Olympic Horse Feeds
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SUPPLEMENT PRODUCT NOTES

SUPPLEMENT PRODUCT RANGE:

- **Gastric Care 'n' Protection**
- **Healthy Joints 'n' Bone**
- **Electrolytes**
- **Balance 'n' Perform**
- **Healthy Hoof 'n' Sole**
- **Olympic Red Cell**
- **Karma**
- **Breathe**
- **Muscle Build 'n' Boost**
- **Allergy Care 'n' Protect**

Notes:

All supplements in the Olympic Horse Feeds range are a complementary supplement for horses.

All products should be stored with the lid sealed, or the mouth of the bag closed raised off the floor and out of direct sunlight in a cool dry store room, free from fluctuating temperatures and rodent, bird and insect infestation.

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Gastric Care 'n' Protection

Purpose (indications for use)

A supplement for horses entering the stress of training and hard work when increasing amounts of cereals and cereal products are given and for horses that have lost appetite and condition in work. For horses under the stress of long term stabling, or frequent travelling, and for all those which are known to be at risk of developing gastric erosion and ulceration, gastro-intestinal colic and inflammatory problems, such as lymphangitis, when receiving large allowances of cereals. The supplement contains a probiotic.

For foals showing loss of appetite and condition, but for which worm parasite control has already been fully addressed.

Benefits and features

Gastric Care 'n' Protection protects the stomach's health in horses receiving feeds to meet the high energy demands of strenuous exercise. It aids fat and carbohydrate digestion in the small and large intestines, helping to regulate the bacterial flora of the large intestine, so stimulating high performance. In summary it aids the health of the whole gastro-intestinal tract leading to improved appetite and performance. It is a necessary supplement for horses given large amounts of concentrated feed. The supplement should be introduced as concentrated feed is introduced and increased in quantity up to the recommended intake rate as the intake of that concentrate is increased.

Directions for use

As the allowance of cereals and other hard feed is gradually increased during training **Gastric Care 'n' Protection** should be introduced, starting with 1 scoop (50g) daily mixed in the morning feed and gradually building up to 3 scoops (150g) daily divided amongst morning afternoon and evening feeds. Horses in training given large amounts of cereals and other hard feeds should receive their daily allowance of feed in at least three to four meals daily. In the case of adult horses known to be at particular risk give up to 4 scoops (200g) of **Gastric Care 'n' Protection** daily. Always spread the daily allowance of the supplement amongst all the daily meals. When a horse reverts to rest or an idle period, or is put out to pasture the **Gastric Care 'n' Protection** may be withdrawn from use.

For foals give 1 scoop (50g) daily of **Gastric Care 'n' Protection** divided between the morning an evening feeds, or mixed into which ever meal of hard feed is the larger daily feed.

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Healthy Joints ‘n’ Bones

Purpose (indications for use)

For horses entering the stress of training and hard work when increasing amounts of cereals and cereal products are given and repeated work on hard surfaces is undertaken. In these situations the stress on joints and leg bones is considerable and this supplement is recommended for use. Also for all horses that are known to be at risk of developing lameness during training or other work. The supplement contains metabolites and trace elements essential for healthy cartilage growth, replacement and maturation and calcium for bone strength.

For foals at risk of showing signs of angular distortion of the legs, or bumps on the joints (physitis) and for those that are growing rapidly.

Benefits and features

Healthy Joints ‘n’ Bones aids bone strength and protects joints by stimulating their repair during the stress of strenuous exercise, so reducing the risk of lameness and promoting high performance. Thus, the supplement helps reduce the effects of bone strain and joint wear in horses that are subjected to hard exercise and it aids normal growth of long bones in foals, reducing the risk of bone growth abnormalities.

Directions for use

To be given daily by adding to the feed where stress is occurring at the rate of 2 scoops (100g) per day, 1 mixed in each of 2 feeds.

A maintenance dose of 1 scoop (50g) daily mixed in the feed will help to maintain joints from wear in working horses, or in healthy foals that are growing rapidly.

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Electrolytes

Purpose (indications for use)

The purpose of this supplement is to restore tissue electrolytes, lost primarily in sweat. Losses of sodium, potassium and chloride cause fatigue and muscle weakness. It is not possible for the body to store more than a small fraction of future needs of these elements. In addition to essential electrolyte elements present in a readily available form the product also includes vitamin C, glucose, glycine and other important nutrients to aid the rapid recovery of fatigued and exhausted animals.

The supplement should also be given to foals suffering from diarrhoea to replace losses of electrolytes in the faeces. This will accelerate the foal's recovery.

Benefits and features

Electrolytes provide the important electrolytes (K, Na, Mg, Ca, Cl, SO_4) lost in sweat during strenuous exercise and hot weather and this supplement also provides a readily available source of energy. Both electrolytes and the energy source reduce fatigue experienced during hard work. The **Electrolytes** contain protected vitamin C (ascorbic acid) that is not destroyed during storage of the product and that has been shown to raise plasma levels during hard work, acting as an anti-oxidant. The amino acid inclusion is an ergogenic aid for horses during intense exercise, so stimulating high performance.

Directions for use

It is essential to give small amounts of **Electrolytes** frequently rather than a single large dose. However, just before and during an endurance race up to 1 scoop (60g) of **Electrolytes** can be given mixed with 100-200ml water and squirted into the back of the horse's mouth. Alternatively it may be added mixed with a little palatable and sweet feed. A further level scoop should be given at each rest point during an endurance event with a total daily allowance of approximately 150-160g. It should not be added to the drinking water. In exhausted horses the electrolytes may need to be administered by squirting to the back of the mouth, or administered by a veterinary surgeon using a naso-gastric tube. Many exhausted horses refuse to drink and the administration of electrolytes will encourage voluntary drinking, so water should always be made available for drinking at the same time, although hot horses should be restricted to about 5 litres given at intervals.

Foals should be given approximately ½ scoop (25g) at each dosing, given either dry mixed in feed or as a solution or mix and squirted from a plastic bottle.

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Balance ‘n’ Perform

Purpose (indications for use)

This supplement makes good amino acid deficiencies, by providing L-lysine, L-threonine and L-leucine, deficient in cereals where a breeder or trainer wishes to feed large quantities of cereals, preferably with some **Olympic Race Mix or Cubes, Mare and Foal Mix or Cubes etc.** The supplement will allow horses in training to build muscle, allow mares to produce adequate milk and allow foals and yearlings to grow normally when they are given a large proportion of cereals only in their daily feed. Cereals and hay on their own are inadequate for normal performance. The supplement also contains calcium for bone strength.

Benefits and features

Balance ‘n’ Perform provides the important dietary essential amino acids, fat-soluble and water-soluble vitamins, minerals and trace elements that otherwise limit the horse’s use of cereal protein and of which cereal grains are deficient. **Balance ‘n’ Perform** is thus an important supplement where large amounts of cereals are given with minimal amounts of **Olympic** compound mixtures or cubes.

Directions for use

The daily allowance of 1 to 1 ½ scoops (50-75g) of supplement should be split between the morning and evening feeds of each adult horse. This is 25-40g at each of two feeds. The supplement should be mixed with the cereal or bran before feeding and should not be given on its own without a source of cereals, or other energy source in the feed.

Weaned foals given cereals should be given ½ a scoop (20-25g) of the supplement at each of 2 feeds. The supplement should be mixed with the cereal before feeding.

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Healthy Hoof ‘n’ Sole

Purpose (indications for use)

Many horses showing signs of weak, misshapen, cracked and crumbly hoof horn respond to this supplement which produces stronger and harder horn with greater tensile strength. The horn grows from the coronary band at the rate of 8-10 mm/month and so a year of supplementation may be required to completely correct the abnormality, even though the supplement will accelerate the previous growth rate of the horn. Once the horn is healthy the dose rate may be decreased to a maintenance level in horses prone to develop the condition.

Benefits and features

Healthy Hoof ‘n’ Sole stimulates the growth of the hoof horn from the coronary band by providing all the nutrients known to be limiting for that function. These nutrients include biotin at a level sufficient for maximum growth plus zinc, biologically available sulphur, in the form of DL-methionine and methyl sulphonyl methane together with an active calcium-containing base material. Horses with crumbly hooves will normally respond with the production of healthy horn and strong soles when given this supplement. It will also aid the strength of hooves in horses that are not shod.

Directions for use

Horses showing signs of crumbly hoof horn should be given 2 scoops (100g) of **Healthy Hoof ‘n’ Sole** daily. This should be divided into 1 scoop (50g) mixed in the morning feed (50 g) and 1 scoop (50g) mixed in the evening feed. This supplementation should continue until healthy horn growth reaches the toe. This may require 9-12 months.

In horses whose hoof horn has been corrected and which are prone to develop the condition should be given a maintenance allowance of ½ a scoop daily mixed into either the morning or evening feeds, or divided between the 2 meals.

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Olympic Red Cell

Purpose (indications for use)

Olympic Red Cell has the purpose of providing those nutrients, including trace minerals, vitamins and other nutrients, essential for the synthesis of blood cells of horses, where these may be needed in higher concentrations than are present. It is also a valuable supplement for foals and older horses that are in poor condition, or are recovering from illness, and need a boost to their health. The amount given can be varied depending on the weight and condition of the horse or foal.

Benefits and features

Olympic Red Cell provides, in a concentrated and safe and palatable form the wide range of nutrients, water-soluble vitamins, trace elements and amino acids, which can be limited in traditional diets, for the synthesis of erythrocytes (red cells) and white cells (leucocytes) in the promotion of healthy normal blood. The product is readily mixed with the daily ration of hard feed.

Directions for use

Horses showing signs of an inadequate nutritional status should be given 50g per day (foals 25g per day), i.e. 1 scoop per day (½ a scoop for foals) mixed with their feed. These quantities for preference should be split between 2 meals each day. Continue daily dosing for 2-3 weeks.

Under adverse conditions half the above quantities may be used continuously as maintenance doses, i.e. ½ a scoop (¼ of a scoop for foals).

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Karma

Purpose (indications for use)

Karma by physiological means has the purpose of reducing the risk of flightiness and irritability of nervous horses before and during an event. It will not exclude the possibility of unforeseen uncontrollability in nervous horses, but it should reduce the risk when given according to instructions. It should also be recognised that a correct meal feeding system must be part of a planned regime before an event to promote optimum discipline in the horse. Each horse has its own character and this should be recognised and understood.

Features and benefits

Horses and ponies differ in the way they individually respond to the anticipation of work or to some other activities. **Karma**, when given according to the directions, can contribute to a reduction of the risk of unexpected nervous reactions in the average excitable horse or pony. There are several natural ingredients present, each of which contributes to this calming effect in a different, effective and safe way.

Directions for use

Give horse weighing 400kg to 600kg, 2 scoops (100g) of TD-0.0002 Tc-0.5 0 TD-0.0006 Tc0 Tw(K

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Breathe

Purpose (indications for use)

Breathe is formulated for horses that are stabled for long periods. The roughage used in the stable should be haylage, soaked hay, or good quality dust-free hay. Bedding should be a suitable type of dust-free wood shavings or paper. Ensure that all stables are well ventilated, preferably designed so that a horse has access to air outside the stable and that the atmosphere is independent of that for neighbouring horses, especially that of any horse presenting signs of respiratory infection.

Benefits and features

Horses and ponies confined to stables, or travelling, can benefit from a supplement that helps the retention of good healthy breathing. **Breathe** should assist in achieving this objective. Nevertheless, it is very important to ensure that good husbandry prevails for stabling conditions so that clean air is available at all times. This includes the period of mucking out and of changing bedding.

Directions for use

Give horse weighing 300kg to 700kg, 2 scoops (100g) of **Breath** in the feed, preferably a coarse mix each evening, or approximately 4-6 hours before the event.

For ponies weighing 200kg to 300kg give 1 scoop (50g).

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Muscle Build 'n' Boost

Purpose (indications for use)

Muscle Build 'n' Boost is for both growing and adult horses. For young horses that are required to increase their growth rate, muscle volume and nutritional health and for horses in training where an increase in muscle size and strength is needed. This product contains a range of vitamins, trace elements and amino acids that aid healthy growth in horses and ponies that are given feed composed mainly of cereals and forage.

Benefits and features

Muscle Build 'n' Boost provides the important dietary essential amino acids, water-soluble vitamins and trace elements beneficial for muscle growth of horses in training and for growing horses when added to a diet containing a proportion of cereals with Olympic compound mixtures or cubes and roughage.

Directions for use

Give horse weighing 300kg to 700kg, 1 scoop (50g) of **Muscle Build 'n' Boost** in the feed daily.

For ponies weighing 200kg to 300kg give ½ a scoop (25g). It is always preferable to give the daily allowance split between 2 daily feeds where this is possible.

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Allergy Care 'n' Protect

Purpose (indications for use)

Horses and ponies subject to feed allergies frequently present with inflamed raised lumps, or bumps, on the shoulders, muzzle or quarters. Occasionally the reaction occurs in the lungs (not to be confused with aerial dust allergy) and the horse is generally in poorer condition than it should be. These horses are often responding to allergens, normally proteins, or protein breakdown product, found in concentrate proteins (soya etc) and in graminaceous cereals. In order to avoid this condition **Allergy Care 'n' Protect** should be given with cooked rice, as rice is rarely a source of allergens. Where this is inconvenient give the supplement with **one** cereal such as flaked barley **or** rolled oats and roughage. For preference the cereal should be micronized, or otherwise cooked. This should reduce the risk of an allergic reaction to it. The one cereal plus supplement and roughage regime should be continued for at least one month to determine whether the specific allergen has been excluded. Occasionally roughage is a cause of an allergic reaction and advice as to an alternative should be sought from Olympic Horse Feeds. Where the problem continues contact Olympic Horses Feeds advisors or your veterinary surgeon for advice.

Whilst ***Allergy Care 'n' Protect,*** given to a horse or pony according to the guidelines, will exclude most causes of dietary allergic responses there are still occasional causes that will not be avoided by this means. In these cases it is necessary for the owner's veterinary surgeon to undertake a laboratory investigation to determine the precise cause, or causes, and then for the owner to seek the advice of Olympic Horse feeds to determine the best management procedure for the animal.

Benefits and features

Allergy Care 'n' Protect provides the important dietary essential amino acids, fat-soluble and water-soluble vitamins, minerals and trace elements necessary for normal function of horses and ponies given a simple diet in which the objective is to exclude the allergen. The amino acid mixture will not initiate any allergic reaction, but it provides the important limiting amino acids and trace nutrients specifically for horses given a single cereal with roughage.

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Allergy Care 'n' Protect (cont ..)

Feeding Instructions

Give adult horses ½ to ¾ scoop (25-35g) of **Allergy Care 'n' Protect** with each of the 2 daily meals.

Give small ponies weighing 150kg to 250kg 1 scoop (50kg)daily of **Allergy Care 'n' Protect**. It is always preferable to give the daily allowance split between 2 daily feeds, where this is possible, for efficient use by the animal of the amino acids contained in the supplement.

Give yearlings 1 scoop (50g) of **Allergy Care 'n' Protect** with the morning cooked cereal feed and 1 scoop (50g) with the evening feed. Ideally the supplement should not be given without a feed energy source.

The cereal should be cooked in the same way that linseed used to be boiled, or micronized cereal should be given. In the absence of this contact Olympic Horse Feeds for advice. A single roughage source should be given. Where long roughage is a cause this may occasionally be replaced entirely by **Olympic Hi Fibre Cubes** although where possible some long roughage is desirable.

In many cases the horse may revert to a normal diet after at least 6 months of the above regime. In severe cases it may be necessary to follow the scheme permanently.

The supplement contains adequate nutrients for normal growth and muscle development in horses and ponies given cooked rice, or a single cooked graminaceous cereal, and good quality forage in addition to the supplement. Frequently, horses previously presenting with allergic responses may be returned to a normal diet after a period of approximately 6 months.