



**Crystalx**

**FEED  
LICKS FOR  
DAIRY, BEEF,  
SHEEP &  
DEER**





## CATTLE BOOSTER

FOR DAIRY CATTLE, BEEF CATTLE,  
DEER AND GROWING GOATS  
ALL YEAR ROUND.

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## PRE-CALVER

FOR DAIRY AND BEEF COWS.

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## BEET BALANCER

FOR CATTLE FED ON  
A FODDER BEET CROP.

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## ORGANYX EXTRA

ORGANIC FEED FOR CATTLE AND GOATS.

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## EXTRA HIGH ENERGY

FOR EWES, GROWING LAMBS,  
RAMS AND GOATS ALL YEAR ROUND.

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## EASY BREATHER

NATURAL AID FOR MAINTAINING A HEALTHY  
RESPIRATORY SYSTEM IN CALVES,  
YOUNG CATTLE AND SHEEP.

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# Our Research

**Crystalyx products benefit from years of scientific research at some of the finest agricultural institutes around the world, with results consistently showing significant improvements in animal health, performance and productivity.**

With a scientific approach to animal nutrition, Crystalyx continues to invest heavily in research, ensuring that each product specifically fits the requirements of both modern and traditional farming systems.

Research at Newcastle University and Kansas State University on rumen fermentation forms the foundations of Crystalyx products. Results conclusively show that feeding Crystalyx, stimulates the rumen making the rumen bugs work harder and ever more efficiently. This improvement in rumen activity allows livestock to consume more forage by up to **15%** and digest what they do eat more efficiently - by as much as **10%**. The increase in consumption and more efficient digestion of home grown forages allow animals to perform at their very best, by means of improving DLWG, enhancing fertility and increasing milk yield.

Research conducted at Aberystwyth University has also confirmed that the improved animal performance when Crystalyx is fed, leads to a significant reduction in methane output per kilogram of liveweight gain, of almost **20%**. The Aberystwyth research team further concluded, that based on their trial results, all youngstock fed Crystalyx Cattle Booster at grass would reach bulling weight approximately six weeks earlier than control heifers on grass alone - further reducing their lifetime methane emissions.

Independent research carried out by UniServices, University of Auckland, has shown that supplementing cows with Crystalyx Pre-Calver will significantly reduce the instances of milk fever, retained cleansings and mastitis. An AgResearch study with R2

## Our Research Partners



Dairy Heifers has shown that feeding Crystalyx Cattle Booster can improve pregnancy rates and lead to earlier conception when compared to livestock grazing on grass alone. While trials with Crystalyx Extra High Energy have confirmed significantly improved lamb survival rates when triplet bearing ewes are supplemented in the weeks pre and post lambing.

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# Features and Benefits

## Low Moisture

Crystalyx is very low in moisture, typically it contains only 2-3% water. Most dried feedstuffs contain around 10% and traditional chemical blocks can contain in excess of 20% moisture. Water dilutes nutrients and is very expensive to transport.

## Hard Crystalline Structure

Crystalyx products don't break up in wet weather. The design of the product means that water can not penetrate the surface (as is the case with chemical blocks), only the top few millimetres of Crystalyx blocks softens as moisture ingresses from the atmosphere, allowing livestock to lick the product.

## Can Only Be Licked

The hard, durable consistency of Crystalyx means that animals cannot gorge on the product. Instead intakes are consistent, with the product being consumed little and often as designed.

## Dramatically Increases Saliva Flow

Saliva is a natural buffer (10% sodium Bicarbonate) and will help offset problems associated with acidic forages.

## High In Fermentable Energy

Crystalyx Products contain as much as 43% sugar which helps to increase the speed and rate of rumen fermentation. Most bucket supplements contain around 18% sugar, which is similar to good quality grass, therefore does not improve fermentation rate.

## Does Not Displace Other Feeds

Feeding Crystalyx increases fermentation efficiency and speed, meaning that animals supplemented with Crystalyx increase their forage intake. This is in contrary to other supplements that can simply displace other feeds.

## **Suitable for Grass Fed Animals**

Crystalyx can be fed to a variety of grass fed animals such as cattle, sheep, goats, deer, reindeer, alpacas, buffalo, bison and even elephants.

## **No Fillers**

No chemicals or fibre are added to aid cohesion.

## **Concentrated Energy Source**

Contains more energy than many other feed/mineral blocks.

## **Improved Feed Intake And Digestion**

Crystalyx improves ruminant rumen activity allowing livestock to consume more forage by up to 15%, and digest what they do eat more efficiently by as much as 10%.

## **Very Palatable**

Animals love it - even shy feeders readily consume Crystalyx.

## **Full Mineral Package**

Crystalyx products contain protein, vitamins, minerals and trace elements, meaning there is little need to offer any other supplements (unless specific clinical deficiency exists).

## **Economic**

The relatively low required intake means that Crystalyx products cost less per day than many other feed/mineral blocks.

## **Research Proven**

Crystalyx blocks are backed up by scientific research from all over the world, with research continually showing significant improvements in animal health, performance, fertility and productivity.

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# Why Feed Crystalyx?

**Crystalyx supplies a high energy form of supplementation to the main forage diets of cows, beef, sheep, goats, and deer in a very palatable form.**

The confidence in Crystalyx products comes from the extensive research that has been carried out over the last 25 years. Crystalyx has been trialled at some of the finest agricultural institutes in the world, such as Kansas State University, Newcastle University, University of Hannover, Aberystwyth University and AgResearch to name but a few. It is this independent research that give credibility to the benefits of Crystalyx, and allows livestock farmers to put their trust in Crystalyx products.

The success of Crystalyx blocks now means that they are sold in over 20 countries around the world, and give supplementation to the diets of tens of millions of livestock across the globe. It is the unique manufacturing process Crystalyx uses that allows for such a high quality product to be created. The process involves driving moisture out of the molasses over an extended period of time, allowing a naturally formed, hard low moisture product to be produced.

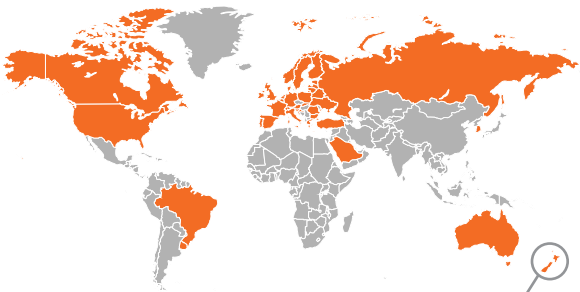
Crystalyx blocks are packed full of energy, protein, trace elements, minerals and vitamins, with the required intake often being less than half that of other blocks on the market. The relatively low required intakes means that Crystalyx blocks can last up to twice as long as other blocks. Crystalyx feed blocks are a convenient way of providing supplementation to livestock 24 hours a day.

The product is licked little and often, constantly supplementing the animal and stimulating the rumen bugs, making the best of home-grown forages and balancing forage deficiencies.



At Crystalyx we are confident that our product range gives livestock the opportunity to perform at their very best and in turn offer significant financial rewards to livestock farmers

## Crystalyx Worldwide



■ Availability by country



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# What's in Crystalyx?

## Dehydrated Molasses

Provides a very palatable and available form of energy which allows the rumen flora to utilise the nutritional value of forages at optimum levels. This increases the intake of dry matter and its digestibility when supplementing forage diets.

## Vegetable Oil

A high quality and palatable feed material which passes through the rumen to be digested and used directly by the animal. Vegetable oil provides the most concentrated form of energy of any feed material available - up to 3.5 times that found in cereals.

## Protein

The Crystalyx range contains differing levels of protein dependant on the role of the product in the overall diet. The forms used are urea for the optimum utilisation of fibre in the rumination process as well as prairie meal. The products formulated for organic farming do not contain any added protein sources.

## Minerals

All Crystalyx blocks include highly available forms of magnesium, phosphorus and calcium incorporated at optimum levels to enhance animal performance, meaning additional supplementation is often not required.

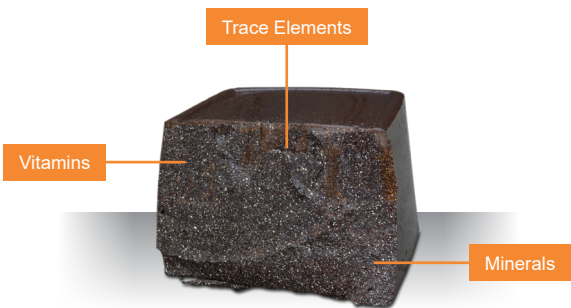
## Trace Elements

Essential trace elements are included at new improved levels in the Crystalyx range, with copper being included in the main Cattle products.

## Vitamins

The essential vitamins A, D3 and E are included to balance forage variability in all products.

**Crystalyx blocks  
are dehydrated feed licks  
containing a unique  
mix of:**



A Crystalyx block split in half showing the homogenized blend of ingredients contained within.

# What to Feed and When






## LIVESTOCK

	AUTUMN	WINTER
CALVES	EB	EB
HEIFERS, BULLS & STEERS	CATTLE BOOSTER	CATTLE BOOSTER
		PRE-CALVER
COWS IN CALF		BEET BALANCER
	CATTLE BOOSTER	
SHEEP	EXTRA HIGH ENERGY	EXTRA HIGH ENERGY

## ORGANIC SYSTEM

	AUTUMN	WINTER
CATTLE & GOATS	ORGANYX EXTRA	ORGANYX EXTRA

### KEY

-  Crystalyx Easy Breather
-  Crystalyx Cattle Booster
-  Crystalyx Pre-Calver
-  Crystalyx Beet Balancer
-  Crystalyx Organyx Extra

## LIVESTOCK

	SPRING	SUMMER
CALVES	EB	EB
HEIFERS, BULLS & STEERS	CATTLE BOOSTER	CATTLE BOOSTER
	CATTLE BOOSTER	
COWS IN CALF		PRE-CALVER
SHEEP	EXTRA HIGH ENERGY	EXTRA HIGH ENERGY

## ORGANIC SYSTEM

	SPRING	SUMMER
CATTLE & GOATS	ORGANYX EXTRA	ORGANYX EXTRA

## KEY

 Crystalyx Easy Breather

 Crystalyx Cattle Booster

 Crystalyx Pre-Calver

 Crystalyx Beet Balancer

 Crystalyx Organyx Extra

## Crystalux for Cattle



- Optimises performance by stimulating forage intakes and digestibility while providing all essential mineral, trace elements and vitamins
- Improves animal health and fertility, increasing pregnancy rates in heifers
- Increases DLWG by up to 36% allowing heifers to reach bulling weight earlier
- Reduce the risk of acidosis by stimulating saliva production to help maintain a stable rumen pH
- Helps buffer wet acidic silages and stimulate silage intakes
- Reduces loss of body condition in early lactation to optimise performance and fertility

### Feeding Guidelines



**Rates:** 2x 40kg tubs/40 cattle. 2x 22.5kg tubs/20 cattle.

**Typical intakes:** Growing cattle: 100-200g/day.

Lactating cows: 100-200g/day.

Available in 40kg and 22.5kg tubs.

Place a minimum of 2 tubs per group to avoid bullying.

# Cattle Booster



**Crystalyx Cattle Booster is a feed tub ideally suited for use in dairy, beef and deer farming systems, in both cases Cattle Booster has been shown (through University research trials) to increase forage intake and digestibility. Trials have concluded that Cattle Booster stimulates growth rates and improves overall health, fertility and milk quality in livestock.**

**Beef Farming:** Crystalyx Cattle Booster has undergone rigorous trials and research over the last 25 years, with results continually proving that Cattle Booster stimulates forage intake and digestion in cattle. Research at Kansas State University has confirmed that Cattle Booster increases forage intake by as much as **15%**, and increases digestion by a further **10%**.

The increase in forage intake and digestion has a direct effect on cattle daily live weight gain (DLWG), with a **25%** increase being noted in trials at Newcastle University. In the vast majority of trials done, Cattle Booster has more than doubled the investment by extra growth performance. i.e. for every **\$1** spent on the product, at least a **\$2** return was gained.

**Dairy Farming:** The ability to get the cow in calf and producing milk is of vital importance in any dairy enterprise, Crystalyx Cattle Booster contains high levels of selenium and copper which have an important role in improving fertility of dairy cows and breeding bulls. Research in Bandenburg, Germany showed a **15%** increase in pregnancy rates when Cattle Booster was trialled on dairy replacement heifers, and in separate trials Cattle Booster was proven to improve bull fertility by **24%** and improve (DLWG) by **36%**.

## Crystallyx for Cattle



- Optimises performance by stimulating forage intakes and digestibility while providing all essential mineral, trace elements and vitamins
- Maintains optimum blood magnesium levels to reduce the risk of milk fever and 'slow calvings'
- Supports and maintains a strong, healthy immune system
- Optimises calf health and vigour (more 'get up and go')
- Reduces the risk of difficult calvings and retained placenta
- Conditions cows during the pre-calving period to maintain optimum health so they transition more easily into lactation

### Feeding Guidelines



**Rates:** 2x 40kg tubs/40 cattle. 2x 22.5kg tubs/20 cattle.

**Typical intakes:** 200g/cow/day.

Available in 40kg and 22.5kg tubs.

Place a minimum of 2 tubs per group to avoid bullying.



# Pre-Calver



**Crystalyx Pre-Calver is perfect for feeding to both dairy and beef cows during the pre-calving period, as it provides a low calcium/high magnesium diet which greatly reduces the risk of milk fever and slow calving.**

**The increased levels of magnesium contained in Crystalyx Pre-Calver helps improve muscle tone. Inadequate levels can lead to slow calving syndrome where calving can be difficult and prolonged.**

**Pre-Calving:** Many cows receive no special attention during this most important period and are often expected to graze pasture in a cleaning up role. For a very small investment in Pre-Calver the forage diet can be supplemented to ensure there are no nutritional deficiencies and help the cow recover to optimum condition prior to calving.

Research carried out in New Zealand showed that giving access of Crystalyx Pre-Calver to dairy cows significantly reduced the incidences of milk fever, and the need for assisted calving.

The consistent and significant reduction in mastitis in early lactation, confirms the improved immunity when Pre-Calver is fed.

Research undertaken at the University of Parma has shown that Pre-Calver substantially increases colostrum production, leading to a **14%** increase in milk yield being recorded over the first **100** days.

## Crystalyx for Cattle



- Balances the key nutritional deficiencies typically seen in fodder beet diets
- Contains good levels of calcium and phosphorus
- Includes 5% magnesium - particularly important for pregnant cows
- Contains high levels of all essential trace elements and vitamins
- Palatable, even alongside fodder beet so intakes are regular and steady

### Feeding Guidelines



**Rates:** 2x 40kg tubs/40 cattle.

**Typical intakes:** 100-150g/cow/day.

Available in 40kg tubs.

Place a minimum of 2 tubs per group to avoid bullying.



# Beet Balancer

The use of fodder beet has long been used by New Zealand farmers as a high yielding crop that is fed throughout the winter months when grass growth is poor. High in sugar, fodder beet provides a quality source of energy and provides (20-30Tdm/ha). Whilst the crop offer high yields, supplementation to balance deficiencies is essential for rearing healthy profitable livestock.

Traditional use of winter crops has been by restricted intakes behind an electric fence, however, the typically high utilisation of grazed fodder beet (>90%) enables increased intakes to be achieved without progressively greater crop wastage.

Fodder beet can be grazed by either late pregnant beef or dairy cows or by growing youngstock. Fodder beet, like most bulb crops, is relatively low in major minerals, particularly calcium and phosphorus and very deficient in trace elements, requiring significant supplementation to maintain animal health and performance.

Crystalyx Beet Balancer has been formulated to complement and balance fodder beet diets when supplemented with adequate forage as a source of fibre.

## Crystalyx for Cattle



- Optimises performance by stimulating forage intakes and digestibility
- Fully approved 100% organic feed
- Improves animal health and performance
- Does not break up in cold wet conditions

### Feeding Guidelines



**Rates:** 2x 22.5kg tubs/20 cattle/40 goat.

**Typical intakes:** 100-200g/cow/day. 40-60g/goat/day.

Available in 22.5kg tubs.

Place a minimum of 2 tubs per group to avoid bullying.

# Organyx Extra

**Crystalyx Organyx Extra is 100% organic and suitable for Beef cattle, Dairy cattle and Goats.**

Organic livestock production is intended to “contribute to the equilibrium of agricultural production systems”. However, animal welfare must not be jeopardised in organic systems and regulations on organic farming recognise this by stating “in order to provide the basic nutritional requirements of livestock, certain minerals and trace elements may need to be used under well-defined conditions” such as when organic livestock producers can show evidence of mineral and trace element deficiencies in home-grown forages.

Crystalyx Organyx Extra is fully BioGro certified and contains both major minerals and added trace elements which is ideal to be fed either in house or at grass. Crystalyx Organyx Extra can be fed all year round and is ideal for flushing goats and cows/heifers during the service period.



## Crystalux for Sheep



- Optimises performance by stimulating forage intakes and digestibility while providing essential minerals, proteins, trace elements and vitamins
- Increases ovulation rates and lamb numbers at scanning
- Maintains ewe body condition during pregnancy to maximise lamb vitality and health
- Reduces the risk of twin lamb disease (sleepy sickness)
- Optimises lamb birth weight to produce healthy vigorous lambs
- Enhances ewe milk production for improved lamb daily weight gain
- Suitable for sheep, cattle, deer and goats
- Improves health and performance

### Feeding Guidelines



**Rates:** 2x 22.5kg tubs/40 sheep.

**Typical intakes:** 20-30g/ewe/day. 10-20g/lamb/day.

Available in 22.5kg tubs.

Place a minimum of 2 tubs per group to avoid bullying.

# Extra High Energy



**Crystalyx Extra High Energy** is a feed tub that can be used all year round to provide supplementation for ewes, rams and lambs. High in protein, energy and with a full complement of minerals, trace elements and vitamins, Extra High Energy and forage can be all you need to operate a highly effective and profitable sheep rearing system.

**Flushing and Topping:** Crystalyx Extra High Energy has been proven by Newcastle University and Kansas State University to increase forage intake by **15%** and forage digestion by **10%**, the increased intake and digestion is key in ensuring that ewes reach the correct body condition score quickly before mating with the ram. Over fat or thin ewes take longer to come on heat when rams are turned in, and the oestrus period is erratic with fewer eggs shed and are thus more likely to be barren.

**Mid Pregnancy Feeding:** Should aim to keep ewes in top condition, excessive loss of condition while pregnant will jeopardise placental development and reduce body reserves available for milk production. Trials conducted at Newcastle University found that ewes with access to Crystalyx Extra High Energy maintained better condition than ewes on grass alone, and their lambs subsequently had a **5%** higher growth rate.

**Late Pregnancy Nutrition:** A study undertaken by UniServices, University of Auckland showed a significant improvement in triplet lamb survival. Ewes that were supplemented with Crystalyx Extra High Energy from 2 weeks before set stocking until tailing recorded an 11% increase in lamb survival to tailing. A second study by SciLactis Ltd, showed a 10% increase in triplet lamb weaning weight when ewes were supplemented with EHE Crystalyx from 2 weeks before set stocking until tailing.

## Crystalyx for Calves and Sheep



- Helps keep airways clear and reduces stress
- A natural aid to help reduce coughing and respiratory irritation
- Helps calves and sheep regain their appetite after a stress or challenge
- A powerful natural aid to help calves and sheep resist respiratory challenges
- Reduces the risk of growth checks

### Feeding Guidelines



**Rates:** 1x 5kg tub/8-10 calves (under 3 mths).

2x 22.5kg tubs/20 older cattle/Sheep.

**Typical intakes:** 5g-10g/lamb/day. 20g-30g/calf/day.

20g-30g/sheep/day. 40g-60g/older calves/day.

Available in 22.5kg and 5kg tubs.

Place a minimum of 2 tubs per group to avoid bullying.



# Easy Breather



**Crystalyx Easy Breather is a feed lick specially designed with the intention to help alleviate stress and respiratory problems in calves and sheep. Respiratory problems in calves and sheep are most prevalent in autumn and winter. Containing menthol and eucalyptus Crystalyx Easy Breather offers a natural aid to maintain a healthy respiratory system.**

Calves and sheep, like children, are particularly prone to respiratory problems, as they have not developed any natural immunity to many infectious organisms. The severity of the problems can vary from a mild nasal discharge and coughing to severe pneumonia with some deaths. Crystalyx Easy Breather contains active and proven decongestants to help reduce coughing and respiratory irritation.

With a full complement of vitamins and trace elements, Crystalyx Easy Breather helps develop and maintain a strong healthy immune system.

Highly palatable Crystalyx Easy Breather helps calves and sheep regain their appetite after a stress or challenge. Dry feed intake is stimulated giving stronger more vigorous livestock that are better able to withstand a challenge.

## Crystalux for Deer



- Optimises performance by stimulating forage intakes and digestibility while providing all essential mineral, trace elements and vitamins
- Improves animal health and fertility
- Increases Daily Live Weight Gain
- Does not break up in cold wet conditions

### Feeding Guidelines



**Rates:** 2x 40kg tubs/50 hinds. 2x 22.5kg tubs/30 hinds.

**Typical intakes:** 50-100g/deer/day.

Available in 40kg and 22.5kg tubs.

Place a minimum of 2 tubs per group to avoid bullying.

# Cattle Booster - Deer

**Crystalyx Cattle Booster is an easy and effective way to enhance rumen function and improve stock health, to ensure deer get the most out of grass.**

Deer rely heavily on forages to provide the bulk of their nutrient requirements - but forage alone rarely provides a perfectly balanced diet. A correct balance of minerals, trace elements and vitamins is essential for the optimum health and performance of deer. Crystalyx Cattle Booster is a dehydrated molasses feed lick that contains energy (12 ME MJ/kgDM), protein, vitamins and minerals to help balance pasture nutrient deficiencies.

Crystalyx Cattle Booster has been shown to improve forage intake by up to 15% and enhance digestibility by as much as 10% on low quality pastures, which can lead to improved growth rates and live weight gain.

Crystalyx Cattle Booster works by increasing microbial activity in the rumen so deer get more out of their feed, supporting forage digestion, dry matter intake, trace element status, live weight gain and fertility.

Crystalyx Cattle Booster is highly palatable and available 24 hours a day, allowing deer to self-feed without the risk of over consumption, making effective nutrient supplementation both convenient and economical.

# Specifications

	Cattle Booster	Pre- Calver	Beet Balancer
Sugar	38	37	30
Oil %	6.0	2.5	2.0
Protein %	12.0	3.0	3.0
P. Equiv. Urea %	8.7	-	-
Fibre %	0.25	0.25	0.25
Ash %	27.0	35.0	43.0
ME MJ/kgDM	12.0	9.0	-

Minerals			
Calcium (Ca) %	4.0	-	6.0
Phosphorus (P) %	2.0	1.0	5.0
Magnesium (Mg) %	1.0	7.0	5.0
Sodium (Na) %	2.0	4.0	2.0

Trace Elements			
Copper mg/kg	700	1000	1000
Manganese mg/kg	800	2000	1000
Zinc mg/kg	1800	3000	2000
Iodine mg/kg	60	200	60
Cobalt mg/kg	12	20	20
Selenium mg/kg	10	20	15

Vitamins			
Vitamin A iu/kg	75,000	150,000	150,000
Vitamin D3 iu/kg	15,000	30,000	30,000
Vitamin E mg/kg	150	2,500	500
Vitamin C mg/kg	-	-	-
Vitamin B12 mcg/kg	-	-	-

## Product Information

	Organyx Extra	Extra High Energy	Easy Breather
Sugar	37	38	40
Oil %	2.0	14.0	6.0
Protein %	2.5	12.0	6.5
P. Equiv. Urea %	-	5.0	-
Fibre %	0	0.25	0.25
Ash %	30.0	17.5	22.5
ME MJ/kgDM	10	16.0	-

### Minerals

Calcium (Ca) %	4.0	3.0	2.0
Phosphorus (P) %	2.0	1.0	1.5
Magnesium (Mg) %	3.5	0.25	0.4
Sodium (Na) %	2.5	-	2.3

### Trace Elements

Copper mg/kg	1000	-	-
Manganese mg/kg	-	900	800
Zinc mg/kg	1200	1800	1200
Iodine mg/kg	40	60	6
Cobalt mg/kg	24	16	-
Selenium mg/kg	20	9	5

### Vitamins

Vitamin A iu/kg	-	100,000	25,000
Vitamin D3 iu/kg	-	20,000	4,000
Vitamin E mg/kg	-	1000	3,000
Vitamin C mg/kg	-	-	3,000
Vitamin B12 mcg/kg	-	-	220

# Intake Requirement Calculator

(Per month)

## SHEEP

Number of Ewes	Tub Size	Intake (grams per day)					
		20g	30g	40g	50g	60g	70g
100	22.5 Kg	3	5	6	7	9	10
200	22.5 Kg	6	9	12	14	17	19
500	22.5 Kg	14	21	28	35	42	47
1000	22.5 Kg	28	42	56	70	83	95

## Approx days one Crystalyx Tub will last

Number of Ewes	Tub Size	Intake (grams per day)					
		20g	30g	40g	50g	60g	70g
20	22.5 Kg	56 days	37 days	28 days	22 days	18 days	16 days

## CATTLE

Number of Cattle	Tub Size	Intake (grams per day)					
		100g	150g	200g	250g	300g	350g
20	22.5 Kg	3	5	6	7	9	10
	40 Kg	2	4	4	4	6	6
50	22.5 Kg	7	11	14	18	21	25
	40 Kg	4	6	8	10	12	14
100	22.5 Kg	14	21	28	35	42	49
	40 Kg	8	12	16	20	24	28
200	22.5 Kg	28	42	56	69	84	97
	40 Kg	16	24	32	40	48	56

## Approx days one Crystalyx Tub will last

Number of Cattle	Tub Size	Intake (grams per day)					
		100g	150g	200g	250g	300g	350g
10	22.5 Kg	22 days	15 days	11 days	9 days	7 days	6 days
15	40 Kg	27 days	18 days	13 days	11 days	9 days	8 days



**Crystalx**

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