

 **NutriScience**
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**PUTTING SCIENCE
INTO SUPPLEMENTS**

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ARTHRI AID

ArthriAid is a Glucosamine, Chondroitin and MSM and HA supplement aids the lubrication and helps to promote regeneration of the important shock absorbing tissues of your horses joints.

- Glucosamine is an amino acid that assists in the body's manufacture of cartilage;
- Chondroitin assists in lubrication and shock absorption of the joints.
- MSM is a naturally occurring sulphur compound which helps soothe knocks and improve joint mobility.
- Hyaluronic Acid (HA) is the principle constituent of Synovial Fluid, nature's 'oil for joints'.

In the normal day to day life of a horse the joint cartilage is continually being broken down and replacement cartilage is being manufactured. However, this balance can be upset due to increased training, trauma, competition or simply old age.

ARTHRIAID LIQUID ACTIVE INGREDIENTS PER 50 ML

Glucosamine HCl 10,000mg, Chondroitin Sulphate 2000mg, Methyl Sulfonyl Methane (MSM) 2000mg, Vitamin C 700 mg, Manganese Sulphate Monohydrate 100mg, Sodium Hyaluronate 12.5 mg

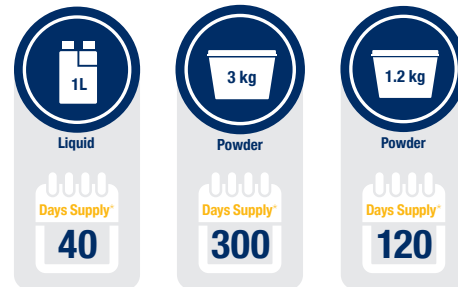
FEEDING RECOMMENDATIONS (500KG HORSE)

Initial Administration: Give 50ml daily for 14-21 days. Then adjust the intake to the horses specific needs.

Maintenance: After 21 days volume can be reduced to horses specific needs, usually half initial intake.

DAYS SUPPLY*

1ltr bottle: Fed at maintenance, 25mls will last approximately 40 days. 20 days at 50mls



- Caramel Flavour
- Apple Flavour

ARTHRIAID POWDER ACTIVE INGREDIENTS PER 20G

Glucosamine HCl 10,000mg, Methyl Sulfonyl Methane (MSM) 2000mg, Vitamin C 700mg, Manganese Sulphate Monohydrate 100mg, Chondroitin Sulphate 90mg, Sodium Hyaluronate 4.5mg

FEEDING RECOMMENDATIONS (500KG HORSE)

Initial Administration: Give 2 level scoops (20gm) daily for the first 10-15 days

Maintenance: After 15 days give one level scoop (10gm).

DAYS SUPPLY* (MAINTENANCE)

1.2kg will last 120 days. 3kg will last 300 days

For consistently increased mobility long-term application is recommended, particularly for older horses

GUT GOLD

Gut Gold is a nutritional supplement which contains pre and probiotics.

Gut Gold is a live yeast *Saccharomyces Cerevisiae* formulation which includes a balanced combination of Mannanligosaccharide (MOS) and Beta-glucans to help achieve gut health.

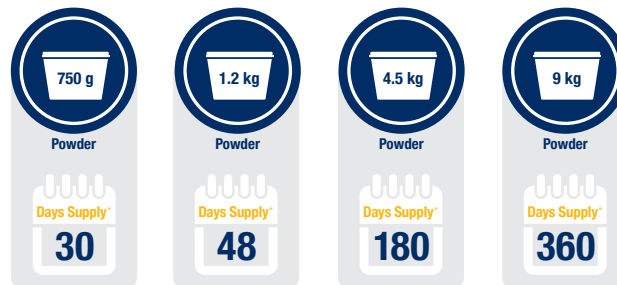
Saccharomyces Cerevisiae can help increase nutrient digestibility by helping to enhance the activity of fibre digesting bacteria in the hindgut, which can result in increased fibre digestion and more efficient use of the vitamins and minerals from the diet.

MOS are natural polysaccharides that block pathogenic bacteria in the gut from multiplying, **Beta-glucans** are also natural polysaccharides, which modulate the immune response.

Horse's physiological (including immune) and psychological health depend on a healthy gut microbiome. Gut Gold should be fed to any horse or pony who experiences a compromise to their gut microflora to help support a healthy Gastrointestinal (GI) tract and aid digestion. It is ideal for older horses, poor doers and horses and ponies that tend to lose condition at any time of year.

RECOMMENDED FOR:

- Horses & ponies in training/Competing/Traveling
- Horses & ponies with symptoms of stress
- Veterans
- Poor doers
- After worming or antibiotics
- Horses fed a high energy/starch diet
- Loose droppings
- Dietary Changes
- Foals at weaning/ sales prep



FEEDING RECOMMENDATIONS (500KG HORSE)

Give 25g daily (1 level scoop Evening Feed)

GUT GOLD INGREDIENTS

Yeast (*Saccharomyces cerevisiae* CNCM I-1077) 8×10^{11} CFU/g, Wheat Middlings, Mannanligosaccharide 2%

GASTRO CARE

Gastro Care is a scientifically-formulated food supplement designed to have a multi-faceted approach to gastro-intestinal health.

Gastro Care contains Antacids that help mimic the effects of saliva and protect the stomach lining from acid. Soluble fibres can absorb, and buffer excess acid and L-Glutamic acid can help to aid the regeneration of the stomach lining. Can also help with Crib Biters and Wind Suckers.

Sodium and calcium carbonates act as antacids by helping neutralise excess gastric acidity to allowing gastric mucosa to repair.

Apple fibre and pectin complex. Apple fibres and pectin supply soluble and insoluble fibres and help to stabilise the protective layer of mucus on the stomach lining as well as binding (neutralising) bile acids.

L-glutamic acid contributes to the health of the digestive system

GASTRO CARE ACTIVE INGREDIENTS PER KG

Carbonates 313g (sodium carbonate 280g, calcium carbonate 33g), L-Glutamic acid 218g, apple fibre pectin complex 200g (apple fibre 167g, pectin 33g), Dicalcium Phosphate 75g

FEEDING RECOMMENDATIONS

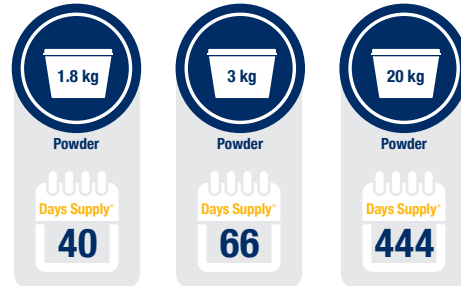
Initial Administration Foals: 15gms

(1/2 scoop) per feed 3 times daily

Adult Horse: 30gms (1 scoop) per feed 3 times daily

Maintenance: After 30 days, intake can be decreased to 15g per feed 3 times daily.

For best results feed Gastro Care in 3 feeds daily



DAYS SUPPLY* (MAINTENANCE)

1.8kg	-	40 days
3kg	-	66 days
20kg	-	444 days

ANXIKALM

AnxiKalm Compete is a nutritional powdered supplement to help calm excitable horses in stressful conditions.

Safe to use in competition horses and ponies, the key ingredients of AnxiKalm Compete are L-Tryptophan, B Vitamins and Magnesium.

L-Tryptophan, this is an amino acid that is converted to serotonin in the body, and when combined with B Vitamins it is known to decrease anxiety and reduce the feelings that create stress.

Magnesium is a key component for ensuring the integrity of nerve endings and the health of the mucus membranes that are key to an individual horse's level of sensitivity. Levels of magnesium can be depleted by stress and anxiety and so need to be replenished.

Tryptophan does not sedate (which can be a good thing). It does not affect performance. AnxiKalm is most effective on anxious/stressed horse or ponies to reduce a "fight or flight response" than "fresh" horses. Some horses react more to Magnesium supplementation, others to Tryptophan. AnxiKalm Complete contains both.

ANXIKALM POWDER

Ingredients Per kg

Magnesium Oxide	333,000mg
L-tryptophan	49,000mg
Vitamin C	6600mg
Vitamin B1	4400mg
Niacin	3300mg
Vitamin B6	1700mg
Vitamin B2	1200mg
Folic Acid	329mg

FEEDING RECOMMENDATIONS

(500kg horse)

Feed one scoop daily.
Give 3-4 hours before stressful activities.

DAYS SUPPLY*

1.2kg - 40 days
3kg - 100 days



ANXIKALM TRIPLE STRENGTH GEL 30ML

The most powerful and concentrated L-Tryptophan syringe on the market. The unique gel formulation ensures a fast rate of absorption, so the active ingredients get to work rapidly. Can be used in stressful situations such as competition and transportation.

30ML SYRINGE SUPPLIES

L-Tryptophan (Amino Acid) 3810mg
B-Complex Vitamins: Thiamine 73mg,
Niacin 25mg, Pyridoxine 2.5mg

FEEDING RECOMMENDATIONS

Give 30ml (1 Syringe) 2 – 3 hours before stressful activity. Amount given can be tailored to specific needs





BIO COPPER CHELATE

An adequate intake of the trace mineral copper is essential for cartilage formation and maturation in young growing horses. Studies indicate that a relative deficiency or imbalance of copper can result in abnormal cartilage formation and resilience, leading to joint surface deterioration in growing horses.

BioCopper Chelate Gel can help improve the absorption for the copper across the gut wall into the horses' body.

Active Ingredients (per10ml)
Chelated Copper 400mg
(10% elemental copper)



IRON BOOST PLUS

Iron Boost Plus is a multivitamin feed supplement designed to supply the daily requirements of vitamins and minerals for horse to ensure maximum vitality, performance, health and energy.

Iron Boost Plus helps complement the requirement of vitamins, minerals, trace elements, amino acids for growing youngsters. IronBoost Plus helps to provides a complement of B vitamins and iron needed to help support red blood cells synthesis. IronBoost Plus supplies anti-oxidants A,D,E plus selenium to combat stresses.

Recommended for horses and ponies exhibiting unsatisfactory development, reduced appetite, low stamina and poor condition



NUTRIBALM

NutriBalm Cooling Gel has been developed to facilitate the delivery of the active components of MSM, Arnica and Calendula to the point of action, unlike clays, which only work due to physical compress action. **MSM** has natural 'cooling' properties & can be utilised in the formation of disulfide bonds in the skin, connective tissue (ligaments, mucosal membranes, etc).

Arnica is as a counter-irritant, which means that it produces a stimulating sensation that boosts circulation in the area where the arnica is applied. One of Arnica's primary components, helenalin, also has a strong anti-edemic (anti-swelling) effect.

Calendula has been used for centuries to soothe tired irritable legs.

Recommended for hot legs post work, sore shins, muscle strains and sprains, stiff and sore joints, insect bites.
Available in 400g bottle 2kg tub



Whether your horse requires added vitality for a winning performance, suffers from a specific complaint, or you require a maintenance product to help maintain their health, the NutriScience range has something for you.

COMPETITION SAFE



MANUFACTURED IN IRELAND



ISO 9001:2015 CERTIFIED



BETA NOPS Accredited



Irish Office + 353 (0)51 304 010

info@swedencareireland.com

European Sales Manager +353 (0)85 862 1513

padge.whelan@swedencareireland.com

 SWEDENCARE

