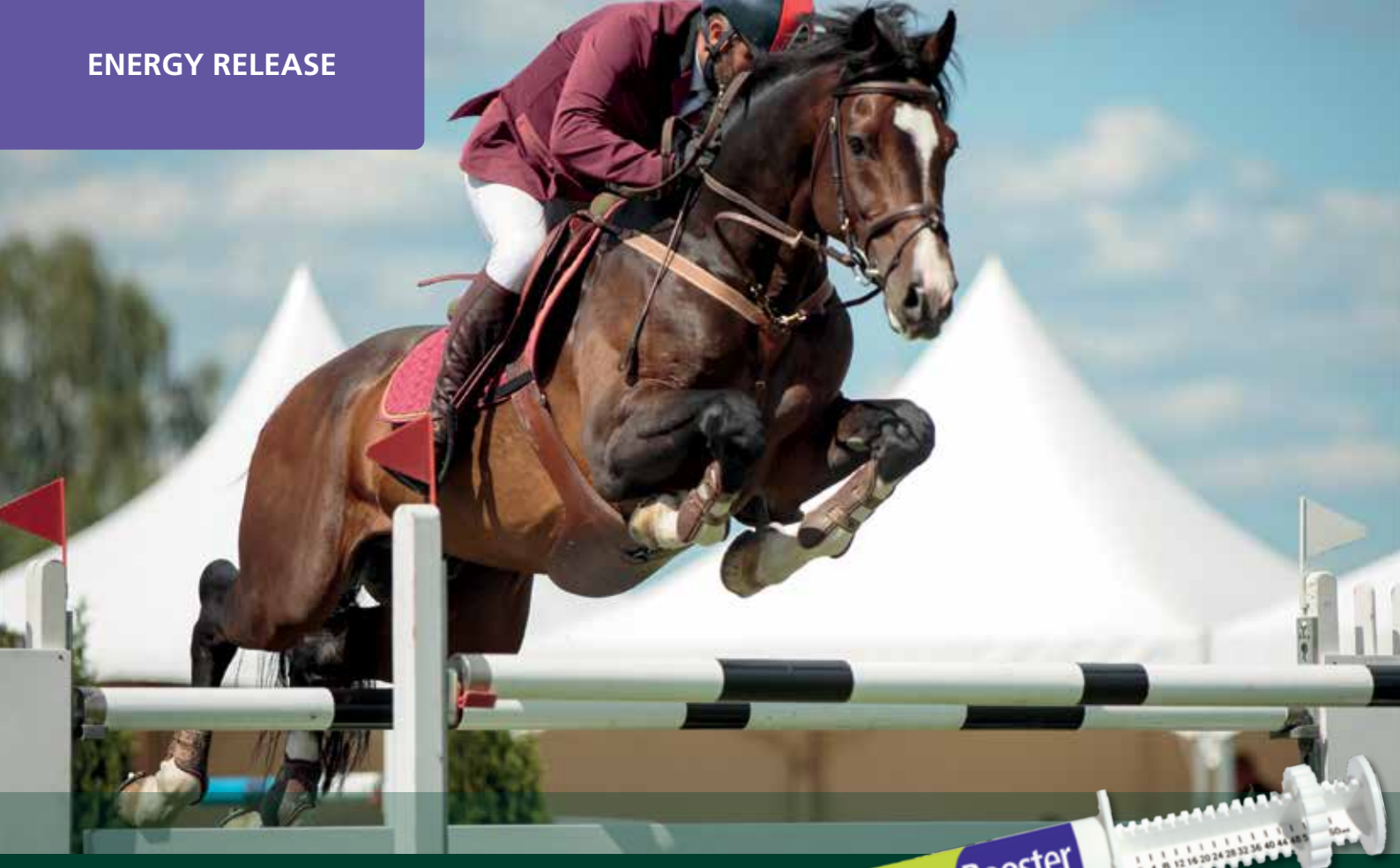
**CONTAINS:**

- ✓ Calcium
- ✓ DMG
- ✓ TMG
- ✓ Carnitine
- ✓ Pyridoxine hydrochloride
- ✓ Calcium-D Pantothenate
- ✓ Vitamin A
- ✓ Vitamin D3





<b>Type of Product:</b>	Complementary Feedingstuff for Horses. To supplement vitamins and other nutrients to support energy metabolism.			
<b>Storage Conditions:</b>	Store in original container below 25°C out of sunlight. Do not freeze.			
<b>Packaging:</b>	Syringe 2 x 60ml paste x 15		Code: 6083	
<b>Packaging:</b>	Energy1000 A - 60ml		Energy1000 B - 60ml	
<b>Directions for Use:</b>	Feed 60ml 6 hours before strenuous exercise.		Feed 60ml 3 hours before strenuous exercise.	
<b>Composition:</b>	Calcium chelate, Dimethyl Glycine (DMG)		Potassium Chloride, Calcium Chelate., DMG	
<b>Analytical Constituents:</b>	Moisture 39.0%, Crude Ash 15.9%, Crude Protein 25.4%, Crude Oil and Fat 0.1%, Crude Fibre 0.2%, Calcium 5.4%, Sodium 0.0%		Moisture, 52.6%, Crude Protein 15.1%, Crude Fibre 0.1%, Crude Ash 12.4%, Crude Oil and Fat 8.8%, Calcium 0.77%, Sodium 0%, Potassium 1.3%.	
<b>Additives:</b>	<b>Vitamins:</b> 3a671 Vitamin D3 3a700 Vitamin E 3a711 Vitamin K3 3a831 Vitamin B6 3a820 Vitamin B1 3a316 Folic Acid 3a300 Vitamin C	<b>per 60ml</b> 600iu 692mg 72mg 11.5mg 30mg 36mg 720mg	<b>Vitamins:</b> 3a672a Vitamin A 3a671 Vitamin D3 3a700 Vitamin E 3a711 Vitamin K3 3a831 Vitamin B6 3a841 Calcium D-Pantothenate 3a820 Vitamin B1 3a316 Folic Acid	<b>per 60ml</b> 120,000iu 24,000iu 692mg 72mg 60mg 24mg 30mg 36mg
<b>Trace Elements:</b>	Zinc (as 3b607 Zinc chelate of glycine hydrate) Copper (as 3b413 Copper chelate of glycine hydrate) Manganese (as 3b506 Manganese chelate of glycine hydrate) Iron (as 3b108 Iron chelate of glycine hydrate)	29mg 29mg 11.5mg 300mg	Zinc (as 3b607 Zinc chelate of glycine hydrate) Manganese (as 3b506 Manganese chelate of glycine hydrate)	29mg 11.5mg
<b>Natural products - botanically defined:</b>	3b607 Zinc chelate of glycine hydrate 3b413 Copper chelate of glycine hydrate 3b506 Manganese chelate of glycine hydrate 3b108 Iron chelate of glycine hydrate	339mg 480mg 192mg 2,520mg	3b607 Zinc chelate of glycine hydrate 3b506 Manganese chelate of glycine hydrate	339mg 192mg
<b>Amino acids, their salts and analogues:</b>	DL-methionine 3c301	1,800mg	DL-methionine 3c301	1,800mg



# Super Booster

Energy booster for competition

Super Booster is a high performance energy booster for performance horses.

Super Booster SUPPORTS IMPROVED:

- ✓ Metabolism
- ✓ Performance
- ✓ Energy



Carnitine



Omega 3



Antioxidants



Q10

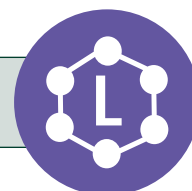


TMG



ATP

## L-Carnitine



Will help to release more energy during warm up, allows rapid recovery after hard work, helps to prevent exhaustion and is natural amino acid. L-Carnitine improves performance & endurance and supports delay of onset of muscle fatigue.

**L-Carnitine plays an important role in Energy Metabolism**

It carries Long chain fatty acids into mitochondria (the cell furnace) where they are converted into energy for muscle contraction.

If your horse regularly participates in competition, L-Carnitine is a great addition to your training and feeding pattern.





<b>Type of Product:</b>	To supplement vitamins and other key nutrients to support high performance horses for competition.	
<b>Storage Conditions:</b>	Store in a dry place (below 25°C) in original container. Keep out of direct sunlight. Keep lid tightly closed.	
<b>Packaging:</b>	Syringe 60ml paste x 15	Code: 6185
<b>Directions for Use:</b>	<p>SuperBooster can be fed daily as a dietary supplement to horses. Alternatively, it may be fed 3 days prior to an event. Remove cap from nozzle. Turn ring to required setting. Insert nozzle into the horse's mouth. Direct towards the back of the tongue and depress plunger to deposit paste.</p> <p><b>Horses</b> - As a dietary supplement, 5 ml daily. Or as directed by your nutritionist or veterinary surgeon.</p> <p><b>Ponies &amp; Foals</b> - As a dietary supplement, 2.5 ml daily.</p> <p><b>High Performance Preparation</b> - 60ml daily for 3 days prior to event</p>	
<b>Composition:</b>	Flax oil, Rosemary, Adenosine triphosphate (ATP) 600mg, Co-Enzyme Q10 1,900mg	
<b>Analytical Constituents:</b>	Crude Ash 7%, Crude Protein 8.5%, Crude Oil 46%, Crude Fibre 0%, Sodium 0%.	
<b>Additives:</b>	<b>Vitamins &amp; Provitamins:</b> 3a300 Ascorbic acid 3a700 Vitamin E - $\alpha$ -tocopherol 3a671 Vitamin D3 3a672b Vitamin A 3a821 Vitamin B1 3a825ii Vitamin B2 3a314 Vitamin B6 3a880 Biotin 3a316 Folic Acid 3a710 Vitamin K3 3a315 Nicotinamide 3a841 Calcium-D Pantothenate 3a910 Carnitine Omega 3	<b>per 60ml</b> 1,000mg 1,500mg 6,600iu 42,000iu 75mg 60mg 30mg 1.5mg 50mg 10mg 150mg 60mg 4,020mg 2,000mg
<b>Trace Elements:</b>	Copper (as 3b413 Copper chelate of glycine hydrate) Zinc (as 3b607 Zinc chelate of glycine hydrate) Iron (as 3b108 Iron chelate of glycine hydrate) Iodine (as 3b201 Potassium Iodide) Selenium (as 3b801 Sodium Selenite) Manganese (as 3b506 Manganese chelate of glycine hydrate)	420mg 600mg 288mg 3mg 0.4mg 200mg
<b>Chemically well defined substances having a similar biological effect to vitamins:</b>	3a920 Betaine (trimethylglycine - TMG)	8,000mg



**Mervue Laboratories**

**Unit 9 Watergrasshill Business Park, Co. Cork, Ireland.**

**Tel: +353 (0)21 439 1080**

**[www.mervuelab.com](http://www.mervuelab.com)**

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