



**NEW
IMPROVED
FORMULA**

*Taking the ultimate
cattle block to the
next level with added
essential amino acids*

THE ULTIMATE CATTLE BLOCK

HERD *health*



*The Herd Health range helps increase the productivity of
the herd and contributes to the profitability of the farm.
Supplement 365 days a year for the best results.*

HERD HEALTH

SUPPLEMENTATION

The Herd Health range can play a large part in increasing the productivity of the herd & contributes to the profitability of the farm. Supplement 365 days a year for the best results.

Olsson's Herd Health blocks take the confusion out of sourcing the right supplementation for your cattle. In developing the Herd Health range we studied the common issues that all herds face, such as nutrient deficiencies & reproductive issues, while focusing on the five requirements for a healthy herd- roughage, protein, vitamins, minerals & energy. With this in mind we created the Herd Health 365 block, a supplement to be used all year round in all pasture conditions for ongoing maintenance, correcting deficiencies & improving productivity.

We have also developed the Herd Health Dry Feed & Stubbles block specifically for use during dry times. While the Herd Health 365 block can still be used during the dry season, the Herd Health Dry Feed & Stubbles block provides additional protein in the form of urea, helping to increase the consumption and conversion of the feed available.

The Herd Health Pre Calving block has been designed for short term use, for two weeks before calving. The block quickly draws out and converts crucial calcium & mineral reserves (built up over time by the Herd Health 365 blocks) into usable calcium, reducing the likelihood of milk fever/ hypocalcaemia and other issues.

For best results the Herd Health blocks need to be available 365 days of the year. Because cattle self regulate their nutritional requirements and the blocks are weather resistant, the blocks are cost effective with minimal wastage.





Our Herd Health Range came about after spending time with one of the best cattle fertility vets in Australia, and stockmen who are the best at what they do.

Five years in development, we were given the challenge of producing a block that would be ideal for in improving results in AI, embryo flush and recipient programs. With the use of this technology we have created blocks that deliver results in fertility as well as maximising the performance of the whole herd. For a detailed breakdown on the benefits of these blocks see the table on page 9.

Supplementing with the Herd Health range will optimise any program that exists on farm. The blocks can be used along with other existing forms of nutrition such as drenches and injections.

Ruminants have a proven ability to recognise when they require supplements. Therefore, the Herd Health range is a cost-effective way of ensuring peak performance. "If they lick it, it's because they need it".

Why put vitamins A, D and E in the Herd Health blocks?

Vitamin A is important for reproduction, performance & normal bone and growth development in calves. Signs of deficiency include poor fertility, reduced feed intake/weight loss, rough coat and scale on skin. Vitamin A deficiency can often be seen when loading cattle at nighttime because deficiency can lead to night blindness.

Vitamin D assists with calcium absorption & bone metabolism. It helps reduce milk fever and aids immunity. Signs of deficiency include irritability, reduced feed intake, laboured breathing, weakness, and scours in young animals.

Vitamin E is used support the immune response to infectious diseases. Signs of deficiency include rough coat, low immunity, poor fertility, white muscle disease, & rapid loss in weight and milk production. Vitamin E has a roll alongside selenium & will help reduce the animal's selenium requirements.

Why have the highest selenium block supplement on the market?

Selenium (Se) is a trace element that plays an important role in the health and performance of animals. In cattle, selenium deficiency can have economically significant impacts such as reduced fertility, placental retentions, and the incidence of mastitis. The increase in fertility when adding selenium is attributed to the reduction of the embryonic death during the first month of gestation.

Selenium is necessary for cellular function, but in large quantities it is toxic. Many products contain an amount of selenium and some could fear overdosing the animal. However, our Herd Health supplementation range allows the animals to self-regulate their intake. The cattle will only consume what they require to maintain good health. They have no interest in overindulging on lick blocks when they have met their nutritional requirements. Injections of selenium will simply have the animal leave the blocks alone until they have a requirement (top up) of minerals and vitamins.

HERD HEALTH BLOCK BENEFITS-

365 days per year supplementation

The table below lists nutrients in the Herd Health blocks and the corresponding benefits.

| NUTRIENTS | Maintenance | Growth/weight gain | Lactation | Reproduction/fertility | Energy | Rumen Function | Immune function | Increased Appetite | Prevention of Metabolic Disorders | Bone Development | Muscle Function | Mineral Absorption | Production of B12 | Hoof Health | Udder Health | Prevention of Heat Stress | Prevention of Lazy Calving |
|----------------------------|-------------|--------------------|-----------|------------------------|--------|----------------|-----------------|--------------------|-----------------------------------|------------------|-----------------|--------------------|-------------------|-------------|--------------|---------------------------|----------------------------|
| | | | | | | | | | | | | | | | | | |
| Essential Amino Acids | ● | ● | ● | ● | ● | | ● | ● | ● | ● | ● | | | | ● | | |
| Bypass Protein | ● | ● | | ● | ● | ● | ● | ● | | | | | | | | | |
| Urea (Dry Feed block only) | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | | | |
| Molasses | | | | | ● | ● | | | | | | ● | | | | ● | ● |
| Salt | ● | ● | ● | ● | | | | ● | | | | | | | ● | | |
| Calcium | | | ● | | | | | | ● | ● | ● | | | | | | ● |
| Phosphorous | | ● | ● | ● | | | ● | ● | | ● | | | | | | | |
| Sulphur | | | | | | ● | | ● | | | | | | | | | |
| Magnesium | ● | | | | ● | | ● | ● | ● | | ● | | | | | | |
| Iodine | ● | ● | ● | ● | | | ● | | | | | | | ● | | | |
| Copper | ● | ● | ● | ● | ● | | ● | | | ● | | | | ● | | | |
| Cobalt | | ● | | ● | ● | | ● | | | | | | ● | | | | |
| Zinc | | ● | | ● | | | ● | | | ● | | | | ● | ● | | |
| Manganese | | | | ● | | | | | | ● | ● | | | | | | |
| Selenium | | | ● | ● | | | ● | | | | ● | | | | ● | | ● |
| Potassium | | ● | | | | | | | | | | | | | | | |
| Ferrous Iron | | ● | | | ● | | ● | | | | | | | | | | |
| Vitamin A | | | | ● | | | ● | | | ● | | | | | | | |
| Vitamin D | ● | | ● | | | | | | | | | ● | | | | | |
| Vitamin E | | | | ● | | | ● | | | | | ● | | | ● | | |
| Boron | ● | | | | | ● | ● | | ● | ● | | | | | | ● | |
| Glycerol pre calving | | | | | ● | | | | | | | | | | | ● | ● |

NEW & IMPROVED HERD HEALTH FORMULA

The benefits of microproteins (& essential amino acids)

We've taken our ultimate cattle block to the next level with the addition of natural and easily digestible microproteins. The microproteins work alongside our balanced array of trace elements, vitamins and minerals, taking our Herd Health range from strength to strength.

Microproteins are single cell proteins, meaning they are made up of edible unicellular micro organisms. It is a fermented bio mass of dry matter, bacteria, yeast, fungi and algae. This is a highly digestible protein source that supports gastrointestinal function and animal growth. The majority of the protein is rumen bypass, which get delivered to the intestine where it can be absorbed directly as an energy source. The microproteins provide a safe and supportive protein source for young stock.

The microproteins contain 17 amino acids, which assist with growth, lactation, immune function, fertility & digesting roughage. Five of the most important amino acids for cattle are methionine, lysine, isoleucine, threonine and leucine. Methionine, for example, serves as a constituent of skeletal muscle protein, as well as optimises the development of digestive tract and growth performance. Lysine also optimises animal growth performance, as well as synthesises muscle proteins, and aids in calcium resorption, while isoleucine optimises glucose uptake and energy efficiency in intestine and muscle.

A deficiency in any of these amino acids results in a slowing of growth and delayed onset of maturity. Amino acids also help increase metabolic functions, immune response and maintenance. Amino acids are critical for livestock growth and overall well-being.



HERD health

365

AVAILABLE IN 20 & 40KG BLOCKS

**NEW
IMPROVED
FORMULA**
Now with added
essential amino
acids

A year-round supplement using new technologies to enhance animal health, welfare, fertility, calving rates, milk production & rumen function.

An animal's performance is limited by the quality of feed available. Even the best-looking pastures can lack the nutrients your herd needs to thrive.

Olsson's Herd Health 365 is an advanced block containing a balanced array of trace elements, vitamins and minerals, providing targeted supplementation for cattle grazing all types of pastures in all seasons. It supports both bulls and cows for greater conception rates. Calf survival, lactation and optimal feed conversion can be expected with the daily use of this block.

Herd Health 365 is designed to stand up to all weather conditions.



DIRECTIONS FOR USE

Make available all year round. Replace when consumed. Place enough blocks out to avoid overcrowding. Safe for cattle of all ages and all feed programs.

Consumption: Cattle 10-60 grams/head/day. Consumption rates will depend on life cycle of the herd and the quality of the available feed. High consumption will appear if supplementation is stopped. Refer to p.18 for the consumption guide.

TYPICAL ANALYSIS

| | | | |
|---------------------|-----------|------------------|-----------|
| Bypass Protein Meal | 10% | Copper (Cu) | 1000mg/kg |
| Molasses | 6% | Cobalt (Co) | 400mg/kg |
| Salt (NaCl) | 39% | Zinc (Zn) | 500mg/kg |
| Calcium (Ca) | 10% | Manganese (Mn) | 500mg/kg |
| Phosphorus (P) | 3% | Selenium | 65mg/kg |
| Sulphur (S) | 3% | Potassium (K) | 330mg/kg |
| Magnesium (Mg) | 1.5% | Boron | 10mg/kg |
| Ferrous Iron | 1350mg/kg | Amino Acids | |
| Iodine (I) | 1400mg/kg | Vitamins A, D, E | |

HERD health

DRY FEED & STUBBLES

AVAILABLE IN 20 & 40KG BLOCKS

**NEW
IMPROVED
FORMULA**
Now with added
essential amino
acids

A premium supplement to improve the rumen environment, enhancing the digestibility of dry feed and stubbles.

Dry feed is a good source of roughage and it's made better when Olsson's Herd Health Dry Feed & Stubbles is introduced. This block contains urea to assist in increasing the consumption and conversation of available dry feed. With a balanced mix of trace minerals, micro minerals and vitamins, Herd Health Dry Feed & Stubbles will maintain the animal's nutrition requirements during dry times. Being cost effective (with minimal wastage) & easy to handle makes this block a winner.

During dry periods introducing Olsson's High Sulphur block will help decrease intake of this block while enhancing rumen function. **Warning: Products containing urea can be toxic to livestock.** Please ensure proper farm management practices are employed.



DIRECTIONS FOR USE

Use with dry feed and stubbles. Place away from watering points. Do not allow this block to sit in water. Place out enough blocks to avoid overcrowding. Herd Health 365 should be used on the lead up to a dry spell to avoid over consumption of the dry feed block.

Consumption: Cattle: 10-60 grams/head/day. Consumption will vary depending on the available feed. Replace when consumed. High consumption can be fixed with the introduction of a High Sulphur block. See p.18 for the consumption guide.

TYPICAL ANALYSIS

| | | | |
|---------------------|-----------|------------------|----------|
| Bypass Protein Meal | 10% | Iodine (I) | 250mg/kg |
| Urea | 11% | Copper (Cu) | 250mg/kg |
| Molasses | 6.3% | Cobalt (Co) | 200mg/kg |
| Salt (NaCl) | 25% | Zinc (Zn) | 450mg/kg |
| Calcium (Ca) | 6% | Manganese (Mn) | 160mg/kg |
| Phosphorus (P) | 2% | Selenium | 45mg/kg |
| Sulphur (S) | 3% | Boron | 10mg/kg |
| Magnesium (Mg) | 1% | Amino Acids | |
| Zeolite | 2.5% | Vitamins A, D, E | |
| Ferrous Iron | 1000mg/kg | | |

BLOCKS

FOR SPECIAL CONDITIONS

Olsson's Herd Health blocks have been developed as fantastic all year-round supplementation for cattle in southern states, providing the essential nutrients they need to thrive. By providing Herd Health 365 at all times many common vitamin and mineral deficiencies can be avoided.

However, because Australia has such varied weather and pasture conditions there are times when additional blocks will be needed. The following pages list our supplement that target specific conditions, such as bloat, grass tetany, toxic plants, flies and ticks, and more.

If you have an issue specific to your stock that isn't listed don't hesitate to get in touch with us- chances are we have a block for it! We encourage producers to contact us on our help line: **1800 804 096**. We have experts across every state that will listen and work on a solution, just ask to talk to a rep in your area.

Sometimes you will require blocks for special conditions...



1968

Since 1948 Olsson's has produced hundreds of different blocks for all regions of Australia.



2022

HERD health

PRE CALVING

AVAILABLE IN 15KG BLOCKS



A high energy block to enhance animal health, welfare, fertility, calving rates, milk production and rumen function.



A block designed for short term use just two weeks before calving.

Olsson's have designed this block to help trigger the release of the cow's essential minerals stored over time by using the Herd Health 365.

Herd Health pre calving provides energy and minerals such as magnesium to help with the physical calving also helping reduce the onset of milk fever. Energy for both cow and calf help with survival rates and lactation during this critical time.

DIRECTIONS FOR USE

Pregnant cows: To be fed out in the weeks leading up to calving on an adlib basis. Replace when consumed. Safe for newborn calves.

TYPICAL ANALYSIS

| | | | |
|---------------------|------|----------------|------|
| Bypass Protein Meal | 5% | Phosphorus (P) | 1.7% |
| Molasses | 45% | Magnesium (Mg) | 9% |
| Salt (NaCl) | 4% | Glycerol | 10% |
| Calcium (Ca) | 2.2% | | |

ALL SEASON + TRACE ELEMENT

AVAILABLE IN 15, 40 & 100KG BLOCKS



A trace mineral molasses block for mineral deficiencies. Designed for all pasture conditions.

Olsson's All Season Plus Trace Element is a supplement designed for all pasture conditions. All Season can be fed to all livestock to satisfy mineral requirements.

All Season Plus Trace Element contains high levels of minerals including copper, cobalt, iodine, zinc, and selenium. It also contains biochar for improved rumen function & boosted productivity. With a high molasses content this block is palatable, even on coastal areas.

All Season Plus Trace Element can also be used for stock that may require an energy boost due to poor condition, relocating, etc.



DIRECTIONS FOR USE

All year-round supplementation. Place enough blocks to avoid overcrowding. Replace when consumed

Consumption: Cattle 50-100 grams/head/day.
Consumption will differ depending on the life cycle of the herd and the available feed. Daily use of this block will lower consumption and produce peak performance. See p.18 for the consumption guide.

TYPICAL ANALYSIS

| | | | |
|---------------------|-------|---------------|-----------|
| Molasses | 45.1% | Zeolite | 2.5% |
| Biochar | 5% | Copper (Cu) | 600mg/kg |
| Bypass Protein Meal | 5.9% | Cobalt (Co) | 60.1mg/kg |
| Calcium (Ca) | 7.0% | Iodine (I) | 60.8mg/kg |
| Phosphorus (P) | 1.07% | Zinc (Zn) | 1040mg/kg |
| Salt (NaCl) | 12% | Selenium (Se) | 9.02mg/kg |
| Magnesium (Mg) | 4.5% | | |

DOMINATOR DRY SEASON

+ 10% OR 20% UREA • AVAILABLE IN 15, 40 & 100KG BLOCKS



A high protein multi-nutrient supplement for ruminants grazing poor pastures and stubbles.



Olsson's Dominator Dry Season blocks are an easy, cost-effective method of delivering a balance of minerals and trace elements to the rumen as well as supplementing rumen protein in the form of urea.

Dominator Dry Season is effective in promoting and maintaining weight gain. The blocks contain nitrogen (urea) and micro & macro minerals- some of the major elements required for rumen function. When these elements are balanced it results in an efficient breakdown of dry and fibrous feeds, such as stubble and dry pastures.

Warning: Products containing urea can be toxic to livestock. Please ensure proper farm management practices are employed.

DIRECTIONS FOR USE

Use with dry feed and stubbles. Place away from watering points. Do not allow block to sit in water. Place out enough blocks to avoid overcrowding. Replace when consumed. Use Herd Health 365 prior to a dry spell to avoid over consumption of this block.

Consumption: Cattle: 50-100 grams/head/day. Consumption will vary depending on the available feed. High consumption can be fixed with the introduction of a High Sulphur block. See p.18 for consumption guide.

TYPICAL ANALYSIS

| | | | |
|---------------------------|-------|---------------------|----------|
| Bypass Protein Meal | 4% | Magnesium (Mg) | 3.5% |
| Urea | 10% | Zeolite | 3% |
| Total Protein Equivalents | 30.8% | Selenium (Se) | 32mg/kg |
| Molasses | 57.6% | Copper (Cu) | 100mg/kg |
| Salt (NaCl) | 5% | Cobalt (Co) | 150mg/kg |
| Calcium (Ca) | 5.5% | Ferrous Iron (Fe++) | 500mg/kg |
| Phosphorus (P) | 1.7% | Iodine (I) | 150mg/kg |

BENTOBITE

AVAILABLE IN 20 & 34KG BLOCKS



A protein supplement with bentonite. Helps absorb toxins & control green season scouring.



Olsson's Bentobite helps absorb toxins, boosting production and controlling green season scouring. It also assists in preventing acidosis when feed/diet is being changed.

Containing bentonite and protein meal, this block assists with binding some toxins in the gut, balancing rumen function and offering bypass protein. Olsson's Bentobite can also help reduce the effects of naturally occurring bacteria on stubbles (often prevalent after rain). The bentonite will help bind this bacteria that can cause weight loss, infertility and sometimes death.

Research at the University of New England showed that the addition of Bentonite clay and high quality bypass protein is highly beneficial in improving productivity.

DIRECTIONS FOR USE

Place away from watering points. Place out enough blocks to avoid overcrowding. Replace when consumed.

Consumption: Cattle 50-100 grams/head/day.
Consumption can be reduced when used in conjunction with Herd Health 365. See p.18 for consumption guide.

TYPICAL ANALYSIS

| | | | |
|---------------------------|-----|-------------|------|
| Protein Meal | 25% | Salt (NaCl) | 31% |
| Total Protein Equivalents | 9% | Bentonite | 33% |
| Molasses | 7% | Sulphur (S) | 2.2% |

BEEFMASTER (GRASS TETANY)

AVAILABLE IN 15 & 40KG BLOCKS



A magnesium supplement to aid in the prevention of grass tetany in cattle.



Grass Tetany is a condition that can effect stock in late autumn, winter and spring. It can cause significant losses in production, even when there are no signs of illness. Grass tetany (also called grass staggers) occurs when animals are grazing pasture which has low available levels of magnesium, or as a result of increased body demands for magnesium during lactation or late pregnancy.

Prevention is preferable to treatment as grass tetany often occurs without warning. Prevention involves supplementing the animals with magnesium during the period of greatest risk. Olsson's Beefmaster is the supplement to eliminate the deficiency with 111g/ kg of available magnesium. **APVMA Approval No. 40029/15/0905 40kg block not available on consignment.**

DIRECTIONS FOR USE

To be used in late Autumn, Winter & Spring. Place away from watering points. Place out enough blocks to avoid overcrowding.

Consumption: Feed out on an ad lib basis. The use of Herd health 365 will reduce overconsumption of Beefmaster. See p.18 for consumption guide.

TYPICAL ANALYSIS

| | | | |
|-----------------------|-------|-----------------|--------|
| Magnesium (Mg) | 11.1% | Phosphorus (P) | 0.11% |
| Magnesium Oxide (MgO) | 18.9% | Molasses | 59.77% |
| Salt (NaCl) | 0.32% | Cottonseed Meal | 0.39% |
| Calcium (Ca) | 0.21% | | |

BLOAT-LIQ

AVAILABLE IN 15 & 40KG BLOCKS



A effective aid in bloat control.

Bloat in ruminants is the distention of the rumen-reticulum, or paunch, with gas. This gas has been formed during rapid fermentation of the feed in the rumen. The distention is usually seen on the left side as a tight ballooning of the underlying rumen from the ribs to the hip. The usual mechanism of “belching” and letting gas out through the animal’s mouth has failed and so the gas accumulates. Distention can occur from pasture bloat and feedlot bloat.

Olsson’s Bloat-Liq is a molasses-based, anti foaming block (10% Alcohol Ethoxylate Teric 12A 23) designed to relieve the symptoms of this annual killer. Bloat-Liq is rain resistant, easy to use, works 24 hours a day and is one of the best value bloat products on the market. **APVMA Approval No. 41900/15/0108.**



DIRECTIONS FOR USE

Place out enough blocks to avoid overcrowding two weeks prior to suspected bloat season.

Consumption: Feed on an ad-lib basis during bloat season. Consumption can be reduced when used in conjunction with Herd Health 365. See p.18 for consumption guide.

TYPICAL ANALYSIS

| | | | |
|---------------------------|-------|----------------|------|
| Bypass Protein Meal | 2.8% | Calcium (Ca) | 2.3% |
| Total Protein Equivalents | 1.0% | Magnesium (Mg) | 2.7% |
| Molasses | 67.5% | Phosphorus (P) | 0.6% |
| Salt (NaCl) | 3.2% | Sulphur (S) | 0.1% |
| Alcohol Ethoxylate | 10.0% | | |

Active Ingredient: 10% Alcohol Ethoxylate Teric 12A 23- 1g/10g of block.

ALLICIN + SULPHUR

AVAILABLE IN 40 & 100KG BLOCKS

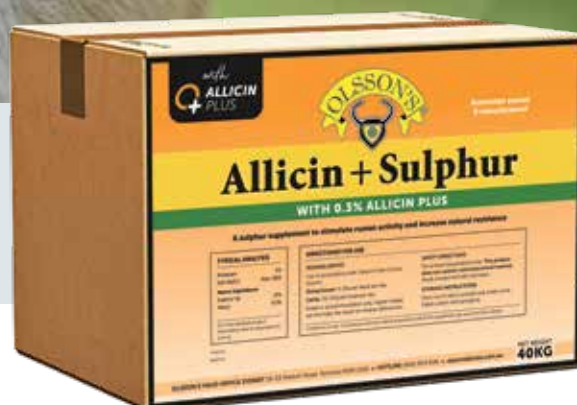


A sulphur supplement with the addition of Allicin Plus to stimulate rumen function & increase natural resistance.

Allicin is a natural compound extracted from garlic. When ingested by livestock allicin is excreted through the animal's breath and skin, assisting in the reduction of fly, tick and lice burden.

We have stabilised the allicin compound by combining other natural ingredients and added it to our High Sulphur block, creating a supplement with a wide range of benefits. These benefits include encouraging optimal microbial growth and ammonia balance, deriving essential nutrients from dry and fibrous feeds, and helping repel flies, ticks and lice.

Our Allicin + Sulphur block provides an effective, natural and ongoing solution to fly, tick and lice burden. In trials, our formulation has reduced the burden to less than 100 flies per animal (the threshold to drench).



DIRECTIONS FOR USE

Can be used all year round. Place out block before fly season starts. Place enough blocks to avoid overcrowding and place away from water points. Expect ratio of about 4-6 dry feed blocks to 1 Allicin + Sulphur block.

Consumption: Cattle: 10-50 grams/head/day. Intake will vary depending on available feed.

TYPICAL ANALYSIS

| | | | |
|-------------|-----|-------------|------|
| Molasses | 4% | Sulphur (S) | 12% |
| Salt (NaCl) | 80% | Allicin | 0.3% |

MOLYBITE

AVAILABLE IN 20KG BLOCKS

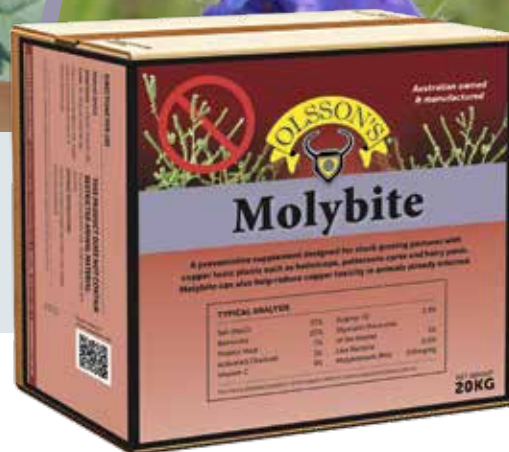


An advanced bentonite and molybdenum supplement for ruminants grazing areas infested with liver toxic plants such as heliotrope.

NEW & IMPROVED FORMULA. Olsson's Molybite is a preventative supplement containing bentonite and molybdenum, designed for stock grazing pastures with copper toxic plants such as heliotrope, pattersons curse and hairy panic.

Molybite can also help reduce copper toxicity in animals already infected. It now contains silymarin, a group of plant compounds extracted from milk thistle, which has antioxidant, hepatoprotective and anti-inflammatory properties for promoting liver cell repair.

In areas infested with liver toxic plants it is recommended that Molybite is supplied on an ad-lib basis.



DIRECTIONS FOR USE

Cattle: 50-100g per head per day

TYPICAL ANALYSIS

| | | | |
|--------------------|-----|----------------------|----------|
| Salt (NaCl) | 57% | Sulphur (S) | 2.3% |
| Bentonite | 20% | Silymarin (from | |
| Protein Meal | 7% | milk of the thistle) | 1% |
| Activated Charcoal | 3% | Live Bacteria | 0.2% |
| Vitamin C | 4% | Molybdenum (Mo) | 110mg/kg |

HOOF HEALTH PLUS

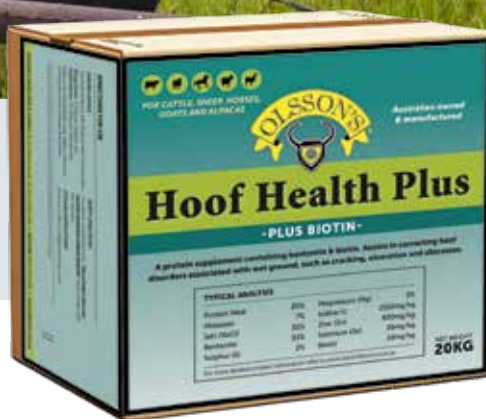
AVAILABLE IN 20KG BLOCKS



A protein block with bentonite & biotin for hoof disorders.

Olsson's Hoof Health Plus is a supplement for all livestock, containing bentonite & biotin. It assists in correcting hoof disorders associated with wet ground, such as cracking, ulceration and abscesses.

Livestock with hoof conditions are often in poor condition due to their lack of mobility. Hoof Health Plus provides protein meal, magnesium, iodine and zinc to assist with growth and reproduction rates, as well as biotin and bentonite for optimal hoof health.



DIRECTIONS FOR USE

Place away from watering points. Place out enough blocks to avoid overcrowding. Replace when consumed.

Consumption: Cattle: 10-70g per head per day.

TYPICAL ANALYSIS

| | | | |
|--------------|-----|----------------|-----------|
| Protein Meal | 20% | Magnesium (Mg) | 3% |
| Molasses | 7% | Iodine (I) | 1500mg/kg |
| Salt (NaCl) | 35% | Zinc (Zn) | 600mg/kg |
| Bentonite | 33% | Selenium (Se) | 26mg/kg |
| Sulphur (S) | 2% | Biotin | 10mg/kg |

SUPERPHOS 8%

AVAILABLE IN 20, 40 & 100KG BLOCKS



A quality source of phosphorus and trace elements.

Olsson's Superphos 8% is a multi-nutrient supplement used to reduce phosphorus deficiency and provide energy for metabolism, growth, digestive function, fertility and lactation for all livestock.

Superphos 8% helps improve fertility and milk production, as well as help lower mortality rates and aids in reducing prolapse. Advantages of Superphos 8% include:

- No wastage
- Weather resistant
- Cost effective
- Controlled intake



DIRECTIONS FOR USE

Phosphorus requirements will vary depending on soil types, farm practices, etc. Place out phosphorus blocks if soil testing and farm management highlight low levels of phosphorus. Place away from watering points.

Consumption: Cattle: 20-100g per head per day.

TYPICAL ANALYSIS

| | | | |
|--------------------------|-----|--------------------------|-----------|
| MDCP | 49% | MICRO INGREDIENTS | |
| Molasses | 4% | Copper (Cu) | 1250mg/kg |
| Salt (NaCl) | 46% | Cobalt (Co) | 15mg/kg |
| MACRO INGREDIENTS | | Zinc (Zn) | 320mg/kg |
| Calcium (Ca) | 9% | Selenium (Se) | 26mg/kg |
| Phosphorus (P) | 8% | | |

STOCK TRANZ

AVAILABLE IN 8X150G TABS & 10X1KG CARTON



A water soluble supplement containing essential minerals, glucose & fructose. Assists in reducing stress & weight loss during transit & yarding.



When an animal is in distress, stress hormones and adrenalin effect the electrolyte mineral balance in the animal's body.

Stock Tranz is a water soluble supplement in tablet form containing a balanced array of essential minerals, glucose & fructose. These essential minerals and sugars naturally lower the animal's stress levels, while also hydrating and replacing depleted electrolytes. This results in a calmer, easier to handle animal.

Benefits of Stock Tranz include enhanced welfare of the herd while yarding, reduced weight loss during transit, and assisting in the reduction of dark cutters.

DIRECTIONS FOR USE

Drop one 150g tablet in 200 litres of water in a tank or trough.

It will slowly dissolve supplying stock with glucose, fructose and essential minerals.

TYPICAL ANALYSIS

| | | | |
|----------------|--------|----------|------|
| Salt (NaCl) | 20.92% | Fructose | 1.8% |
| Potassium (K) | 2.51% | Glucose | 2.2% |
| Magnesium (Mg) | 0.3% | Maltose | 0.2% |
| Sodium (Na) | 8.2% | Lactose | 0.2% |
| Chloride (Cl) | 13.52% | | |

CONSUMPTION

GUIDE

CATTLE - TYPICAL CONSUMPTION

MOLASSES BLOCKS (based on 75g/head/day)

| BLOCK SIZE | 10 HEAD | 100 HEAD |
|------------|---------|----------|
| 15kg | 20 days | 2 days |
| 40kg | 53 days | 5.5 days |

SALT BLOCKS (based on 50g/head/day)

| BLOCK SIZE | 10 HEAD | 100 HEAD |
|------------|---------|----------|
| 20kg | 40 days | 4 days |
| 40kg | 80 days | 8 days |

While we suggest an average grams per head per day (g/h/d) consumption, graziers often want to know how many blocks per X cattle/sheep and how long that will last. The following is a typical example only. Different conditions will create different consumption rates.

If you require advice ask your agent or call Olsson's on **1800 804 096**. Please note that overcrowding becomes an issue when too many head have access too few blocks (dominant animals can hog access). To prevent this we recommend no more than 15 - 20 cattle per block & 35 sheep per block as a guide.

SHEEP - TYPICAL CONSUMPTION

MOLASSES BLOCKS (based on 10g/head/day)

| BLOCK SIZE | 100 HEAD | 1000 HEAD |
|------------|----------|-----------|
| 15kg | 15 days | 1.5 days |
| 40kg | 40 days | 4 days |

SALT BLOCKS (based on 7.5g/head/day)

| BLOCK SIZE | 100 HEAD | 1000 HEAD |
|------------|----------|-----------|
| 20kg | 27 days | 2.7 days |
| 40kg | 54 days | 5.4 days |

BEEFMASTER / BLOAT LIQ

Bloat Liq & Beefmaster are formulated to be fed on an adlib basis but as a general rule double the consumption rate above.
(Based on 150g/head/day)

| BLOCK SIZE | 10 HEAD | 100 HEAD |
|------------|---------|----------|
| 15kg | 10 days | 1 day |
| 40kg | 27 days | 2.7 days |

UREA

FEEDING INFORMATION

WHY FEED UREA?

Urea maximises the benefits of poor-quality grazing by optimising digestion. The aim is to improve the rumen function and therefore the animal's performance.

Rumen microbes use nitrogen from the urea as the building block to produce protein. Once consumed the urea converts to ammonia in the rumen, where the rumen micro flora synthesise protein. The protein then becomes available to the animal in the normal process of digestion and absorption.

Blocks that contain urea can be used effectively in paddock management. Blocks can be placed in under utilised areas of the paddock, as licking the blocks will result in increased appetite and a willingness to consume from all areas.

BEST PRACTICE FOR INTRODUCING BLOCKS WITH UREA:

- *Ensure dry feed is available in the paddock.*
- *Provide Olsson's blocks with trace minerals before placing out urea blocks. This will help minimise consumption, as mineral requirements will already be met. (Check our website olssonsblocks.com.au or contact us for more information on our products).*
- *Introduce low level urea blocks first. When the animal's targeted rumen micro flora have built up and appetite has increased, higher urea blocks can be introduced (and are more cost effective). Higher urea blocks such as 20% can be used at the start of the season if the steps above have been taken.*
- *Do not let the blocks run out then replace days later. With the use of urea blocks the micro flora has been built up. By going days without urea the micro flora will need to build up again, resulting in the loss of production.*
- *Provide enough blocks to avoid overcrowding. Please see our consumption guide on page 18.*
- *Place out high sulphur blocks with the urea blocks at a ratio of 6 urea to 1 high sulphur to make the best use of your urea block.*

ON FARM UREA FEEDING FAQ:

When should I use urea blocks?

When dry feed becomes available.

Where should I place the blocks?

Ideally under shade and away from watering points (up to 200 metres).

What animals can have urea based blocks?

Cattle, sheep, alpacas, goats.

Should I remove blocks if rainstorms have been through?

The blocks stand up well to rainfall, however it is important not to allow puddles or pools of water in or around blocks.

Can my young stock consume urea blocks (calves or lambs)?

Yes, the young animals will lick very little of these blocks in the early stages of life.

Can I put urea based blocks in troughs?

As a general rule no, unless trough is very well drained and covered.

Should I use a molasses block or a salt block?

Olssons salt blocks are fantastic way of minimising consumption. However, the molasses-based blocks provide an extra boost of energy as the available feed declines. Molasses blocks also work well in areas with high sodium, such as coastal plains.

I have a farm with different animals. What should I use?

Olssons have a wide range of blocks available with and without urea. On a hobby farm blocks with NO urea would be recommended.



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