

Powered
by Science



Plusvital

Scientific supplements
for horses



plusvital.com





Plusvital



All of the Plusvital supplements are manufactured in a UFAS accredited facility.

Alltech®

supply the following ingredients included within some Plusvital supplements:

ACTIGEN® BIOPLEX® SEL-PLEX®



Empower Performance

Since its founding in 1975, Plusvital has been a pioneer in equine science, providing a comprehensive range of scientifically formulated products that empower performance for serious competitors across all equine disciplines, including racing and breeding. Proudly remaining an Irish family-owned business, Plusvital supplies equine supplements to industry leaders in over 40 countries worldwide.

Building on the success of its flagship product, the renowned **Plusvital Racing Syrup**, the company continues to drive innovation, working closely with top equine nutritionists, scientists, and anti-doping experts across the USA, Europe, and Australia. All products are manufactured to rigorous EU feed hygiene standards and adhere to international anti-doping regulations.

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Safe for use in competition

Plusvital are committed to maintaining the highest quality products which adhere to international anti-doping regulations and no ingredients within Plusvital supplements are present on any banned substance lists in any equine discipline.

Plusvital products are safe to use at FEI competition level and in all racing regions globally. To provide a further level of assurance, all natural raw materials are tested externally to confirm the absence of Naturally Occurring Prohibited Substances (NOPS) by a third party international specialised laboratory.

Why supplement your horse?

Powered
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Even with a carefully planned diet, horses may still lack essential nutrients. Supplementation can bridge these nutritional gaps, supplying vital vitamins, minerals, and other necessary elements to ensure optimal performance and wellbeing.



NUTRITIONAL GAPS

Balanced diet

Even with a well-planned diet horses may not receive all the necessary nutrients. Supplementation can fill these gaps, providing vitamins, minerals, and other essential dietary elements to ensure optimal wellbeing.

Specific needs

Some horses have unique dietary needs based on age, breed, or existing health conditions that may require additional supplementation.

Dietary deficiencies

Supplementation can help to address mineral deficits which can impair health.

- ▶ See **Breeding Syrup** on page 11
- ▶ See **Breeding Robust** on page 11
- ▶ See **Iron Syrup** on page 8
- ▶ See **Vitamin C 100** on page 29

ENHANCED PERFORMANCE

Athletic support

High performance horses often require additional support for muscles, joints, and overall energy. Supplementation can provide amino acids, electrolytes, and other performance-enhancing nutrients.

Recovery

Post-exercise recovery supplements help reduce inflammation, combat oxidative stress, replenish glycogen stores, and support muscle repair.

- ▶ See **Racing Syrup** on page 7
- ▶ See **Racing Pellets** on page 9
- ▶ See **Ty-Relief** on page 35
- ▶ See **Sport Syrup** on page 9
- ▶ See **ATP-10** on page 8
- ▶ See **Recovery-7** on page 13
- ▶ See **Re-Zest** on page 13
- ▶ See **Electrolyte Plus** on page 25
- ▶ See **Electrolyte Gel** on page 25

JOINT AND BONE HEALTH

Preventive care

Supplements containing Glucosamine, Chondroitin, MSM, and Hyaluronic Acid can support joint health, reduce the risk of arthritis, and maintain flexibility.

Injury recovery

Horses recovering from joint or bone injuries may benefit from supplements that help promote healing and strengthen bones.

- ▶ See **Flexyl HA** on page 17
- ▶ See **Flex Supp** on page 17
- ▶ See **Breeding Robust** on page 11

DIGESTIVE HEALTH

Gut health

Supplementation with certain ingredients such as prebiotics and Fructo-oligosaccharides (FOS) can help support a healthy gut microbiome, improving digestion and nutrient absorption.

Ulcer prevention

Supplements can help prevent or manage gastric ulcers, especially in horses prone to stress or those with high-grain diets.

Colic prevention

Psyllium husk based supplements can help prevent sand build up in the intestine, reducing the risk of sand colic.

- ▶ See **Neutragast** on page 21
- ▶ See **Neutragast Pellets** on page 21
- ▶ See **Sand Remove** on page 23

RESPIRATORY HEALTH

Support lung function

Supplementation of Hesperidin and Polyphenols can help alleviate respiratory inflammation during periods of stress, such as transportation, illness or exposure to excessive airway irritants like pollen or dust.

Environmental transition

When horses are initially brought in from the paddock to the stable, during the colder winter months, Peppermint & Rosemary essential oils, along with Menthol can help alleviate resulting coughs and mucus build up.

- ▶ See **Bioflavidex** on page 15
- ▶ See **Bronc-Eze** on page 15

HOOF AND COAT QUALITY

Hoof health

Biotin, Methionine and Zinc are often included in hoof supplements to promote strong and healthy hooves.

Coat shine

Omega-3 fatty acids and other nutrients can enhance coat quality, making it shinier and healthier.

- ▶ See **Acti-Hoof** on page 33
- ▶ See **Hoofcare** on page 33
- ▶ See **Carron Oil** on page 31
- ▶ See **Shampoo** on page 37

IMMUNE SYSTEM SUPPORT

Strengthening immunity

Antioxidants such as Vitamin E and Selenium boost the immune system, helping horses fight off infections and recover more quickly from illnesses.

- ▶ See **E-Dash** on page 27
- ▶ See **Vitamin E + Se Syrup** on page 29
- ▶ See **Hepatic Balance** on page 35

BEHAVIOURAL BENEFITS

Calming effects

Certain supplements containing Magnesium, B Vitamins and other ingredients can help calm anxious or stressed horses.

- ▶ See **Tryptocool** on page 19
- ▶ See **Chillax** on page 19





Plusvital Racing Syrup is actually my favourite supplement at the moment, because I can give it to my horses five days before a race and it perks them up enough to hopefully give the extra edge needed to come out on top.

Johnny Murtagh, five-time Champion jockey and Group winning trainer

PERFORMANCE

Racing Syrup

Scientifically formulated liquid supplement containing 30 essential vitamins, minerals and amino acids to support the racehorse.



The demanding training programs of modern racehorses require a diet rich in essential nutrients to help combat stress and unlock the horse's full athletic potential.

First introduced in 1975, the original Plusvital product has been continuously refined over the years to align with the latest scientific advancements in equine nutrition. Today, **Racing Syrup** delivers 30 vital vitamins, minerals, trace elements, amino acids, and Branch Chain Amino Acids (BCAAs) ensuring peak performance in every race.

KEY FEATURES

- ▶ Branch Chain Amino Acids (BCAAs) Valine, Leucine & Isoleucine to aid muscle recovery after hard training or racing;
- ▶ B Vitamin Complex to support appetite, energy production, Red Blood Cell production & absorption of other nutrients;
- ▶ Antioxidant cocktail including Vitamins A & E, Selenium, Copper & Zinc to help combat oxidative stress.



MULTIVITAMINS



MINERALS



BRANCHED CHAIN AMINO ACIDS

DIRECTIONS FOR USE

Shake well before use. Give daily, orally or in feed.

Horse & ponies > 300kg / 650 lbs: 60ml / 2 fl.oz. (2 pumps)

Horses & ponies < 300kg / 650 lbs: 30ml / 1 fl.oz. (1 pump)

A dispensing pump is available (pump dispenses 30ml / 1fl.oz.)

No further supplementation required.

Please consult an Equine Nutritionist or Veterinary Surgeon before using in conjunction with other supplements.



5 L /
1.3 Gal



2 L /
0.53 Gal

AVAILABLE SIZES
& feeding days

83 DAYS

33 DAYS

ATP-10

High fat, pelleted supplement with BCAAs and B12 to aid glycogen sparing during aerobic work.



AVAILABLE SIZES & feeding days

10 DAYS

Research shows that dietary fat in a horse's feed can help conserve glycogen stores during peak performance. By combining fat with targeted vitamins and proteins, including BCAAs, this supplement promotes the metabolism of fat stores to delay muscle fatigue.

ATP-10 is formulated as a feed supplement with an optimized blend of dietary fat, protein, and vitamins to enhance glycogen conservation, supporting increased stamina and more efficient energy use.

KEY FEATURES

- ▶ High fat content as alternative energy source;
- ▶ Includes Ribose to aid ATP production (vital for energy);
- ▶ Excellent amino acid profile, including BCAAs Leucine, Isoleucine & Valine to optimise muscle function and development.



BRANCHED CHAIN AMINO ACIDS



SOURCE OF B VITAMINS



ACTIVE YEAST

DIRECTIONS FOR USE

Give daily in feed.

Horses & ponies > 300kg / 650 lbs: 500g / 18 oz (1 scoop)

Horses & ponies < 300kg / 650 lbs: 250g / 9 oz (½ scoop)

Iron Syrup

Scientifically formulated liquid supplement to optimise red blood cell production in cases of iron deficiency.



Horses

AVAILABLE SIZES & feeding days

83 DAYS



16 DAYS

Illness and blood loss can lead to iron depletion in horses, making supplementation essential.

Iron Syrup combines Iron with B Vitamins, Vitamin K, and Copper to support Red Blood Cell formation in cases of iron deficiency.

KEY FEATURES

- ▶ Iron to aid haemoglobin production;
- ▶ B Vitamins & Copper to support Red Blood Cell formation.



SOURCE OF B VITAMINS



SOURCE OF COPPER



SOURCE OF ZINC

DIRECTIONS FOR USE

Shake well before use. Give orally or in feed, for 2-4 weeks.

Horse & ponies > 300kg / 650 lbs: 60ml / 2 fl.oz. (2 pumps)

Horses & ponies < 300kg / 650 lbs: 30ml / 1 fl.oz. (1 pump)

A dispensing pump is available (pump dispenses 30ml / 1fl.oz.)

Do not exceed stated dose.

Racing Pellets

Scientifically formulated pelleted supplement containing 34 essential vitamins, minerals and amino acids to support the racehorse.



AVAILABLE SIZES
& feeding days

40 DAYS

The rigorous training programs of modern racehorses demand a diet packed with essential nutrients to manage stress and maximise athletic potential.

Racing Pellets offer an optimal amino acid profile that is especially beneficial for building muscle in racehorses with a weak topline.

Racing Pellets can be used to “top up” a standard racing diet or serve as a balancer for horses on box rest or restricted feeding, ensuring they still receive their minimum daily nutritional requirements.

KEY FEATURES

- ▶ Branch Chain Amino Acids (BCAAs) Valine & Isoleucine to aid muscle recovery after hard training or racing;
- ▶ B Vitamin Complex to support appetite, energy production, red blood cell production & absorption of other nutrients;
- ▶ Antioxidant cocktail including Vitamins A & E, Selenium, Copper & Zinc to help combat oxidative stress.



MULTIVITAMINS



MINERALS



BRANCHED CHAIN
AMINO ACIDS

DIRECTIONS FOR USE

Give daily in feed.

Horses & ponies > 300kg / 650 lbs: 150g / 6 oz. (1 scoop)

Horses & ponies < 300kg / 650 lbs: 75g / 3 oz. (½ scoop)

Each scoop contains approx. 150g / 6oz.

No further supplementation required.

Please consult an Equine Nutritionist or Veterinary Surgeon before using in conjunction with other supplements.

Sport Syrup

Specifically formulated liquid supplement containing essential vitamins, minerals, PLUS prebiotics to support the performance horse.



AVAILABLE SIZES
& feeding days

83 DAYS

30 DAYS

Many sport horses, particularly ‘hot’ or ‘sensitive’, high-energy warmbloods and easy-keeper native breeds, require lower amounts of concentrated feed to maintain a calm temperament or a healthy body condition. These equine athletes will require additional vitamins, minerals, and amino acids to meet their nutritional needs for optimal health and performance, especially as training schedules increase in intensity.

Sport Syrup is specifically designed to support sport horses across all disciplines – whether showing, show jumping, eventing, dressage, mounted games, or polo. It provides the recommended daily intake of essential vitamins, minerals, and amino acids, with added Fructo-oligosaccharides (FOS) to support hindgut health, making it ideal for busy equine athletes who frequently travel to competitions.

KEY FEATURES

- ▶ Antioxidant cocktail of Vitamins A & E, Selenium, Copper & Zinc to help combat free radicals;
- ▶ Essential amino acids Lysine, Methionine & Threonine to aid muscle development and recovery;
- ▶ Fructo-oligosaccharides (FOS) to support gut health.



MULTIVITAMINS



SUPPORTS
DIGESTIVE
HEALTH



SOURCE OF
AMINO ACIDS

DIRECTIONS FOR USE

Shake well before use. Give daily, orally or in feed.

Horse & ponies > 300kg / 650 lbs: 60ml / 2 fl.oz. (2 pumps)

Horses & ponies < 300kg / 650 lbs: 30ml / 1 fl.oz. (1 pump)

A dispensing pump is available (pump dispenses 30ml / 1fl.oz.)

No further supplementation required.

Please consult an Equine Nutritionist or Veterinary Surgeon before using in conjunction with other supplements.



Since adding Plusvital Breeding Syrup to my feeding regime, the yearlings I am preparing for the sales look fantastic. They are developing well and have super coats. The syrup is suitable for all breeding stock so my mares, foals and store horses will be getting this balancer also.

Timmy Hillman, Owner/Manager of Castledillon Stud

Breeding Syrup

Scientifically formulated liquid supplement containing essential vitamins, minerals and amino acids to support fertility and optimal foetal development.



AVAILABLE SIZES & feeding days

5 L / 1.3 Gal	83 DAYS	Broodmares & Stallions	1 L / 0.26 Gal	16 DAYS	Broodmares & Stallions
	166 DAYS	Weanlings & Yearlings		33 DAYS	Weanlings & Yearlings
	333 DAYS	Foals		66 DAYS	Foals

Breeding Syrup is a specially formulated, highly palatable syrup designed to enhance the diet of breeding stallions and broodmares. It provides reassurance that all nutrient requirements are met, both:

- ▶ During the breeding season, when nutrient demands are elevated, and
- ▶ In the offseason, when lower feeding rates may fall short of recommended daily nutrient levels.

Breeding Syrup also provides outstanding support for young horses, from foals through weaning and into the yearling stage, making it particularly valuable for sales preparation.

KEY FEATURES

- ▶ Essential amino acids Lysine & Methionine important for healthy growth and development;
- ▶ B Vitamin Complex including Folic Acid to aid a healthy pregnancy;
- ▶ Vitamin E & Selenium to support healthy sperm and egg formation.



MULTIVITAMINS



MINERALS



SOURCE OF AMINO ACIDS

DIRECTIONS FOR USE

Shake well before use. Give daily, orally or in feed.

Foals (<6 months): 15ml / ½ fl.oz. (½ pump)

Weanlings & yearlings: 30ml / 1 fl.oz. (1 pump)

Broodmares & Stallions: 60ml / 2 fl.oz. (2 pumps)

A dispensing pump is available (pump dispenses 30ml / 1fl.oz.)

No further supplementation required.

Please consult an Equine Nutritionist or Veterinary Surgeon before using in conjunction with other supplements.

Breeding Robust

Scientifically formulated pelleted supplement combining essential vitamins, minerals and amino acids to support skeletal development and integrity.



AVAILABLE SIZES & feeding days

10 kg / 22 lbs	37 DAYS	Pregnant & Nursing Mares	4 kg / 8.8 lbs	15 DAYS	Pregnant & Nursing Mares
	75 DAYS	Weanlings, Yearlings & Horses in Training		30 DAYS	Weanlings, Yearlings & Horses in Training
	150 DAYS	Foals		60 DAYS	Foals

Nutritional imbalances are known to contribute to the development of orthopaedic diseases (DOD) in young, growing horses.

Breeding Robust provides the essential nutrients needed to support healthy skeletal growth and strength.

These convenient, easy-to-feed pellets provide a balanced supply of Calcium and Phosphorus, complemented by Vitamin D3 to optimise absorption, along with Copper and Zinc to support healthy cartilage formation. Formulated with a Soya Bean base, the pellets also supply excellent levels of Lysine and Methionine—the two primary limiting amino acids in an equine diet—laying a robust foundation for growth and development.

KEY FEATURES

- ▶ Vitamin D to aid Calcium and Phosphorus absorption;
- ▶ Ca, P, Cu, Zn, Mn & Mg - important minerals for skeletal development;
- ▶ Essential amino acids Lysine & Methionine important for healthy growth and development.



CALCIUM & PHOSPHORUS



SOURCE OF VITAMIN D



SOURCE OF AMINO ACIDS

DIRECTIONS FOR USE

Give daily.

Foals (3-6 months): 66.5g / 2 ½ oz. (½ scoop)

Weanlings & yearlings (> 6 months): 133g / 5 oz. (1 scoop)

Broodmares / horses in training: 266g / 10 oz. (2 scoops)

Each scoop contains approx. 133g / 5 oz.



We use Plusvital products on our staying horses and it definitely makes a difference in their performance as well as reducing recovery time.

Danny O'Brien, multiple Group 1 winning Australian trainer

Re-Zest

Scientifically formulated powdered supplement to aid muscle recovery post competition, providing a concentrated source of vitamins, minerals, amino acids (including BCAAs), antioxidants and Polyphenols.



750 g / 1.7 lbs

15 DAYS

AVAILABLE SIZES
& feeding days

A demanding exercise or competition schedule can place significant stress on the equine athlete's body, particularly through oxidative stress. To counteract this, antioxidants should be provided to support muscle recovery and help reduce soreness.

Re-Zest combines a powerful blend of antioxidants and essential vitamins, minerals and amino acids (including BCAAs), with the anti-inflammatory effects of DHA Omega-3 fatty acids, natural Polyphenols, Bioflavonoids, and Boswellia extract, making it a particularly good recovery supplement for the mature horse, which can also be used for broodmares after a difficult foaling.

Re-Zest is carefully formulated for rapid absorption to quickly restore your horse's nutritional balance, promoting a faster return to training and peak performance.

KEY FEATURES

- ▶ High in Polyphenols to support the immune system;
- ▶ BCAAs, including L-Valine, L-Isoleucine & L-Leucine to aid rebuilding & repair of muscle tissue after competition;
- ▶ Antioxidant cocktail including Vitamins A & E, Selenium, Copper & Zinc to help combat oxidative stress.



SOURCE OF
BIOFLAVONOIDS



SOURCE OF
BOSWELLIA
EXTRACT



SOURCE OF
NATURAL VITAMIN E

DIRECTIONS FOR USE

Horses & ponies > 300kg / 650 lbs: Give 50g / 2 oz. (2 scoops) in feed daily for 2 days before competition and continue for 3 days after.

Horses & ponies < 300kg / 650 lbs: Give 25g / 1oz. (1 scoop) in feed daily for 2 days before competition and continue for 3 days after.

Each scoop contains approx. 25g / 1 oz.

Recovery-7

Scientifically formulated powdered supplement to support post race recovery, providing a concentrated source of vitamins, minerals, amino acids (including BCAAs), antioxidants and Omega-3 (DHA).



Box of
7 x 50 g
/ 2 oz
sachets

7 DAYS

AVAILABLE SIZES
& feeding days

Intensive training or racing places significant demands on an equine athlete's body, and supporting recovery is essential to maintain peak health and performance.

Recovery-7 combines potent antioxidants, twelve essential vitamins, six microminerals, and nine amino acids (including BCAAs), alongside the anti-inflammatory benefits of DHA Omega-3 fatty acids. Enhanced with Active Yeast for improved nutrient absorption under stress, **Recovery-7** aids faster recovery, enabling a quicker return to training and maximising race opportunities throughout the season.

KEY FEATURES

- ▶ BCAAs, including L-Valine, L-Isoleucine & L-Leucine to aid rebuilding and repair of muscle tissue after strenuous exercise;
- ▶ High in Omega-3 DHA to assist the reduction of post-exertion muscle soreness;
- ▶ Contains Active Yeast to enhance absorption of nutrients and promote hindgut health.



BRANCHED CHAIN
AMINO ACIDS



ACTIVE YEAST



SOURCE OF
VITAMIN E

DIRECTIONS FOR USE

Horses & Ponies > 300kg / 650 lbs: Give 1 x 50g / 2 oz. sachet in feed daily for 3 days before a race and continue for 4 days after.

Horses & Ponies < 300kg / 650 lbs: Give ½ x 50g / 2 oz. sachet in feed daily for 3 days before a race and continue for 4 days after.



A vital part of my horse's nutrition is the Plusvital Sport Syrup – my horses love the taste, they lick the bowl after – it helps keep my horses in great physical health, making sure that their bodies are coping with everyday training and the stresses of international travel and competing at the top level.

Francis Derwin Jr, Multiple European Gold medallist and International Young Rider

Plusvital

Bioflavidex

Scientifically formulated powdered supplement comprising of a potent combination of antioxidants and natural Bioflavonoids to support airway health and reduce inflammatory response.



AVAILABLE SIZES & feeding days



1.5 kg /
3.3 lbs

60 DAYS



750 g /
1.7 lbs

30 DAYS

Intense exercise can put excessive strain on a horse's lungs and circulatory system.

Bioflavidex is specifically formulated to support both, using a blend of natural Bioflavonoids, including Hesperidin, alongside antioxidants, Polyphenols, and Vitamin K. This powerful combination provides anti-inflammatory benefits whilst sustaining the elasticity of capillaries and blood vessels.

KEY FEATURES

- ▶ Hesperidin is a Citrus Bioflavonoid which has been found to have powerful antioxidant effects and positive effects on the vascular system – by reducing inflammation, increasing circulation and strengthening capillaries;
- ▶ Vitamin E is included for its powerful antioxidant effects to help promote healthy lung function;
- ▶ Grapeseed extract contains the natural polyphenol Resveratrol, which provides antioxidant and anti-inflammatory effects.



SOURCE OF
BIOFLAVONOIDS



SOURCE OF
VITAMIN E



SOURCE OF
VITAMIN K

DIRECTIONS FOR USE

Give daily in feed.

Horses & ponies > 300kg / 650 lbs:

Loading dose (first 7 days): 25g / 1 oz. (1 scoop) TWICE a day

Maintenance: 25g / 1 oz. (1 scoop) ONCE a day

Horses & ponies < 300kg / 650 lbs:

Loading dose (first 7 days): 12.5g / ½ oz. (½ scoop) TWICE a day

Maintenance: 12.5g / ½ oz. (½ scoop) ONCE a day

Each scoop contains approx. 25g / 1 oz.

For best results begin supplementation 4-6 weeks before increasing exercise intensity and continue to use throughout horse's competitive career.

Bronc-Eze

Scientifically formulated gel paste with essential oils to help clear airways.



AVAILABLE SIZES & feeding days



60ml /
2oz

1 DOSE SUPPLY

Bronc-Eze features a unique blend of essential oils designed to support normal breathing. It is particularly effective at helping to clear mucus and opening up the airways, making it an excellent pre-exercise supplement.

**Contains menthol: racing and competition regulations vary by country, check local rules before use.*

KEY FEATURES

- ▶ Peppermint Oil to help open airways and clear mucus;
- ▶ Menthol to assist reduction of congestion;
- ▶ Rosemary Oil for its expectorant properties, to aid the clearance of mucus and reduce inflammation.



ENHANCED
FLAVOUR



FORMULATED
FOR HORSES



NATURAL
INGREDIENTS

DIRECTIONS FOR USE

Give before exercise, or when required.

Horses & ponies > 300kg / 650 lbs: 60ml / 2 fl.oz.

Horses & ponies < 300kg / 650 lbs: 30ml / 1 fl.oz.



Using Plusvital supplements ensures that my horses are looking and feeling fantastic, with such a huge range of supplements I have absolute confidence that Plusvital will care for each of their individual needs! Our favourite product is Flex Supp. It keeps my dressage horses' joints all in good working order!

Emily-Kate Robinson, Irish International Dressage Rider

Flex Supp

Scientifically formulated powdered supplement containing Glucosamine, Chondroitin, MSM, Hyaluronic Acid, blended with DHA to support joint mobility and function.



2.7 kg /
6 lbs

90 DAYS



900 g /
32 oz

30 DAYS

AVAILABLE SIZES
& feeding days

Optimal joint and bone health are essential for equine athletes. **Flex Supp** combines premium ingredients – including Glucosamine, Chondroitin Sulphate, and Sodium Hyaluronate – enhanced by MSM, Selenium, Vitamin C, and the anti-inflammatory benefits of Omega-3 DHA, to promote joint mobility and support the integrity of soft tissue structures in the limbs.

Formulated with Lithothamnium Calcareum, a calcified seaweed, **Flex Supp** also provides a highly bioavailable source of Calcium and Magnesium for comprehensive joint and bone support.

**Includes Methylsulfonylmethane (MSM), which may require a withdrawal period in certain jurisdictions.*

KEY FEATURES

- ▶ Glucosamine & Chondroitin to support cartilage and lubricate joints;
- ▶ Sodium Hyaluronate (Hyaluronic Acid) to help improve the integrity of cartilage and elasticity of connective tissues;
- ▶ DHA (Omega 3) & Vitamin C to aid a healthy inflammatory response.



CALCIFIED
SEAWEED



OMEGA 3



ANTIOXIDANTS

DIRECTIONS FOR USE

Give daily in feed.

Horses & ponies > 300kg / 650 lbs:

Loading dose (first 7 days): 30g / 1 oz. (2 scoops) TWICE a day

Maintenance: 30g / 1 oz. (2 scoops) ONCE a day

Horses & ponies < 300kg / 650 lbs:

Loading dose (first 7 days): 15g / ½ oz. (1 scoop) TWICE a day

Maintenance: 15g / ½ oz. (1 scoop) ONCE a day

Each scoop contains approximately 15g / ½ oz.

Do not exceed stated dose.

Flexyl HA

Scientifically formulated liquid supplement containing high molecular weight Hyaluronic Acid to support healthy joint function.



NEW
PRODUCT



2.5 L /
0.66 Gal

166 DAYS



1 L /
0.26 Gal

66 DAYS

AVAILABLE SIZES
& feeding days

Intensive training and regular exercise can place significant stress on a horse's joints.

Flexyl HA is formulated with MHB3 Hyaluronan, the most extensively researched form of Hyaluronic Acid (HA), boasting eight U.S. patents. Scientifically proven to be bioavailable, effective and safe, **Flexyl HA** enables rapid HA absorption offering maximum efficacy for joint, soft tissue and cartilage health.

KEY FEATURES

- ▶ MHB3[®] Hyaluronan to aid joint lubrication and enhance healthy function;
- ▶ Olive Leaf extract or Hydroxytyrosol which has powerful antioxidant properties;
- ▶ Has been proven through clinical and pre-clinical research to have positive effects in as little as 21 days.



HIGHLY
BIOAVAILABLE



NO PROHIBITED
SUBSTANCES



NATURAL
INGREDIENTS

DIRECTIONS FOR USE

Shake well before use. Give daily, orally or in feed.

Horses & ponies > 300kg / 650 lbs:

Loading dose (1 day) or competition day: 15ml / ½ fl.oz. TWICE a DAY

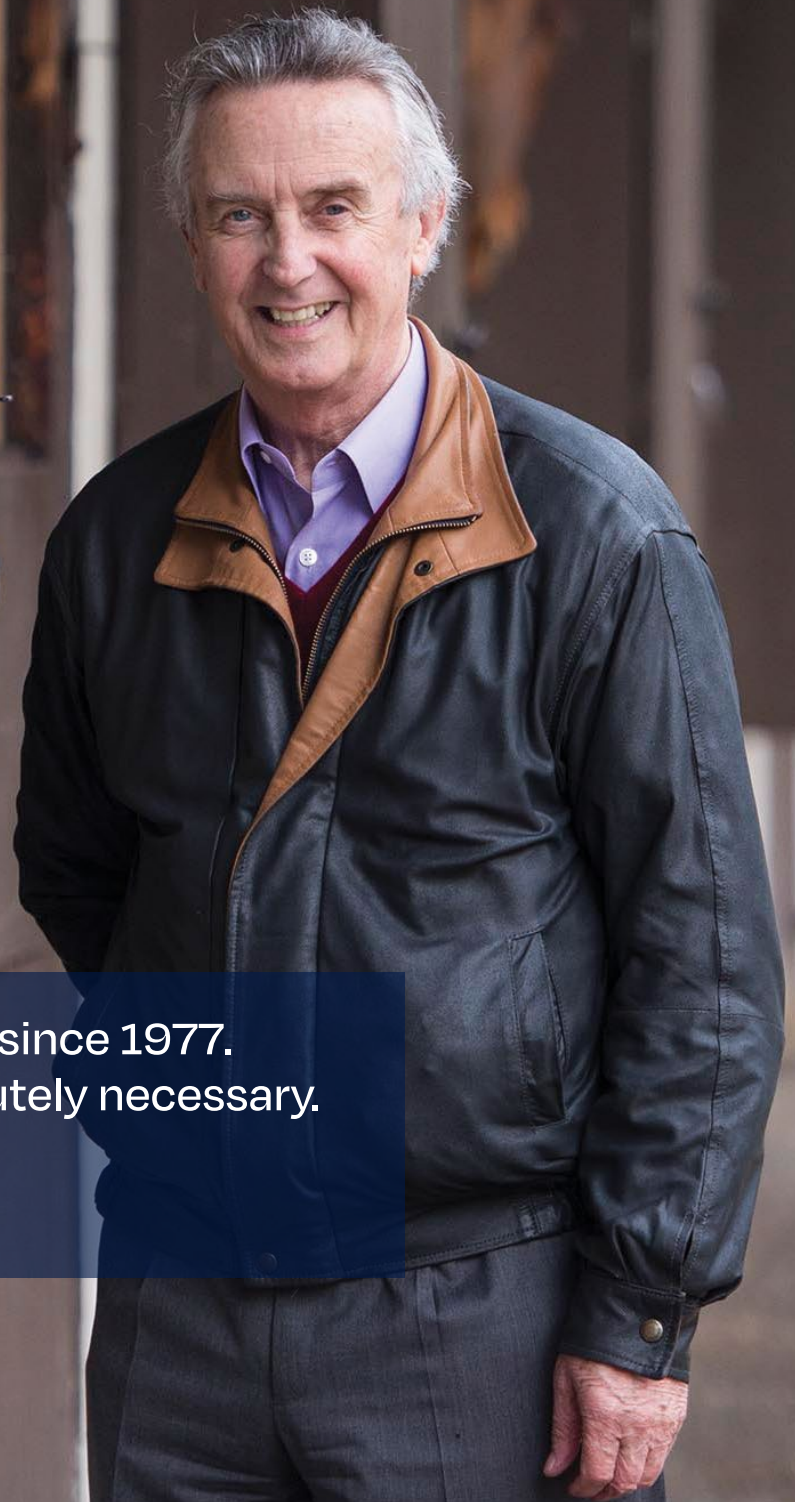
Maintenance: 15ml / ½ fl.oz. ONCE a day

Horses & ponies < 300kg / 650 lbs:

Loading dose (1 day) or competition day: 7.5ml / ¼ fl.oz. TWICE a DAY

Maintenance: 7.5ml / ¼ fl.oz. ONCE a day

A dispensing pump is available (pump dispenses 15ml / ½ fl.oz.)



I've been using Plusvital since 1977.
To me, Plusvital is absolutely necessary.

**Jim Bolger, Multiple Group 1 winning
Trainer and Breeder**

Tryptocool

Scientifically formulated to help excitable horses stay cool and focused.

NEW AND IMPROVED
lower dose
formula for
2024!



AVAILABLE SIZES
& feeding days

750 g /
1.7 lbs

30 DAYS

Every horse is unique and responds differently to stressful situations.

Tryptocool is specifically formulated to ease stress in anxious or excitable horses. It combines a triple source of Magnesium for optimal absorption, plus Tryptophan (the precursor to serotonin - the "happy hormone") and Vitamin B1 (the "stress vitamin") alongside Active Yeast. Tryptocool can help horses manage stress during travel, shows, competitions, and other challenging scenarios.

With a well-known link between behaviour issues and gut health, **Tryptocool** is the only equine calmer on the market to offer 10g of Active Yeast (*Saccharomyces cerevisiae*) per dose to support hindgut health, enhancing both the welfare and performance of your horse.

KEY FEATURES

- ▶ Active Yeast - *Saccharomyces cerevisiae* included at 10g per dose - to support hindgut health;
- ▶ Triple source of Magnesium to aid absorption;
- ▶ Vitamin B1 to help reduce anxiety.



DIRECTIONS FOR USE

Give daily, in feed.

For best results use regularly and give 3-5 hours before a stressful situation.

Horses & ponies > 300kg / 650 lbs: 25g / 1 oz. (1 scoop)

Horses & ponies < 300kg / 650 lbs: 12.5g / ½ oz. (½ scoop)

Each scoop contains approx. 25g / 1 oz.

Chillax

Reduction of stress reactions in excitable horses.



AVAILABLE SIZES
& feeding days

60ml /
2oz

3 DOSE SUPPLY

Some horses are naturally nervous animals and some are affected by specific stressors, such as travelling, competition and sales. All horses are individuals and as such require a supplement flexible enough to adapt to their particular situation.

Chillax is a scientifically formulated blend of chelated Magnesium, Marine and Dairy Peptides designed to restore chemical balance to the central nervous system by minimising cortisol secretion. It helps calm excitable horses in stressful situations, without making them drowsy, therefore maximising equine performance when you need it most.

KEY FEATURES

- ▶ Fish Protein Hydrolysate helps reduce stress and anxiety by lowering corticosteroid levels;
- ▶ Chelated Magnesium & Vitamin B6 help soothe & calm the nervous system;
- ▶ Highly palatable apple flavour.



DIRECTIONS FOR USE

Give orally.

Horses & ponies > 300kg / 650 lbs: 20ml / 2/3 fl.oz. the night before and again 2 hours before stressful activity. Adjust dosage as per horse's specific need, can be increased to 60ml / 2 fl.oz. if necessary.

Horses & ponies < 300kg / 650 lbs: 10ml / 1/3 fl.oz. the night before and again 2 hours before stressful activity. Adjust dosage as per horse's specific need, can be increased to 30ml / 1 fl.oz. if necessary.

Repeat as required.



Overall, I find Plusvital supplements boost everything. Their coats look fantastic, they're in great form, they have a pep in their step. In particular, Plusvital Neutragast has transformed my horses.

Vickie Anderson, Irish Amateur Showjumper

DIGESTIVE CARE

Neutragast Pellets & Powder

Scientifically formulated supplement to support gastrointestinal health and function.



The demands of a modern equine performance diet can challenge the health of a horse's gastrointestinal tract and microbiome, as limited grazing or forage intake and increased consumption of concentrates often negatively impact the stomach (leading to ulcers), the hindgut, or both.

Neutragast is specifically formulated with high levels of Lithothamnium Calcareum to provide long lasting stomach protection against gastric acid, along with Active Yeast and Mannan-oligosaccharides (MOS) to enhance hindgut health. **Neutragast** also includes essential amino acids Glutamine and Threonine, which support nutrient absorption, promote intestinal healing, and encourage mucus production.

With an excellent amino acid profile **Neutragast Pellets** are ideal for promoting muscle development on horses that lack topline, available in powder form.

Available in powder or pelleted form, **Neutragast** is a comprehensive supplement for maintaining intestinal health and enriching the equine microbiome.

KEY FEATURES

- ▶ Lithothamnium calcareum (or Maerl) is a highly effective gastric acid buffer;
- ▶ *Saccharomyces cerevisiae* (or Active Yeast) supports the proliferation of 'good' bacteria in the hindgut;
- ▶ Essential amino acid Threonine aids the production of mucus which lines and protects parts of the gastrointestinal tract, including the glandular part of the stomach.



CALCIFIED
SEAWEED



ACTIVE
YEAST



FORMULATED
WITH MOS

DIRECTIONS FOR USE

Give daily in feed to help maintain gastrointestinal health. For optimal results, split the daily dose into two or more feeds.

Powder:

Horses & ponies > 300kg / 650 lbs: 75g / 3 oz. (3 scoops)

Horses & ponies < 300kg / 650 lbs: 37.5g / 1½ oz. (1½ scoops)

Each scoop contains approx. 25g / 1 oz.

Pellets:

Horses & ponies > 300kg / 650 lbs: 150g / 5 oz. (1 scoop)

Horses & ponies < 300kg / 650 lbs: 75g / 2½ oz. (½ scoop)

Each scoop contains approx. 150g / 5 oz.

AVAILABLE SIZES & feeding days



6 kg /
13.2 lbs



1.5 kg /
3.3 lbs



4.5 kg /
9.9 lbs

Powder: 80 DAYS

20 DAYS

Pellets: 30 DAYS



DIGESTIVE CARE

Sand Remove

Psyllium-based, pelleted supplement designed to support the clearance of sand and help prevent its accumulation in the equine intestine.



If your paddock has sandy soil or your horse spends time in a sand or all-weather arena, sand can be ingested and accumulate in the horse's digestive system. This buildup may lead to diarrhoea, weight loss, and, in severe cases, sand colic or bowel obstruction.

Regular use of **Sand Remove** helps clear existing sand from the digestive tract and prevents further accumulation. The Psyllium husk in **Sand Remove** effectively shifts sand through the intestines, while added active yeast and Mannan-oligosaccharides (MOS) support a healthy microbiome with each treatment, promoting overall digestive health.

KEY FEATURES

- ▶ **Psyllium husk** forms a gel within the digestive tract, encapsulating sand particles and safely transporting them through the intestines;
- ▶ Each dose includes 5g of **Active Yeast**, supporting a balanced gut microbiome with every treatment;
- ▶ **Mannan-oligosaccharides (MOS)** bind to harmful bacteria in the intestines, creating an environment where beneficial bacteria can thrive and multiply.



SAND REMOVAL



PSYLLIUM HUSK



ACTIVE YEAST

DIRECTIONS FOR USE

Give daily in feed, for 7 consecutive days, of each month.

Horses & ponies > 300kg / 650 lbs: 100g / 4 oz. (2 scoops)

Horses & ponies < 300kg / 650 lbs: 50g / 2 oz. (1 scoop)

Each scoop contains approx. 50g / 2 oz.

Consult your equine nutritionist/veterinarian before use.

Do not exceed stated dose.

4 kg / 8.8 lbs

AVAILABLE SIZES
& feeding days

5 MONTHS (5 x 7 days treatments)



Plusvital Electrolyte Plus is a good balanced electrolyte that my horses happily eat. They recover well from races or hard exercise, keeping them in good form all season.

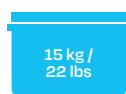
Gavin Cromwell, Cheltenham festival and Royal Ascot winning Irish trainer

Electrolyte Plus

Scientifically formulated combination of concentrated electrolyte salts and antioxidants to aid post-exercise recovery.



AVAILABLE SIZES & feeding days



15 kg /
22 lbs

600 DAYS



4 kg /
8.8 lbs

160 DAYS



2 kg /
4.4 lbs

80 DAYS

Essential electrolytes play a crucial role in muscle contraction, nervous system function, and maintaining fluid balance for proper hydration. When horses lose electrolyte salts through sweating, it can lead to decreased performance and slower recovery.

Electrolyte Plus delivers all of these vital salts in a low-sugar formula, designed with optimal equine electrolyte ratios. Enhanced with powerful antioxidants, Vitamins E and C, it also supports muscle health and promotes faster recovery after exercise for peak performance.

KEY FEATURES

- ▶ Low sugar formulation;
- ▶ Contains Sodium, Chloride, Potassium, Magnesium and Calcium to replace electrolytes lost in sweat;
- ▶ Antioxidants Vitamins C & E to help combat oxidative stress and aid muscle recovery.



ADDED
VITAMIN E



SOURCE OF
VITAMIN C



LOW SUGAR
FORMULA

DIRECTIONS FOR USE

Give daily in feed.

Horses & ponies > 300kg / 650 lbs: 25g / 1 oz. (1 scoop)

Horses & ponies < 300kg / 650 lbs: 12.5g / ½ oz. (½ scoop)

Can also be given in water.

Add 25g / 1 oz. (1 scoop) to 10 L / 2½ Gal. of water.

Ensure fresh water is available at ALL times. If insufficient water intake is observed, veterinary advice should be sought.

Each scoop contains approx. 25g / 1 oz.

Electrolyte Gel

Scientifically formulated combination of electrolyte salts in gel formula.



AVAILABLE SIZES & feeding days



60ml /
2oz

1 DOSE SUPPLY

Replenishing electrolytes is crucial for enhancing recovery times and maintaining overall health.

Electrolyte Gel provides a convenient, easy to administer solution, perfect for use on the go, whether at a show or after racing.

KEY FEATURES

- ▶ Contains Sodium, Chloride, Potassium, Magnesium & Calcium in the correct ratio to replace electrolytes lost in equine sweat;
- ▶ Tasty apple flavour.



APPLE
FLAVOUR



FORMULATED
FOR HORSES



SUITABLE FOR
COMPETITION USE

DIRECTIONS FOR USE

Give orally, once horse has cooled down.

Use for 1-3 days after heavy sweating.

Horse & ponies > 300kg / 650 lbs: 60ml / 2 fl.oz.

Horses & ponies < 300kg / 650 lbs: 30ml / 1 fl.oz.

Water must be available for at least 20 minutes or preferably for 1 hour post administration. If insufficient water intake is observed, veterinary advice should be sought.



I've been really impressed with how Plusvital supplements have kept my horses in great shape throughout the year, so that they can perform consistently at the top level.

Cathal Daniels, Irish European Eventing Championships and World Equestrian Games Eventing Medallist

VITAMINS & MINERALS

E-Dash

Scientifically formulated powdered supplement with a potent blend of Vitamin E, Selenium, Vitamin C and natural antioxidants to help the horse combat oxidative stress.



Oxidative stress naturally occurs during normal metabolic processes, such as converting feed into energy for exercise. However, aging, illness, and stress can elevate oxidative stress, leading to cellular damage, reduced performance, slower recovery, and impaired fertility.

E-Dash is specially formulated for performance horses, providing a potent blend of antioxidants, including high concentrations of Vitamins E and C, natural Polyphenols, and organic Selenium, to support optimal health and resilience.

KEY FEATURES

- ▶ High concentration of Vitamin C;
- ▶ Elevated levels of Vitamin E (3,500 IU equivalent);
- ▶ Combined with Selenium to create a potent antioxidant cocktail.



SOURCE OF
NATURAL VITAMIN E



SOURCE OF
SELENIUM



SOURCE OF
VITAMIN C

DIRECTIONS FOR USE

Give daily in feed.

Horses & ponies > 300kg / 650 lbs: 50g / 2 oz. (2 scoops)

Horses & ponies < 300kg / 650 lbs: 25g / 1 oz. (1 scoop)

Each scoop contains approx. 25g / 1 oz.

Do not exceed stated dose.



3 kg /
6.6 lbs



1.5 kg /
3.3 lbs

AVAILABLE SIZES
& feeding days

60 DAYS

30 DAYS



Vitamin E + Se Syrup

Scientifically formulated liquid supplement combining essential antioxidants Vitamin E and Selenium.



AVAILABLE SIZES
& feeding days

166 DAYS

33 DAYS

Vitamin E and Selenium work together to support healthy muscle function, strengthen cell walls, and boost immune health.

Vitamin E + Se Syrup combines these essential micronutrients, especially important for high-performance horses, to help protect muscle and other cells from oxidative damage. As powerful antioxidants, they neutralise harmful free radicals.

Free radicals are naturally produced during normal metabolic processes, such as converting feed into energy for exercise. However, factors like aging, illness, and stress can increase oxidative stress, causing cellular damage, reducing performance, slowing recovery and impairing fertility.

KEY FEATURES

- ▶ Natural source of Vitamin E;
- ▶ Combined with Selenium to provide a powerful liquid antioxidant supplement;
- ▶ Ideal for picky eaters.



SOURCE OF VITAMIN E



ANTIOXIDANTS



SOURCE OF SELENIUM

DIRECTIONS FOR USE

Shake well before use. Give daily, orally or in feed.

Horse & ponies > 300kg / 650 lbs: 30ml / 1 fl.oz.

Horses & ponies < 300kg / 650 lbs: 15ml / ½ fl.oz.

Do not exceed stated dose.

1L / 0.22 Gal. bottle comes with a built in measure. A dispensing pump is available for the 5L / 1.3 Gal. bottle (pump dispenses 30ml / 1 fl. oz.)

Vitamin C 100

A source of pure Vitamin C for horses under stress or in need of immune system support. Also aids healthy collagen synthesis.



AVAILABLE SIZES
& feeding days

200 DAYS

Horses experiencing stress from training and competition, as well as older or recuperating horses, may have reduced plasma levels of Vitamin C.

Supplementation may be necessary to optimise immune function.

KEY FEATURES

- ▶ Concentrated;
- ▶ 100% pure Vitamin C.



SOURCE OF VITAMIN C



ANTIOXIDANTS



REDUCES FREE RADICALS

DIRECTIONS FOR USE

Give daily in feed for 3-5 days during times of stress or illness.

Horses & Camels: 5g / 1/5 oz. (1 scoop)

Sheep & goats: 1g / 1/25 oz. (1/5 scoop)

Each scoop contains approximately 5g / 1/5 oz.

Consult your equine nutritionist/veterinarian before use.

Do not exceed stated dose.



Omega-3s have an anti-inflammatory effect in the body. They are also very important for the healthy function of cell membranes, the structures that transport nutrients in and toxins out of the body. Carron Oil ensures my horses are getting good supply of these Omega-3s, keeping them healthy from the inside out.

Glenn Cullen, Irish PSG Dressage rider, coach and producer

FEEDING OILS

Carron Oil

A rich source of essential Omega 3 and 6 fatty acids from high quality, cold pressed Linseed Oil fortified with Calcium Hydroxide.



Research shows that horses efficiently digest oil, making it an excellent, concentrated calorie source that promotes weight gain and provides slow-release energy for sustained work. Adding oil to the equine diet also supports immunity, fertility, joint health, skin health, and promotes a glossy coat.

Carron Oil is a premium blend of cold-pressed Linseed Oil and Calcium Hydroxide to support enhanced digestion. It delivers a rich supply of beneficial, anti-inflammatory Omega-3 fatty acids in an optimal ratio to Omega-6, contributing to overall health and vitality.

KEY FEATURES

- ▶ Supports a healthy skin and coat condition;
- ▶ Benefits the digestive and immune systems, with Calcium Hydroxide to improve the efficiency of the digestive process;
- ▶ Contains high quality, cold pressed Linseed Oil, which supplies the largest amount of the Omega-3 fatty acid - Linolenic Acid when compared to other vegetable oils.



OMEGA 3



ENHANCES COAT QUALITY



IMMUNE SUPPORT

DIRECTIONS FOR USE

Shake well before use. Give daily, orally or in feed (daily dose can be split into all feeds throughout the day).

*Horse & ponies > 300kg / 650 lbs: 60ml / 2 fl.oz. (2 pumps)**

*Horses & ponies < 300kg / 650 lbs: 30ml / 1 fl.oz. (1 pump)**

A dispensing pump is available (pump dispenses 30ml / 1fl.oz.).

* Higher levels can be fed. Please consult an equine nutritionist or a veterinary surgeon as supplementation of additional Vitamin E may be required.



20 L / 5.3 Gal



5 L / 1.3 Gal



2 L / 0.53 Gal

AVAILABLE SIZES
& feeding days

333 DAYS

83 DAYS

33 DAYS



I've been using Plusvital supplements for well over a year now and couldn't recommend them highly enough to other event riders.

Fraser Duffy, Irish Event Rider with Fernhill Sport Horses

Acti-Hoof

Scientifically formulated powdered hoof supplement, combining higher levels of Biotin with chelated Zinc and Methionine.



AVAILABLE SIZES
& feeding days

80 DAYS

30 DAYS

Some horses are prone to weak, brittle hooves, while others must perform in conditions that challenge hoof health, such as extremely wet or dry environments.

Acti-Hoof supports hoof health from the inside out, delivering essential nutrients for optimal hoof strength and resilience. It contains the highest Biotin concentration per dose available in any hoof supplement on the market, along with Active Yeast to enhance nutrient absorption, promoting faster hoof growth and improved hoof quality.

* Includes highly bio-available sulphur in the form of Methylsulfonylmethane (MSM), which may require a withdrawal period in certain jurisdictions.

KEY FEATURES

- ▶ 40mg of Biotin per dose for strong & healthy hooves;
- ▶ Essential amino acids Lysine & Methionine for optimal hoof growth;
- ▶ Contains chelated Copper and Zinc which are essential minerals for Keratin formation.



SOURCE OF BIOTIN



SOURCE OF ZINC



SOURCE OF AMINO ACIDS

DIRECTIONS FOR USE

Give daily in feed.

Horses & ponies > 300kg / 650 lbs: 25g / 1 oz. (1 scoop)
Horses & ponies < 300kg / 650 lbs: 12.5g / ½ oz. (½ scoop)

Each scoop contains approx. 25g / 1 oz.

Note: For optimal results a minimum of 12-16 weeks continuous supplementations is recommended.

Hoofcare

A unique blend of oils and resins designed to help maintain hoof structure, flexibility and condition.



AVAILABLE SIZES

A firm favourite among Plusvital customers worldwide. This unique topical preparation is designed for the daily protection of the horse's hooves.

The horse's hoof is a complex structure and it needs to be cared for so that it does not lose excess moisture and become vulnerable. As the hoof wall is approximately 25% water, undue evaporation of moisture from the horn can result in brittleness and lead to cracks and weaknesses.

Hoofcare is very versatile and can be used in both wet and dry conditions.

KEY FEATURES

- ▶ Helps strengthen the hoof wall;
- ▶ Protects the hoof from drying out;
- ▶ Provides a natural sheen to the hoof.



NATURAL INGREDIENTS



MOISTURE BARRIER



EASY TO APPLY

USAGE & WARNINGS

Apply daily with a clean, soft brush over the hoof wall, pay particular attention to the coronary band. May also be applied to the sole.

- ▶ For external use only / do not feed animals
- ▶ Do not apply to abraded or damaged skin
- ▶ Keep away from eyes
- ▶ Wash hands after use



I've been using a number of Plusvital supplements for a while now and have noticed a real difference in the general well-being of my horses.

Elizabeth Hayden, former Irish Junior and Young Rider European Eventing Medalist

Hepatic Balance

Scientifically formulated liquid supplement to help maintain healthy liver and kidney function.



Ty-Relief

Scientifically formulated liquid supplement to help reduce muscle stiffness and support blood pH during periods of intense work.



AVAILABLE SIZES
& feeding days



1 L /
0.22
Gal

25 DAYS

The liver is a vital organ responsible for over 500 essential functions, including waste filtration, nutrient metabolism, blood clotting, immune support, vitamin storage, bile production for fat breakdown, haemoglobin processing, and the metabolism of drugs and toxins. This extensive workload can strain the liver, making periodic detoxification or a liver flush beneficial for horses.

Hepatic Balance is a specialized blend of liver- and kidney-protective compounds, each supported by strong scientific evidence. By supplementing with **Hepatic Balance**, both liver and kidney cells receive targeted support, promoting optimal performance of the body's waste filtration and detoxification systems.

KEY FEATURES

- ▶ Milk Thistle extract & Artichoke extract help support liver health and protect against inflammation;
- ▶ B Vitamins & Methionine aid bile production to assist digestion;
- ▶ Alpha-lipoic Acid, L-Carnitine & Choline Chloride promote efficient use of fat as an energy source to support liver health.



ANTIOXIDANTS



MILK
THISTLE



SOURCE OF
ARTICHOKE EXTRACT

DIRECTIONS FOR USE

Shake well before use. Give daily, orally or in feed, for 25 days.

Horses & ponies > 300kg / 650 lbs: 40ml / 1 ½ fl.oz.

Horses & ponies < 300kg / 650 lbs: 20ml / ¾ fl.oz.

Bottle comes with a built-in measure.

Consult your equine nutritionist/veterinarian before use.

Do not exceed stated dose.

AVAILABLE SIZES
& feeding days



5 L /
1.3 Gal

55 DAYS

The buildup of Lactic Acid in muscles and the bloodstream can lead to muscle stiffness, cramping (known as "tying-up"), and damage to muscle fibres. The severity of this damage ranges from mild stiffness to an inability to move. Additionally, acidosis in the musculoskeletal system intensifies muscle fatigue and reduces stamina.

Ty-Relief is specifically designed to counteract Lactic Acid accumulation in the body. It contains branched-chain amino acids (BCAAs) to support the repair of damaged muscle fibres, along with Vitamin E to eliminate free radicals that can contribute to further tissue damage.

KEY FEATURES

- ▶ Citric Acid & Tri-Sodium Citrate to help prevent metabolic acidosis (reduce acidity in the body);
- ▶ Potent antioxidant Vitamin E supports healthy muscle function and reduces effects of oxidative stress;
- ▶ Branch Chain Amino Acids (BCAAs) Leucine, Valine & Isoleucine to aid muscle repair & energy production.



NEUTRALISES
LACTIC ACID



SOURCE OF
VITAMIN E



BRANCHED CHAIN
AMINO ACIDS

DIRECTIONS FOR USE

Shake well before use. Give daily, orally or in feed.

Horse & ponies > 300kg / 650 lbs: 90ml / 3 fl.oz. (3 pumps)

Horses & ponies < 300kg / 650 lbs: 45ml / 1 ½ fl.oz. (1 ½ pumps)

Ty-Relief should always be used in conjunction with an electrolyte, such as Plusvital Electrolyte Plus. Fresh water should be available at all times.

A dispensing pump is available (pump dispenses 30ml / 1fl.oz.)



I have been really impressed with the results from Plusvital supplements. My horses are looking, and more importantly, feeling fantastic.

Susan Fitzpatrick, Irish International Showjumper



CARE

Shampoo

Highly effective shampoo that thoroughly cleans the coat without removing natural oils.



A low foaming formula requiring a minimal amount of rinsing after use further maintaining the natural lustre of the coat.

KEY FEATURES

- ▶ Low foaming
- ▶ Easy rinse
- ▶ Promotes healthy & resilient skin barrier



ANTI-MICROBIAL



EUCALYPTUS OIL



LOW FOAMING

USAGE & WARNINGS

Mix in 30 ml / 1 fl.oz of Plusvital Shampoo in a bucket of lukewarm water. Wash horse thoroughly. Rinse with plain water.

WARNING

Keep away from eyes and mucous membranes

Do not apply to broken skin

EXTERNAL USE ONLY



83 WASHES



33 WASHES

AVAILABLE SIZES

Wrap

Multi-purpose cohesive bandage wrap suitable for dressing wounds or providing support.



Poultice

Versatile multi-layered poultice for wound dressing. Can be used warm and wet, cool and wet, or dry.



AVAILABLE SIZES

Sold in boxes of 18



Breathable, durable, stretchy and sticky. Plusvital Wrap sticks to itself, not to the skin or hair, so there is no discomfort to the horse.

KEY FEATURES

- ▶ Breathable
- ▶ Easy to apply
- ▶ Lightweight



SELF ADHESIVE



WATER RESISTANT



LIGHT WEIGHT

USAGE & WARNINGS

- ▶ Once positioned, Plusvital Wrap will not loosen or slip.
- ▶ Do not apply too tightly.
- ▶ Do not apply to open wounds.
- ▶ Change regularly, at least daily.
- ▶ Apply the last turn without tension, and press firmly in place.

Warning:

This product contains natural rubber which may cause allergic reactions.

AVAILABLE SIZES

Sold in boxes of 10



Animal dressing that may be used either:
▶ warm and wet ▶ cool and wet ▶ dry

KEY FEATURES

- ▶ Highly absorbent
- ▶ Moisture barrier
- ▶ Easy to apply



EASY TO APPLY



WOUND CARE



LIGHT WEIGHT

USAGE & WARNINGS

Cut dressing to size and apply to affected area with plastic backing away from skin using one of the following methods:

- ▶ **Warm and Wet:** Allow boiled water to cool to 38°C, soak briefly, lightly squeeze and apply dressing.
- ▶ **Cool and Wet:** Chill boiled water, soak briefly, lightly squeeze and apply dressing.
- ▶ **Dry:** Apply dressing directly to affected area.

Dressings should be changed at least every 12 hours. Hold dressing in place using a Plusvital Wrap cohesive 20cm x 40cm bandage (avoid applying too tightly).

Warning:

Consult a veterinary surgeon if Plusvital Poultice is to be used in conjunction with medical preparations.

CARE

Effivet

A topical, anti-bacterial, anti-fungal and anti-viral skin cleansing liquid for flushing wounds and hydrogel solution for wound repair.

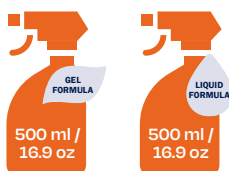


During the process of wound repair, the main aim of wound care is to provide the conditions necessary to allow the natural repair and regenerative process to proceed and not be hindered by things such as bacterial infections.

Effivet is a potent germ killer containing a patented technology that allows it to mimic the body's own immune system. Hypochlorous Acid is a weak acid that is released by cells of the immune system to kill bacteria. It is anti-bacterial, anti-viral and anti-fungal, as well as being very effective at breaking down the cell wall of bacteria and killing the bacteria internally. It is safe to be ingested as it is naturally occurring in the body and is non-irritating.

KEY FEATURES

- ▶ Anti-bacterial, anti-viral and anti-fungal;
- ▶ Kills a wide range of germs including: Staphylococcus aureus, Pseudomonas aeruginosa, Escherichia coli, Influenza, Rhinovirus;
- ▶ Eliminates odour causing bacteria;
- ▶ No rinse required and can be ingested safely;
- ▶ Suitable for a range of uses including: wound flushing and dermal cleansing, wound debridement, skin scrapes, hot spots, relief from scratching (natural anti-histamine), navel cleansing, minor eye irritations, insect bites, minor burns and scalds, reduction of wound odours, moistening/lubrication of dressings and also kills the fungal organism that causes ringworm;
- ▶ Hydrogel form adheres to the site where it is applied which allows for penetration of hypochlorous acid into wounds, lubrication of wounds and acts as a barrier to dirt in the environment;
- ▶ Dermatologically tested as suitable for sensitive skin.



AVAILABLE SIZES

DIRECTIONS FOR USE

Clean area of wound by applying **Effivet Farm Liquid** to prevent infection. Once the area is clean apply **Effivet Farm Hydrogel** liberally and directly onto the affected area allowing to dry naturally. No need to rinse as this will seal the wound.

Ingredients glossary

Plusvital is dedicated to delivering optimum care through balanced nutrition and science. Each product has been carefully and scientifically formulated to bring you the best in equine supplementation. Our team of equine scientists, nutritionists and formulation experts ensures that each product is of the highest quality. Each ingredient in our products is carefully selected in line with current scientific thinking. Outlined below is a glossary of the individual ingredients used in our products, as well as their unique features and benefits.

ALPHA-LIPOIC ACID is a naturally occurring sulphur-containing compound which is involved in energy metabolism in mitochondria. Lipoic Acid has strong antioxidant properties and works with Vitamin C and Glutathione to protect cell membranes. Lipoic Acid has been reported to be beneficial in conditions relating to liver disease.

ARTICHOKE EXTRACT is an extract from the bulb vegetable *Cynara scolymus* containing polyphenolic compounds, fibres, inulin, Vitamin C and minerals. The extract has antioxidant properties and has the ability to prevent damage to the liver. It also promotes the flow of bile from the liver into the intestine and has anti-cholesterol effects.

BOSWELLIA EXTRACT is a herbal extract taken from the *Boswellia Serrata* tree and contains several compounds (Terpenes and Boswellic Acids) which have been shown to have effects which include anti-inflammatory properties, analgesic properties and increased speed in healing from infections.

BRANCHED CHAIN AMINO ACIDS including Leucine, Isoleucine and Valine. They account for 35% of all the essential amino acids in muscle proteins. These promote protein synthesis and turnover and thus aid in muscle recovery. They promote the metabolism of glucose and reduce Lactic Acid build up.

CALCIFIED SEAWEED (from *Lithothamnium calcareum*) is seaweed which has Calcium Carbonate within its cell walls. This seaweed is used to act as a buffer against excess acid in the stomach.

CALCIUM is a macromineral which provides strength to bones and teeth. It is involved in many processes in the horse's body such as muscle contraction, blood clotting and maintaining cell wall structure. Calcium and Magnesium have a synergistic relationship.

CHONDROITIN SULPHATE is the main Glycosaminoglycan (GAG) compound found in articular cartilage. It provides much of cartilage resistance to compression. Additionally, it has anti-inflammatory properties and inhibits enzymes that decompose joint cartilage.

CITRIC ACID is a weak organic acid occurring naturally in citrus fruits and whose derivatives have a buffering capacity and in biological fluids will reduce acidosis if it is occurring as a result of Lactic Acid build up.

CITRUS BIOFLAVONOID COMPLEX is a large class of "polyphenolic" plant derived compounds which have antioxidant and anti-inflammatory properties. They protect the body from free radical damage and oxidative stress. They also enhance the effect of Vitamin C within the body.

COPPER is essential for several enzymes involved in the synthesis and maintenance of elastic connective tissue. It is also vital for bone maturation. Additionally, it is integral in the mobilisation of iron stores, functioning in the process of moving iron to areas of the body where it is needed.

CURCUMIN is a compound obtained from Turmeric. Curcumin functions as a powerful antioxidant, anti-inflammatory and has anti-cancer properties. As a result of these properties, it reduces the damage caused by free radicals.

ESSENTIAL AMINO ACIDS include Lysine, Methionine, Valine, Leucine, Isoleucine and Threonine. They are the building blocks of protein which is essential for the proper growth of tissue, muscles and ligaments which all play a part in correct skeletal development.

FISH PROTEIN HYDROLYSATE is fish protein which has been through a process termed hydrolysis to produce a mixture of amino acids and short peptides of a very specific size that are biologically active and more easily absorbed. These produce a stress-relieving effect on the central nervous system.

GLUCOSAMINE is an amino sugar and a crucial precursor for the synthesis of glycosylated proteins and lipids. For this reason, it supports the structure and function of articular cartilage in joints.

GRAPE SEED EXTRACT contains Vitamin E, Linoleic Acid and a class of Bioflavonoids called Proanthocyanidins. These have antioxidant properties and evidence shows a positive benefit on blood vessel health.

HESPERIDIN is a bioflavonoid compound sourced primarily in citrus fruits (mainly oranges). Hesperidin functions in supporting healthy circulation with an effect of promoting blood flow through the circulatory system. Hesperidin additionally has physiological antioxidant effects.

HYPOCHLOROUS ACID is a weak acid which is released by cells of the immune system to kill bacteria. It is anti-bacterial, anti-viral and anti-fungal. It is very effective at breaking down the cell wall of bacteria and killing bacteria. It is pH neutral and non-toxic to the body.

IODINE is a trace element necessary for the synthesis of thyroid hormones that regulate basal metabolism. General signs of deficiency include lethargy, dull coat/hair loss, lack of appetite, thickened skin, and cold intolerance.

IRON is a trace element contained in haemoglobin and myoglobin. It has an integral role in oxygen transport and cellular respiration. Haemoglobin which transports oxygen from the lungs to the tissues requires iron. 60% of the Iron stored within the equine body is within haemoglobin.

L-CARNITINE is an amino acid compound, synthesised, almost exclusively in the liver, from Lysine and Methionine. Its primary function is to increase the ability of mitochondria to produce energy from fats. L-Carnitine works synergistically with alpha-lipoic acid. L-Carnitine has been reported to have positive effects on liver function, lipid plasma profile and liver cellular health.

LINSEED OIL obtained from the flaxseed plant, *Linum usitatissimum*. It is an edible oil which contains the largest amount of the Omega-3 fatty acid α -Linolenic Acid when compared to other vegetable oils. It has been used for many years in horse diets for its properties as a mild digestive aid.

MAGNESIUM is a trace element essential in energy production (ATP). The interdependence of magnesium and ATP means it has a role in nerve transmission/excitation and normal muscle function. Magnesium aids in maintaining balance of minerals such as Sodium, Potassium and Calcium.

MANGANESE is a trace element essential for carbohydrate and lipid metabolism and for synthesis of Chondroitin Sulphate in cartilage. It is also part of superoxide dismutase, an antioxidant which helps defend against damage caused by free radicals.

METHIONINE is an amino acid which is combined with ATP by liver cells to form a compound called S-Adenosyl-L-Methionine (SAME). Decreased hepatic biosynthesis of SAME occurs in chronic liver disease. Evidence shows that SAME is hepatoprotective and may be used for increasing the acidity of urine, treating liver disorders, and improving wound healing.

METHYLSULFONYLMETHANE (MSM) is an organic, bioavailable form of Sulphur. It is a natural analgesic compound, antioxidant compound, reduces inflammation and enhances the anti-inflammatory action of Cortisol. It also helps to reduce crosslinking in collagen and thus scar formation.

MHB3[®] is a high molecular weight Hyaluronic Acid which is highly bioavailable and efficacious for joint health. It holds 8 x patents in the United States.

MILK THISTLE EXTRACT is a fat-soluble extract from the seeds of the plant *Silybum marianum* and is composed of three Flavonolignans conjointly called Silymarin. Silymarin has antioxidant properties, decreases hepatic inflammation and protects the liver during exposure to various toxins.



NATURAL POLYPHENOLS are a family of molecules with a chemical structure and antioxidant capabilities similar to those of Vitamin E.

OLIVE LEAF EXTRACT comes from the compound Oleuropein, which has powerful antioxidant and anti-inflammatory properties. It also supports heart health and helps protect against viral infections.

OMEGA 3 FATTY ACIDS are algae based long chain fatty acids which are required for the production and distribution of a class of hormones called prostaglandins, which have effects on the inflammatory system within the body. Also function in maintenance of cell membrane stability.

PHOSPHORUS is a macromineral which is a main component of bone. It is also required in the body for synthesis of Phospholipids (cell membranes), DNA and RNA. Additionally, it is involved in energy transfer reactions through the energy molecule ATP.

POTASSIUM is a macromineral which is involved in maintaining the acid-base balance in the horse's body as well as being involved in muscle contraction and proper nerve function.

RIBOSE is a naturally occurring sugar which is one of the building blocks in the body for energy. In the body, energy is transferred around using an "energy molecule" known as Adenine Triphosphate (ATP). Each ATP molecule contains one adenine unit, three Phosphate units and one Ribose (sugar) unit.

SACCHAROMYCES CEREVISIAE is an Active Yeast that can help maintain digestive function. It improves fibre digestion and microbial balance. Saccharomyces cerevisiae is particularly effective at combating changes to the diet such as tackling problems associated with feeding higher starch diets.

SELENIUM is a trace element and it is a component of the enzyme Glutathione Peroxidase, which prevents free radical peroxides from attacking cellular membranes. Complementing Vitamin E, it is an important element in supporting the integrity of cell membranes.

SHORT CHAIN FRUCTO-OLIGOSACCHARIDES (scFOC) are prebiotics composed of plant sugars linked in chains that promote the growth of certain beneficial bacteria within the digestive tract. They are fermented more rapidly and earlier in the digestive tract improving overall digestion of the horse.

SODIUM is a macromineral which is involved in the regulation of fluids within the body. Sodium is an integral part of the thirst mechanism and loss during intense exercise or competition through sweating results in a decreased thirst drive which in turn may then lead to dehydration.

SODIUM HYALURONATE is a GAG compound found in various connective tissues. It is a viscous compound which is a component of synovial fluid in joints. In this location it functions as a lubricant to aid in healthy movement of joints.

THREONINE is an essential amino acid necessary for gastro-intestinal health in horses. It is one of the main two amino acids in the protein mucin that forms the mucosal barrier and protects the gut wall. Additionally, Threonine aids in nutrient absorption. It is also a component of immunoglobulins which aid in healing processes.

TRISODIUM CITRATE is a weak base which can act as a buffer or acidity regulator. It neutralises Lactic Acid produced in the muscles and circulating in the bloodstream and thus can potentially reduce damage to skeletal muscle cells from Lactic Acid.

TRYPTOPHAN is an essential amino acid and a precursor for Serotonin. Serotonin is synthesised in the body from Tryptophan by the enzyme Tryptophan Hydroxylase. Serotonin is a neurotransmitter associated with inhibition of fear or stress.

VITAMIN A is a fat-soluble vitamin, which is essential for bone and muscle growth in young horses. It is also required for maintaining good vision, healthy skin, and reproductive health and can boost the immune system.

VITAMIN B GROUP include Thiamine (B1), Riboflavin (B2), Niacin (B3), Pyridoxine (B6), Folic Acid (B9) and Cyanocobalamin (B12). They have a range of functions including food metabolism/energy production, support of the nervous system and cell reproduction/formation of DNA and growth.

VITAMIN B4 (CHOLINE CHLORIDE) the principal function of this compound is to contribute methyl chemical groups to various cellular processes. Essential for building and maintaining the structure of cells. Also has a role in fat metabolism within the liver promoting utilisation and transport of fats.

VITAMIN B7 (BIOTIN) is a sulphur containing vitamin which is necessary for cell growth and the production of both fatty acids and amino acids. Biotin has functions related to hoof health and structural integrity.

VITAMIN C is a water-soluble antioxidant vitamin that works with Vitamin E to reduce free radicals. As well as supporting the immune function, one of the most important functions of Vitamin C is its involvement in collagen formation. Vitamin C is essential for the formation and maintenance of collagen.

VITAMIN D is a fat-soluble vitamin required to regulate the uptake of Calcium and Phosphorous from the diet. Vitamin D facilitates Calcium absorption from the gut and its re-uptake within the kidney tubules. It also affects movement of Calcium into and out of bones.

VITAMIN E is a fat-soluble antioxidant vitamin and is important for normal function of the muscular, immune and neurologic systems. The Vitamin E family comprises of 8 naturally occurring compounds which can be sub-divided into two groups, Tocopherols and Tocotrienols.

VITAMIN K is a group of similar compounds required by the body for successful synthesis of proteins which are involved in blood coagulation. In the absence of Vitamin K blood clotting is seriously impaired. Vitamin K has also been shown to have beneficial effects in terms of overall vascular health.

ZINC is a micromineral that is involved in the metabolism of carbohydrates and proteins. This mineral is part of many important enzymes within the body which are responsible for blood clotting, insulin production and wound healing. Zinc is also essential for DNA and protein synthesis.



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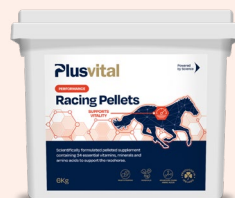
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