For NAturally Healthy Horses
WHAT IS IMMUN-OCEAN?

ASCOPHYLLUM NODOSUM

Freshly cut Ascophyllum nodosum is hand-harvested in accordance with traditional and sustainable methods that have been used for centuries along the Atlantic coastline of Ireland.

Our unique macro algae processing technique has been designed to ensure Immun-Ocean retains all the valuable nutrients found naturally in fresh Ascophyllum nodosum.

This includes a wide range of naturally balanced chelated minerals, vitamins, amino acids, antioxidants, sugars and dietary fibres.

The result is a high quality 100% natural feed material that supports the healthy growth and development of the horse.
WHAT IS IMMUN-OCEAN?

LITHOTHAMNIIUM CORALLIOIDES

Lithothamnium Corallioides is a unique, natural, organic red marine algae, harvested from the ocean floor off the west coast of Ireland.

The algae absorbs minerals from the sea in similar ratios to the body making many of these minerals bioavailable and readily absorbed.

The red algae grows in the sea and as the leaves get larger, they eventually break off and fall to the seabed. Here they are harvested for use in the Immun-Ocean blends, leaving the growing algae in situ to continue their life cycle.

Immun-Ocean is therefore a natural, environmentally friendly product.
WHAT IS IMMUN-OCEAN?

70 DIFFERENT MINERALS

Immun-Ocean contains over 70 different minerals many of which are known to be anti-inflammatory and support bone growth.

These unique macro algae blends are particularly rich in calcium and magnesium and also contains boron, silicon, zinc and manganese.

Research has shown there are many nutritional benefits, to feeding this unique supplement to horses, including increased bone turnover, reduced inflammation, reduced excitable behaviour and gastric buffering properties.
INCREASED BONE TURN-OVER

Dr Brian Nielsen Department of Animal Science, Michigan State University, has reported (American Society of Animal Science 2008) that the use of macro algae in the diet of Arabian Yearlings had a significant effect on increasing bone turnover.

Bone is constantly being broken down and replaced, a necessary process to maintain a healthy skeleton as this increases the opportunity to repair damaged bone before a problem becomes clinical.

At similar levels of total dietary calcium, feeding macro algae increased bone mineralisation and bone turnover after 112 days compared with a limestone control.

Researchers proposed that the complex of bioavailable trace minerals present in Immun-Ocean, which includes silicon, magnesium and boron may have a long term positive affect. Results show that competing athletic horses could benefit significantly from supplementation with Immun-Ocean.

Fig1: Cross Section of Equine Cannon Bone. Ss - Trabecular Bone. Sc - Cortical Bone. Cm - Cavity containing Bone Marrow. Taken from the Anatomy of Domestic Animals; Sisson and Grossman.
Inflammation is a tremendous problem in working horses and results from damage to tissue resulting in pain and lameness in the short or long term.

In human nutrition macro algae components have been shown to relieve the pain of osteoarthritis and thus increase mobility and walking distance compared to Glucosamine.

This study published in the Nutrition Journal 2009, also showed that it is possible to reduce usage of NSAID (non steroidal anti-inflammatory drugs) when taking the human form of macro algae supplement.

This is very interesting research which supports the feeding of Immun-Ocean supplements to athletic horses.

A recent trial undertaken at University College Cork, using components of macro algae supplements, looked at its effect on cytokines (a family of molecules that help to regulate immune response and inflammation). The macro algae components were shown to have significant anti-inflammatory effects.
PROVEN GASTRIC BUFFERING PROPERTIES

Immun-Ocean Gastro has a known acid buffering capacity due to its high calcium levels and also the unique sponge like structure of the red algae element, which gives it a large surface area to help mop up acid in the horses stomach. Investigation of the buffering action of the red algae was undertaken at the Royal Agricultural College, Cirencester UK.

This research looked at the potential for macro algae to buffer acid production by measuring lactic acid production and pH levels in-vitro.

The results showed that the buffering capacity of the macro algae kept pH levels constant in all diets despite the rise in lactate production and prevented a drop in pH.

This has significant nutritional benefits for helping to maintain gastric mucosal integrity in horses; particularly those fed high levels of concentrates.

The nutritional benefits of feeding Immun-Ocean products are multifactorial.

The peer reviewed and published research supports many of the claims for the unique and natural macro algae supplement making it ideal for feeding to working and competing horses.

Important USP: Some seaweed-derived supplements contain extremely high levels of iodine that may cause toxicity. Immun-Ocean contains less than 11ppm Iodine and so iodine toxicity should not be an issue when feeding this supplement as recommended.
EQUINE GASTRIC ULCER SYNDROME

ULCER SEVERITY SCORING FOR GRADES 0, 1, 2, 3 & 4

**Grade 0**
Stomach lining is intact, and there is no appearance of reddening.

**Grade 1**
Stomach lining is intact but there are areas of reddening.

**Grade 2**
Stomach has small single or multiple ulcers.

**Grade 3**
Stomach has large single or multiple ulcers.

**Grade 4**
Stomach has extensive ulcers; often merge to give areas of deep ulceration.
IMMUN-OCEAN PURE

PRODUCT FRONT LABEL

IMMUN-OCEAN
MACRO ALGAE
IRISH SUPPLEMENT

THE RESULTS

- Overall conditioning
- Immune support
- Healthy digestion and intestinal functions
- Coat conditioning
- Hoof and bone strength

FEEDING GUIDE

1 scoop = 25g.

Adult horses = 15g twice per day.
Foals - 10g twice per day.
Concentrated supplement not to be fed ad lib.
Introduce gradually over 7-10 days.

120 DAYS
4KG

Garlic
Seaweed

For IMMUNE SUPPORT
OVERALL CONDITION
GASTRIC SUPPORT

Store in a cool, dry place. Mix well before use.
Immun-Ocean Pure is made from freshly cut Ascophyllum nodosum. The macro alga is hand harvested in accordance with traditional and sustainable methods that have been used for centuries along the Atlantic coastline of Ireland.

Our unique macro algae processing technique has been designed to ensure Immun-Ocean Pure retains all the valuable nutrients found naturally in fresh Ascophyllum nodosum. This includes a wide range of naturally balanced chelated minerals, vitamins, amino acids, antioxidants, sugars and dietary fibres. The result is a high quality 100% natural feed material that supports the health and performance of the horse.

**INGREDIENTS**

Chopped cold processed Ascophyllum nodosum, Copper 1.3 mg/kg, Iodine 421.0 mg/kg, Lead 0.5 mg/kg, Magnesium 0.8 %, Molybdenum 1.1 mg/kg, Nitrogen 1.1 %, Phosphorous 503.0 mg/kg, Potassium 2.4 %, Selenium <0.2 mg/kg, Zinc 29.0 mg/kg, General Analyses, Dry Matter Content 90.0%, Total Protein 6.0%, Total Fat 3.0%, Total Carbohydrate 63.0%, Ash Content 17.5%, Phenols/Polyphenols.

Immun-Ocean Pure does not contain any ingredient known to contravene the Jockey Club, FEI or BSJA rules. Immun-Ocean Pure is free of contaminants such as caffeine, theobromine, hyoscine, hordenine, morphine and atropine.

Note: the values listed above are typical. Components of Immun-Ocean Pure are natural products of marine origin and as such, are subject to seasonal variation.

Manufacturers Registration No: IEC 102244

**THE SCIENCE**

Immun-Ocean contains over 70 different minerals. These unique macroalgae blends are particularly rich in calcium and magnesium and also contain boron, silicon, zinc and manganese.

**THE RESULTS**

Research has shown there are many nutritional benefits to feeding this unique supplement to horses, including immune support, healthy joint function, reduced excitable behaviour and gastric and hindgut support.

**ABOUT IMMUN-OCEAN**

Immun-Ocean products are performance supplements for the modern horse. They are 100% natural and are Irish sourced and produced. From breeding stock to performance horses, Immun-Ocean delivers results. Training horses for any sport is a complex jigsaw requiring many skills, however all disciplines have one thing in common - having a healthy horse maximises performance.

KSB EQUINE
Order online at. www.ksbequine.com
Email. info@ksbequine.com
Telephone. 01327 860892

**HOW PURE WORKS**

Immun-Ocean Pure is made from freshly cut Ascophyllum nodosum. The macro alga is hand harvested in accordance with traditional and sustainable methods that have been used for centuries along the Atlantic coastline of Ireland.

Our unique macro algae processing technique has been designed to ensure Immun-Ocean Pure retains all the valuable nutrients found naturally in fresh Ascophyllum nodosum. This includes a wide range of naturally balanced chelated minerals, vitamins, amino acids, antioxidants, sugars and dietary fibres. The result is a high quality 100% natural feed material that supports the health and performance of the horse.
IMMUN-OCEAN PLUS

PRODUCT FRONT LABEL

THE RESULTS

- Improved overall conditioning
- Healthy immune system
- Promotes healthy joints
- Helps recovery times
- Gastric and hindgut support

100 DAYS 5KG

FEEDING GUIDE

1 scoop = 25g.
Adult horses = 2 scoops per day within regular feed.
Concentrated supplement not to be fed ad lib.
Introduce gradually over 7-10 days.

Store in a cool, dry place. Mix well before use.
Immun-Ocean Plus is made from freshly cut Ascophyllum nodosum. The macro algae is hand harvested in accordance with traditional and sustainable methods that have been used for centuries along the Atlantic coastline of Ireland. Our unique macro algae processing technique has been designed to ensure Immun-Ocean Plus retains all the valuable nutrients found naturally in fresh Ascophyllum nodosum. This includes a wide range of naturally balanced chelated minerals, vitamins, amino acids, antioxidants, sugars and dietary fibres. Immun-Ocean Plus is a unique blend that supports overall wellbeing and immune health in your high performance horse.

**INGREDIENTS**

Lithothamnium, magnesium oxide, yeast, linseed meal, flax oil, ascophyllum nodosum low temperature dried granules, calcareous marine seaweed Lithothamnium spp and other minerals. Cadmium 0.38 mg/kg, Copper 160 mg/kg, Fluoride 370 mg/kg, Iodine 150 mg/kg, Lead 0.38 mg/kg, Magnesium 48000 mg/kg, Molybdenum <3 mg/kg, Nitrogen 0.95%, Phosphorous 680 mg/kg, Potassium 5600 mg/kg, Selenium <3 mg/kg, Zinc 370 mg/kg.

Immun-Ocean Plus does not contain any ingredient known to contravene the Jockey Club, FEI or BSJA rules. Immun-Ocean Plus is free of contaminants such as caffeine, theobromine, hyoscine, hordenine, morphine and atropine. Note: the values listed above are typical. Components of Immun-Ocean Plus are natural products of marine origin and as such, are subject to seasonal variation.

Immun-Ocean contains over 70 different minerals. These unique macroalgae blends are particularly rich in calcium and magnesium and also contain boron, silicon, zinc and manganese.

**THE SCIENCE**

Immun-Ocean products are performance supplements for the modern horse. They are 100% natural and are Irish sourced and produced. From breeding stock to performance horses, Immun-Ocean delivers results. Training horses for any sport is a complex jigsaw requiring many skills, however all disciplines have one thing in common - having a healthy horse maximises performance.

**THE RESULTS**

Research has shown there are many nutritional benefits to feeding this unique supplement to horses, including immune support, healthy joint function, reduced excitable behaviour and gastric and hindgut support.
IMMUN-OCEAN BREEDERS BLEND

THE RESULTS

- Aids development of a healthy foetus
- Promotes the quality of mare's milk
- Provides Omega 3 for foal development
- Encourages healthy gut flora for foals at birth

100 DAYS
5KG

IMMUN-OCEAN BREEDERS BLEND

For MARES & FOALS

For MARES & FOALS

For MARES & FOALS

FEEDING GUIDE

1 scoop = 25g.
Adult horses or pregnant/ lactating mare = 2 scoops per day with regular feed.
Foals = 1 scoop per day.
Concentrated supplement not to be fed ad lib.
Introduce gradually over 7-10 days.
Store in a cool, dry place. Mix well before use.

1 scoop = 25g.
Adult horses or pregnant/ lactating mare = 2 scoops per day with regular feed.
Foals = 1 scoop per day.
Concentrated supplement not to be fed ad lib.
Introduce gradually over 7-10 days.
Store in a cool, dry place. Mix well before use.
Immun-Ocean Breeders Blend is made from freshly cut Ascophyllum nodosum. The macro algae is hand harvested in accordance with traditional and sustainable methods that have been used for centuries along the Atlantic coastline of Ireland. Our unique macro algae processing technique has been designed to ensure Immun-Ocean Breeders Blend retains all the valuable nutrients found naturally in fresh Ascophyllum nodosum. This includes a wide range of naturally balanced chelated minerals, vitamins, amino acids, antioxidants, sugars and dietary fibres. In addition, the flax oil levels in Breeders Blend provide an excellent source of ALA, a long chain essential fatty acid and precursor of eicosanoids including EPA and DHA, which also play a key role in fertility, gestation and quality of mares milk.

**INGREDIENTS**

Lithothamnium, magnesium oxide, yeast, live yeast, macroalgae, flax oil, ascophyllum nodosum low temperature dried granules, calcareous marine seaweed (Lithothamnium) spp and other minerals, Cadmium 0.32 mg/kg, Copper 15000 mg/kg, Fluoride 170 mg/kg, Iodine 230 mg/kg, Lead 0.03 mg/kg, Magnesium 15000 mg/kg, Molybdenum <3 mg/kg, Nitrogen 1.10 %, Phosphorous 1100 mg/kg, Potassium 1100 mg/kg, Selenium <3 mg/kg, Zinc 160 mg/kg

Immun-Ocean Breeders Blend does not contain any ingredient known to contravene the Jockey Club, FEI or BSLA rules. Immun-Ocean Breeders Blend is free of contaminants such as caffeine, theobromine, hyoscine, hordenine, morphine and atropine.

The values listed above are typical. Components of Immun-Ocean Breeders Blend are natural products of marine origin and as such are subject to seasonal variation.

**THE SCIENCE**

Immun-Ocean contains over 70 different minerals. These unique macroalgae blends are particularly rich in calcium and magnesium and also contain boron, silicon, zinc and manganese.

**THE RESULTS**

Research has shown there are many nutritional benefits to feeding this unique supplement to horses, including immune support, healthy joint function, reduced excitable behaviour and gastric and hindgut support.

**ABOUT IMMUN-OCEAN**

Immun-Ocean products are performance supplements for the modern horse. They are 100% natural and are Irish sourced and produced. From breeding stock to performance horses, Immun-Ocean delivers results. Training horses for any sport is a complex jigsaw requiring many skills, however all disciplines have one thing in common - having a healthy horse maximises performance.

**KSB EQUINE**

Order online at [www.ksbequine.com](http://www.ksbequine.com)

Email: info@ksbequine.com

Telephone: 01327 860892
IMMUN-OCEAN START RIGHT

THE RESULTS

- Supports the immune system
- Aids digestive health
- Promotes skeletal development
- Reduced excitable behaviour

100 DAYS YOUNG STOCK
200 DAYS FOALS

5KG

FEEDING GUIDE

1 scoop = 25g.
Foals = 25g / 1 scoop per day mixed with normal feed.
Yearlings - 3 yr olds = 50g / 2 scoops per day within 2 feeds (1 scoop per feed).
Concentrated supplement not to be fed ad lib.
Introduce gradually over 7-10 days.

Store in a cool, dry place.
Mix well before use.
Recommended by top vets and leading equine nutritionists, Immun-Ocean Start Right contains over 70 different minerals supporting optimum bone growth in young stock.

Research has shown that feeding these unique macroalgae supplement pellets, particularly rich in Calcium and Magnesium, provides many nutritional benefits to horses up to the age of 3.

**INGREDIENTS**
Lithothamnium sp., magnesium oxide, yeast, sugar, fish oil, vanilla flavour, live yeast, Magnesium (Atomic Absorption) 9%, Crude Oil 1.0%, Crude Protein 2.5%, Crude Ash 76%, Crude Fibre 2.8%, Calcium (Atomic Absorption) 22%.

Immun-Ocean Start Right does not contain any ingredient known to contravene the Jockey Club, FEI or BSJA rules.

Immun-Ocean contains over 70 different minerals. These unique macroalgae blends are particularly rich in calcium and magnesium and also contain boron, silicon, zinc and manganese.

Research has shown there are many nutritional benefits to feeding this unique supplement to horses, including immune support, healthy joint function, reduced excitable behaviour and gastric and hindgut support.

Immun-Ocean products are performance supplements for the modern horse. They are 100% natural and are Irish sourced and produced. From breeding stock to performance horses, Immun-Ocean delivers results. Training horses for any sport is a complex jigsaw requiring many skills, however all disciplines have one thing in common - having a healthy horse maximises performance.

**BREEDERS BLEND**
For healthy mares and foetus

**GASTRO BLEND**
Aids digestive health

**GASTRO RACE**
For consistent performance

Immun-Ocean Start Right is free of contaminants caffeine, theobromine, hyoscyamine, hordenine, morphine and atropine.

Note: the values listed above are typical. Components of Immun-Ocean Start Right are natural products of marine origin and as such, are subject to seasonal variation.

Manufacturers Registration No: IEC 102244

Immun-Ocean products are performance supplements for the modern horse. They are 100% natural and are Irish sourced and produced. From breeding stock to performance horses, Immun-Ocean delivers results. Training horses for any sport is a complex jigsaw requiring many skills, however all disciplines have one thing in common - having a healthy horse maximises performance.
IMMUN-OCEAN GASTRO

PRODUCT FRONT LABEL

THE RESULTS
- Consistent performance
- Promotes gastric health
- Supports athletic effort and recovery times
- Reduction of stress reaction

FEEDING GUIDE
- 1 scoop = 25g.
- Adult horses = 1 scoop twice a day within regular feed.
- Concentrated supplement not to be fed ad lib. Introduce gradually over 7-10 days.
- Store in a cool, dry place. Mix well before use.

100 DAYS
5KG

IMMUN-OCEAN
MACRO ALGAE
IRISH SUPPLEMENT

For
HIGH PERFORMANCE HORSES

IMMUN-OCEAN GASTRO

PROVIDES
GASTRIC HEALTH

IMPROVES
CONSISTENT PERFORMANCE
Immun-Ocean Gastro is made from freshly cut Ascophyllum nodosum. The macro algae is hand harvested in accordance with traditional and sustainable methods that have been used for centuries along the Atlantic coastline of Ireland.

Our unique macro algae processing technique has been designed to ensure Immun-Ocean Gastro retains all the valuable nutrients found naturally in fresh Ascophyllum nodosum. Immun-Ocean Gastro promotes intestinal health and supports gastric health. The Gastro also supports a healthy immune system, a reduction in stress reaction and improved recovery times.

**INGREDIENTS**

- Calcareous Marine Seaweed (Lithothamnium) spp, powder,
- Ascophyllum nodosum low temperature dried granules,
- yeast, linseed (Linum usitatissimum)
- flax oil, magnesium oxide and other minerals.

Cadmium 0.37 mg/kg, Copper 170 mg/kg, Fluoride 370 mg/kg, Iodine 96 mg/kg, Lead 0.44 mg/kg, Mercury 0.1 mg/kg, Magnesium 52000 mg/kg, Molybdenum <3 mg/kg, Nitrogen 0.58 %, Phosphorous 680 mg/kg, Potassium 5300 mg/kg, Selenium <3 mg/kg, Zinc 290 mg/kg. Also contains cereals and flavours to enhance palatability.

Immun-Ocean Gastro does not contain any ingredient known to contravene the Jockey Club, FEI or BVA rules. Immun-Ocean Gastro is free of contaminants such as caffeine, theobromine, hyoscine, hordenine, morphine and atropine.

Note: the values listed above are typical.

Components of Immun-Ocean Gastro are natural products of marine origin and as such, are subject to seasonal variation.

Manufacturers Registration No: IEC 102244

Immun-Ocean contains over 70 different minerals. These unique macroalgea blends are particularly rich in calcium and magnesium and also contain boron, silicon, zinc and manganese.

**THE SCIENCE**

Immun-Ocean contains over 70 different minerals. These unique macroalgea blends are particularly rich in calcium and magnesium and also contain boron, silicon, zinc and manganese.

**THE RESULTS**

Research has shown there are many nutritional benefits to feeding this unique supplement to horses, including immune support, healthy joint function, reduced excitable behaviour and gastric and hindgut support.
IMMUN-OCEAN GASTRO RACE

THE RESULTS
• Consistent performance
• Promotes gastric health
• Supports athletic effort and recovery times
• Reduction of stress reaction

FEEDING GUIDE
1 scoop = 25g.
Adult horses = 1 scoop twice a day within regular feed.
Concentrated supplement not to be fed ad lib.
Introduce gradually over 7-10 days.

Store in a cool, dry place. Mix well before use.
Immun-Ocean Gastro Race is made from freshly cut Ascophyllum nodosum. The macro algae is hand harvested in accordance with traditional and sustainable methods that have been used for centuries along the Atlantic coastline of Ireland. Our unique macro algae processing technique has been designed to ensure Immun-Ocean Gastro Race retains all the valuable nutrients found naturally in fresh Ascophyllum nodosum.

Immun-Ocean Gastro Race promotes intestinal health and supports gastric health. The Gastro also supports a healthy immune system, a reduction in stress reaction and improved recovery times.

**INGREDIENTS**
- Calcareous Marine Seaweed (Lithothamnium) spp, powder
- Ascophyllum nodosum low temperature dried granules
- Yeast
- Live yeast (Sacchromyces cerevisae)
- Flax oil
- Magnesium oxide and other minerals
- Cadmium: 0.37 mg/kg
- Copper: 170 mg/kg
- Fluoride: 370 mg/kg
- Iodine: 96 mg/kg
- Lead: 0.44 mg/kg
- Mercury: 0.1 mg/kg
- Magnesium: 52000 mg/kg
- Molybdenum: <3 mg/kg
- Nitrogen: 0.58 %
- Phosphorous: 680 mg/kg
- Potassium: 5300 mg/kg
- Selenium: <3 mg/kg
- Zinc: 390 mg/kg

Also contains cereals and flavours to enhance palatability.

**THE SCIENCE**
Immun-Ocean contains over 70 different minerals. These unique macroalgae blends are particularly rich in calcium and magnesium and also contain boron, silicon, zinc and manganese.

**THE RESULTS**
Research has shown there are many nutritional benefits to feeding this unique supplement to horses, including immune support, healthy joint function, reduced excitable behaviour and gastric and hindgut support.