

## **SHEEP CONTENTS**

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### **LOW MOISTURE BLOCKS**

*Crystalyx® Sheep-lyx™*  
*Masterlyx™ 18% All-Purpose Block*

### **PRESSED BLOCKS**

*Sweetlix® All-In-One*



# GROBER® LAMB-GRO 22:22:25 LAMB MILK REPLACER

FOR ARTIFICIALLY REARING  
REPLACEMENT EWE LAMBS  
& MEAT LAMBS

LAMB MILK REPLACER

Grober Lamb-Gro 22:22:25 Lamb Milk Replacer is an economical choice designed to be fed after three days of age to replacement ewe lambs and meat lambs.

## MIXING DIRECTIONS:

1. Weigh 190 g of powder per litre of solution.
2. Mix with 0.5 litres warm water (60°C) using a whisk, for three minutes.
3. Add 0.45 litres cold water and mix again (total 1 litre).
4. Feed the milk replacer solution at body temperature (approximately 38 to 40°C)

*Lamb-Gro can also be used with automatic milk distribution systems, which mixes thoroughly the powder with water at 42 to 45°C.*

## FEEDING SCHEDULE:

This schedule is only a guideline and should be adjusted to the needs of the lamb. Approximately 8 kg of milk replacer will be consumed per kid. The newborn lamb should receive 150 ml/kg bodyweight of colostrum (approx 600 ml). The sooner lambs receive colostrum the more effective the absorption of antibodies (protection against disease). If maternal colostrum is not available or to protect against disease transfer use a good quality colostrum replacer.

Lamb Age	Feedings per day	Mixed Milk Replacer Solution per Feeding (mls)
days 1 (colostrum)	4	200
days 2–4	4	200
days 5–7	4	300
days 8–14	3	500
weeks 3–4	3	600
weeks 5–6	2	700
weeks 7–8	1	700

## FEEDING TIPS:

1. Frequent feeding of small amounts will decrease digestive upsets.
2. Reconstituted Lamb-Gro may be refrigerated up to 24 hours. Discard unused portion after 24 hours.
3. Free choice milk is served at room temperature; do not leave lamb bar empty for more than two hours.
4. Clean ALL feeding utensils and equipment after each feeding: rinse in lukewarm water, wash with a detergent in hot (80°C) water, rinse with clean water (ideally a 5 to 10% bleach solution daily) and dry thoroughly with a clean towel.
5. Fresh, clean water should be available at all times.
6. When lambs are consuming approximately 120 to 150 g of concentrate ration per day, weaning may begin. A gradual weaning process will reduce stress and weight loss at that time.

*This feed contains added Selenium at 0.3 mg/kg.*

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	22.0%
Crude Protein from milk sources (minimum) .....	22.0%
Crude Fat (minimum) .....	25.0%
Crude Fiber (maximum).....	0.15%
Ash (maximum) .....	7.0%
Calcium (actual).....	0.85%
Phosphorus (actual) .....	0.7%
Sodium (actual) .....	0.45%
Vitamin A (minimum) .....	60,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	4,000 IU/kg
Vitamin E (minimum) .....	150 IU/kg

Net Weight 5 kg | 10 kg | 20 kg  
Product #: 550004 | 550005 | 550006

# GROBER®

## LAMB-GRO A+

### 22:22:28 ACIDIFIED LAMB MILK REPLACER

FOR ARTIFICIALLY REARING  
REPLACEMENT EWE LAMBS  
& MEAT LAMBS

Grober Lamb-Gro A+ 22:22:28 Acidified Lamb Milk Replacer features a blend of acids for steadier pH in the abomasum. This milk replacer drops the pH level in the stomach and small intestine for pathogenic control. As a result, digestion and nutrition are enhanced while promoting growth and health.

#### MIXING DIRECTIONS:

1. Weigh 190 g of powder per litre of solution.
2. Mix with 0.5 litres warm water (60°C) using a whisk, for three minutes.
3. Add 0.45 litres cold water and mix again (total 1 litre).
4. Feed the milk replacer solution at body temperature (approximately 40°C)

*Lamb-Gro A+ can also be used with automatic milk distribution systems, which mixes thoroughly the powder with water at 40 to 45°C.*

#### FEEDING SCHEDULE:

This schedule is only a guideline and should be adjusted to the needs of the lamb. Approximately 8 kg of milk replacer will be consumed per kid. The newborn lamb should receive 150 ml/kg bodyweight of colostrum (approx 600 ml). The sooner lambs receive colostrum the more effective the absorption of antibodies (protection against disease). If maternal colostrum is not available or to protect against disease transfer use a good quality colostrum replacer.

Lamb Age	Feedings per day	Mixed Milk Replacer Solution per Feeding (mls)
days 1 (colostrum)	4	200
days 2–4	4	200
days 5–7	4	300
days 8–14	3	500
weeks 3–4	3	600
weeks 5–6	2	700
weeks 7–8	1	700

#### FEEDING TIPS:

1. Frequent feeding of small amounts will decrease digestive upsets.
2. Reconstituted Lamb-Gro A+ may be refrigerated up to 24 hours. Discard unused portion after 24 hours.
3. Free choice milk is served at room temperature; do not leave lamb bar empty for more than two hours.
4. Clean ALL feeding utensils and equipment after each feeding: rinse in lukewarm water, wash with a detergent in hot (80°C) water, rinse with clean water (ideally a 5 to 10% bleach solution daily) and dry thoroughly with a clean towel.
5. Fresh, clean water should be available at all times.
6. When lambs are consuming approximately 120 to 150 g of concentrate ration per day, weaning may begin. A gradual weaning process will reduce stress and weight loss at that time.

*This feed contains added Selenium at 0.3 mg/kg.*

#### GUARANTEED ANALYSIS

Crude Protein (minimum).....	22.0%
Crude Protein from milk sources (minimum) .....	22.0%
Crude Fat (minimum) .....	28.0%
Crude Fiber (maximum).....	0.15%
Ash (maximum) .....	8.0%
Calcium (actual).....	0.8%
Phosphorus (actual) .....	0.6%
Sodium (actual) .....	0.45%
Vitamin A (minimum) .....	55,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	4,000 IU/kg
Vitamin E (minimum) .....	150 IU/kg

Net Weight 20 kg  
Product #: 550010

# GROBER® DAIRY-LAMB 24:24:35 LAMB MILK REPLACER

FOR REPLACEMENT MILKING  
EWES & REPLACEMENT FEEDING  
FOR MULTIPLE-BIRTH LAMBS

DAIRY LAMB MILK REPLACER

Grober Dairy-Lamb 24:24:35 Lamb Milk Replacer is formulated to increase your flock's total milk yield. It is fortified with nutrients to ensure development of strong udder attachment and contains increased protein and energy to maximize growth potential. This feed is an excellent choice for automatic feeders.

## DIRECTIONS FOR USE:

Feed at a concentration of 180 grams per litre. Gradually increase the amount being offered to lambs. Consult your Materfeeds Account Manager for more details on how to increase the quantity of milk offered. The suggested feeding program should be considered as a minimum. Approximately 8 kg of milk replacer will be consumed per lamb by the time they wean.

Lamb Age	Feedings per day	Mixed Milk Replacer Solution per Feeding (mls)
days 2–4	4	200
days 5–7	4	300
days 8–14	3	500
week 3	3	600
week 4	2	700
week 5	1	700

## FEEDING TIPS:

1. Start feeding milk replacer once newborn has received colostrum, approximately four feedings of 200 ml each.
2. Quantities offered should be adjusted to weight, increasing gradually from birth to weaning.
3. Any change in the feeding schedule should be done with judgment, according to growth, size and stool consistency.
4. Frequent feeding of small amounts decreases chances of digestive upsets.
5. Free-choice milk is served at room temperature; do not leave lamb bar empty for more than two hours.

6. Teats should be at 40 to 45 cm (16 to 18") above the stall floor.
7. Clean ALL feeding utensils and equipment after each feeding: rinse in lukewarm water, wash with a detergent in hot water, rinse with clean water (ideally a 5 to 10% bleach solution once a day) and dry thoroughly with a 'clean' towel.
8. Introduce a quality lamb creep ration (17 to 20% CP) from four days of age: offer small quantities twice daily.
9. Offer good quality roughage at two weeks of age. Do not feed silage before six weeks of age.
10. Fresh, clean water should be always available, particularly when consuming a significant amount of solids.
11. When the lamb is consuming a minimum of 120 to 150 g of creep ration per day for more the two consecutive days, the weaning process can be initiated. Suggested weaning weight is about 12 kg.

*This feed contains added Selenium at 0.15 mg/kg.*

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	24.0%
Crude Protein from milk sources (minimum) .....	24.0%
Crude Fat (minimum) .....	35.0%
Crude Fiber (maximum).....	0.15%
Ash (maximum) .....	7.5%
Calcium (actual).....	0.85%
Phosphorus (actual) .....	0.7%
Sodium (actual) .....	0.6%
Vitamin A (minimum) .....	60,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	4,000 IU/kg
Vitamin E (minimum) .....	150 IU/kg

**Net Weight 20 kg**  
**Product #: 550705**

# 20% LAMB STARTER MEDICATED RATION (MINI-PELLET) | FOR YOUNG LAMBS

Masterfeeds GoalMaker 20% Lamb Starter Medicated Ration (mini-pellet) is a complete palatable feed for starting lambs. Contains no added copper.

## FEEDING DIRECTIONS:

Feed as a complete feed to lambs along with forage. Changes to the feeding program should be made gradually for adaptation to take place. For more information contact your Masterfeeds Account Manager.

## FEATURES & BENEFITS:

### **20% protein.**

*High protein to promote early frame development.*

### **Contains ammonium chloride.**

*Helps prevent and avoid problems with urinary calculi.*

### **Ideal mineral levels.**

*Formulated specifically for sheep to maximize growth and avoid copper toxicity.*

### **Optimum vitamin E and Selenium levels.**

*Optimum performance and prevention of white muscle disease.*

### **Mini-pellet.**

*Unique form better suited to small animals increases early feed intake and growth.*

### **Medicated with Avatec®.**

*Prevention of coccidiosis and growth promotion.*

*This feed contains added Selenium at 0.3 mg/kg.*

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	20.0%
Crude Fat (minimum) .....	3.5%
Crude Fiber (maximum).....	14.0%
Calcium (actual).....	1.0%
Phosphorus (actual) .....	0.3%
Sodium (actual) .....	0.44%
Vitamin A (minimum) .....	5,000 IU/kg
Vitamin D (minimum) .....	900 IU/kg
Vitamin E (minimum) .....	56 IU/kg

**Net Weight 25 kg**  
**Product #: 553004**

# 18%

## LAMB STARTER/GROWER MEDICATED RATION (MINI-PELLET)

## FOR YOUNG LAMBS

MEDICATED LAMB RATION

Masterfeeds GoalMaker 18% Lamb Starter/Grower Medicated Ration (mini-pellet) is a complete palatable feed for starting lambs. Contains no added copper.

### FEEDING DIRECTIONS:

Feed as a complete feed to lambs along with forage. Changes to the feeding program should be made gradually for adaptation to take place. For more information contact your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

#### **18% protein.**

*High protein to promote early frame development.*

#### **Contains ammonium chloride.**

*Helps prevent and avoid problems with urinary calculi.*

#### **Ideal mineral levels.**

*Formulated specifically for sheep to maximize growth and avoid copper toxicity.*

#### **Optimum vitamin E and Selenium levels.**

*Optimum performance and prevention of white muscle disease.*

#### **Mini-pellet.**

*Unique form better suited to small animals increases early feed intake and growth.*

#### **Medicated with Avatec®.**

*Prevention of coccidiosis and growth promotion.*

*This feed contains added Selenium at 0.3 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	18.0%
Crude Fat (minimum) .....	2.4%
Crude Fiber (maximum).....	13.0%
Calcium (actual).....	1.0%
Phosphorus (actual) .....	0.4%
Sodium (actual) .....	0.45%
Vitamin A (minimum) .....	3,600 IU/kg
Vitamin D (minimum) .....	1,000 IU/kg
Vitamin E (minimum) .....	55 IU/kg

Net Weight 25 kg  
Product #: 553005



**Masterfeeds** Sheep & Goat Nutrition  
an Alltech company

# 16%

## LAMB STARTER/GROWER MEDICATED RATION (TEXTURIZED)

## FOR GROWING LAMBS

Masterfeeds GoalMaker 16% Lamb Starter/Grower Medicated Ration (texturized) is a complete palatable feed for starting lambs. Contains no added copper.

### FEEDING DIRECTIONS:

Feed as a complete feed to lambs along with forage. Changes to the feeding program should be made gradually for adaptation to take place. For more information contact your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

#### **16% protein.**

*Adequate protein level to promote early frame development.*

#### **Contains ammonium chloride.**

*Helps prevent and avoid problems with urinary calculi.*

#### **Ideal mineral levels.**

*Formulated specifically for sheep to maximize growth and avoid copper toxicity.*

#### **Optimum vitamin E and Selenium levels.**

*Optimum performance and prevention of white muscle disease.*

#### **Texturized.**

*The coarse texture along with molasses and flaked corn helps to promote early feed intake.*

#### **Medicated with Avatec®.**

*Prevention of coccidiosis and growth promotion.*

*This feed contains added Selenium at 0.3 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	16.0%
Crude Fat (minimum) .....	3.1%
Crude Fiber (maximum).....	5.0%
Calcium (actual).....	1.1%
Phosphorus (actual) .....	0.2%
Sodium (actual) .....	0.24%
Vitamin A (minimum) .....	9,000 IU/kg
Vitamin D (minimum) .....	1,600 IU/kg
Vitamin E (minimum) .....	100 IU/kg

**Net Weight 25 kg**

**Product #: PLAIN – 553013**

**MEDICATED – 553007**



# 16%

LAMB GROWER/FINISHER  
MEDICATED RATION

## FOR FINISHING HEAVY LAMBS

Masterfeeds GoalMaker 16% Lamb Grower/Finisher Medicated Ration (pellet) is a complete palatable feed for finishing heavy lambs. Contains no added copper. A plain version may be available at some locations.

### FEEDING DIRECTIONS:

Feed this medicated feed continuously as the sole ration while lambs are in the feedlot. Changes to the feeding program should be made gradually for adaptation to take place. For more information contact your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

**16% protein.**

*High protein to promote frame development.*

**Contains ammonium chloride.**

*Helps prevent and avoid problems with urinary calculi.*

**Ideal mineral levels.**

*Formulated specifically for sheep to maximize growth and avoid copper toxicity.*

**Optimum vitamin E and Selenium levels.**

*Optimum performance and prevention of white muscle disease.*

**Medicated with Deccox®.**

*Prevention of coccidiosis and growth promotion.*

*This feed contains added Selenium at 0.3 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	16.0%
Crude Fat (minimum) .....	3.3%
Crude Fiber (maximum).....	13.0%
Calcium (actual).....	1.3%
Phosphorus (actual) .....	0.4%
Sodium (actual) .....	0.51%
Vitamin A (minimum) .....	8,000 IU/kg
Vitamin D (minimum) .....	1,400 IU/kg
Vitamin E (minimum) .....	62 IU/kg

Net Weight 25 kg

Product #: PLAIN – 553050

MEDICATED – 551080

# 14% LAMB FINISHER MEDICATED RATION (PELLETS) | FOR YOUNG LAMBS

Masterfeeds GoalMaker 14% Lamb Finisher Medicated Ration (pellet) is a complete palatable feed for starting lambs. Contains no added copper.

## FEEDING DIRECTIONS:

Feed as a complete feed to lambs along with forage. Changes to the feeding program should be made gradually for adaptation to take place. For more information contact your Masterfeeds Account Manager.

## FEATURES & BENEFITS:

### **14% protein.**

*Lower protein to promote a good finish in heavy lambs.*

### **Contains ammonium chloride.**

*Helps prevent and avoid problems with urinary calculi.*

### **Ideal mineral levels.**

*Formulated specifically for sheep to maximize growth and avoid copper toxicity.*

### **Optimum vitamin E and Selenium levels.**

*Optimum performance and prevention of white muscle disease.*

### **Medicated with Avatec®.**

*Prevention of coccidiosis and growth promotion.*

*This feed contains added Selenium at 0.3 mg/kg.*

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	14.0%
Crude Fat (minimum) .....	3.2%
Crude Fiber (maximum).....	13.0%
Calcium (actual).....	1.0%
Phosphorus (actual) .....	0.4%
Sodium (actual) .....	0.46%
Vitamin A (minimum) .....	8,000 IU/kg
Vitamin D (minimum) .....	1,400 IU/kg
Vitamin E (minimum) .....	57 IU/kg

**Net Weight 25 kg**

**Product #: PLAIN – 553012**

**MEDICATED – 553006**



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Sheep & Goat Nutrition

# 38:5

LAMB GROWER/FINISHER  
MEDICATED SUPPLEMENT

FOR FINISHING  
HEAVY LAMBS

MEDICATED LAMB SUPPLEMENT

Masterfeeds GoalMaker 38:10 Lamb Grower/Finisher Medicated Supplement is specifically designed to be fed with whole corn to lambs being fed for the heavy lamb market. Contains no added copper.

## FEEDING DIRECTIONS:

Thoroughly mix the supplement in the total daily diet or in the complete feed (grain portion of the ration) before use. Do not feed undiluted. Changes to the feeding program should be made gradually for adaptation to take place. For more information contact your Masterfeeds Account Manager.

## FEATURES & BENEFITS:

### **38% protein.**

*To be mixed with on-farm grains.*

### **Contains ammonium chloride.**

*Helps prevent and avoid problems with urinary calculi.*

### **Ideal mineral levels.**

*Formulated specifically for sheep to maximize growth and avoid copper toxicity.*

### **Optimum vitamin E and Selenium levels.**

*Optimum performance and prevention of white muscle disease.*

### **Contains urea.**

*Takes advantage of the ability of rumen bacteria to convert urea to protein very economically.*

### **Medicated with Avatec®.**

*Prevention of coccidiosis and growth promotion.*

*This feed contains added Selenium at 1.2 mg/kg.*

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	38.0%*
Crude Fat (minimum) .....	4.2%
Crude Fiber (maximum).....	5.0%
Calcium (actual).....	4.0%
Phosphorus (actual) .....	0.7%
Magnesium (actual).....	0.3%
Sulfur (actual).....	0.3%
Sodium (actual) .....	0.83%
Potassium (actual) .....	1.3%
Iodine (actual) .....	6 mg/kg
Iron (actual).....	140 mg/kg
Manganese (actual) .....	313 mg/kg
Zinc (actual).....	348 mg/kg
Cobalt (actual) .....	2 mg/kg
Fluorine (maximum) .....	2 mg/kg
Vitamin A (minimum) .....	39,000 IU/kg
Vitamin D (minimum) .....	6,500 IU/kg
Vitamin E (minimum) .....	200 IU/kg

*\*Equivalent crude protein from non-protein sources  
(maximum) 5.0%*

Net Weight 25 kg  
Product #: 553002



Masterfeeds<sup>®</sup> Sheep & Goat Nutrition  
an Alltech<sup>®</sup> company

# MARKET LAMB

TRT PREMIX

## FOR GROWING LAMBS POST WEANING TO MARKET

Masterfeeds GoalMaker Market Lamb TRT Premix is a complete palatable premix for growing lambs post weaning to market. Contains no added copper.

### FEEDING DIRECTIONS:

Masterfeeds GoalMaker Market Lamb Premix is designed to be mixed with on farm grains and protein ingredients. Provide at least 15 grams of this premix per head per day. Intake will vary depending on the weight of the animal. For more specific feeding directions, please contact your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

#### **Balanced.**

*Mineral levels are balanced to match the most popular grain and forage feeding programs.*

#### **High quality mineral sources.**

*Ingredients used in this product are highly available to the animal providing superior performance.*

#### **Total Replacement Technology**

**(TRT).** Achieved through the inclusion of chelated trace minerals in the form of Bioplex® and Sel-Plex®, TRT replaces all inorganic sources of trace minerals and Selenium. Alltech Minerals are readily absorbed, stored and utilized by the ewe helping her meet nutritional requirements, maximize growth, achieve optimal health and avoid copper toxicity.

#### **Optimum vitamin E and Selenium levels.**

*Optimum performance and prevention of white muscle disease.*

*This feed contains added Selenium at 20.0 mg/kg.*

### GUARANTEED ANALYSIS

Calcium (actual).....	19.9%
Phosphorus (actual) .....	4.0%
Magnesium (actual).....	6.0%
Sulfur (actual).....	0.9%
Sodium (actual) .....	7.91%
Potassium (actual) .....	0.6%
Iodine (actual) .....	50 mg/kg
Iron (actual).....	1,481 mg/kg
Manganese (actual).....	1,684 mg/kg
Zinc (actual).....	2,526 mg/kg
Cobalt (actual) .....	20 mg/kg
Fluorine (maximum).....	314 mg/kg
Vitamin A (minimum) .....	500,000 IU/kg
Vitamin D (minimum) .....	100,000 IU/kg
Vitamin E (minimum) .....	2,500 IU/kg

FORMULATED  
WITH ALLTECH®  
TECHNOLOGY

**Net Weight 25 kg**

**Product #: PLAIN – 553035**

**DECCOX® – 553036 | AVATEC® – 553037 | RUMENSIN® – 553040**

# 13% OR 16% EWE RATION (PELLET)

FOR EWES TWO TO THREE  
WEEKS PRIOR TO LAMBING  
& THROUGH LACTATION

EWE RATION

Masterfeeds GoalMaker 13% or 16% Ewe Ration (pellet) is a complete palatable feed for ewes two to three weeks prior to lambing and through lactation. After lambing, feed based on the number of lambs being nursed, body condition of ewes and forage quality.

## FEEDING DIRECTIONS:

Feed starting two to three weeks prior to lambing after lambing feed based on the number of lambs being nursed, body condition of the ewes and forage quality. Feed as a complete feed to lambs along with forage. Changes to the feeding program should be made gradually for adaptation to take place. For more information contact your Masterfeeds Account Manager.

## FEATURES & BENEFITS:

### **13% protein.**

*Matches well with most on farm legume and grass forages.*

### **Economical.**

*Provides the energy required to raise strong healthy lambs using economical ingredients.*

### **Ideal mineral levels.**

*Formulated specifically for sheep to maximize growth and avoid copper toxicity.*

### **Optimum vitamin E and Selenium levels.**

*Optimum performance and prevention of white muscle disease.*

### **Pelleted.**

*Prevents waste and promotes optimum intake.*

*This feed contains added Selenium at 0.3 mg/kg.*

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	13.0%
Crude Fat (minimum) .....	3.1%
Crude Fiber (maximum).....	12.0%
Calcium (actual) .....	1.0%
Phosphorus (actual) .....	0.5%
Sodium (actual) .....	0.35%
Vitamin A (minimum) .....	10,000 IU/kg
Vitamin D (minimum) .....	1,650 IU/kg
Vitamin E (minimum) .....	60 IU/kg

Net Weight 25 kg  
Product #: 13% – 553003 | 16% – 551092

 **Masterfeeds** Sheep & Goat Nutrition  
an Alltech company

**36%****SHEEP SUPPLEMENT NU  
(PELLET)****FOR MATURE SHEEP  
& GROWING LAMBS**

Masterfeeds GoalMaker 36% Sheep Supplement (pellet) with no urea is designed to be mixed with on farm grains to produce a balanced ewe ration. Contains no added copper.

**FEEDING DIRECTIONS:**

**For mature sheep** – mix with grain and feed as to provide 0.35 kg of this product per head per day.

**For growing lambs** – mix with grain and feed as to provide 0.15 kg of this product per head per day.

**FEATURES & BENEFITS:****36% protein.**

*High quality protein ingredients to meet ewe and growing lamb requirements.*

**Contains ammonium chloride.**

*Helps prevent and avoid problems with urinary calculi.*

**Ideal mineral levels.**

*Formulated specifically for sheep to maximize growth and avoid copper toxicity.*

**Optimum vitamin E levels and Sel-Plex® – organic Selenium.**

*Enhanced health and prevention of white muscle disease in nursing lambs.*

**Yea-Sacc®<sup>1026</sup>.**

*Live yeast cells that stimulate the growth of ruminal bacteria, improves rumen fermentation, fiber digestion and feed efficiency.*

**Pelleted.**

*Particle size to match with on farm grains while optimizing intake.*

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*This feed contains added Selenium at 2.0 mg/kg.*

**GUARANTEED ANALYSIS**

Crude Protein (minimum).....	36.0%
Crude Fat (minimum) .....	3.2%
Crude Fiber (maximum).....	5.0%
Calcium (actual).....	3.5%
Phosphorus (actual) .....	0.8%
Magnesium (actual).....	1.0%
Sulfur (actual).....	0.4%
Sodium (actual) .....	0.84%
Potassium (actual) .....	1.7%
Iodine (actual) .....	8 mg/kg
Iron (actual).....	231 mg/kg
Copper (actual).....	15 mg/kg
Manganese (actual).....	355 mg/kg
Zinc (actual).....	430 mg/kg
Cobalt (actual) .....	3 mg/kg
Vitamin A (minimum) .....	37,000 IU/kg
Vitamin D (minimum) .....	6,200 IU/kg
Vitamin E (minimum) .....	260 IU/kg

**Net Weight 25 kg**  
**Product #: 551095**



**Masterfeeds** Sheep & Goat Nutrition  
an Alltech company

# PREMIER SHEEP MINERAL

FOR SHEEP & LAMBS AT  
ALL STAGES OF PRODUCTION

SHEEP MINERAL

Masterfeeds GoalMaker Premier Sheep Mineral is a mineral supplement designed to be fed free-choice to mature ewes and ewe lambs. Contains no added copper.

## FEEDING DIRECTIONS:

Masterfeeds GoalMaker Premier Sheep Mineral is designed to be offered free-choice to ewes and ewes with lambs as the sole source of mineral and salt while feeding on pasture or stored forage in a dry lot. Control free choice feeding of this mineral up to 10 grams per head per day.

## FEATURES & BENEFITS:

**Balanced.** Mineral levels are balanced to match the most popular forage feeding programs.

**High Quality Mineral Sources.** Ingredients used in this product are highly available to the animal providing superior performance.

**Ideal mineral levels.** Formulated specifically for sheep to maximize growth and avoid copper toxicity.

**Optimum vitamin E and selenium levels.** Optimum performance and prevention of white muscle disease.

*This feed contains added Selenium at 30.0 mg/kg.*

## GUARANTEED ANALYSIS

Calcium (actual).....	13.8%
Phosphorus (actual) .....	11.3%
Magnesium (actual).....	1.0%
Sodium (actual) .....	5.8%
Iodine (actual) .....	25 mg/kg
Iron (actual).....	5,8000 mg/kg
Copper (actual).....	0 mg/kg
Manganese (actual) .....	2,000 mg/kg
Zinc (actual).....	2,5000 mg/kg
Cobalt (actual) .....	10 mg/kg
Fluorine (maximum) .....	1,000 mg/kg
Vitamin A (minimum) .....	660,000 IU/kg
Vitamin D (minimum) .....	66,000 IU/kg
Vitamin E (minimum) .....	1,320 IU/kg

Net Weight 25 kg  
Product #: 553008



Masterfeeds<sup>®</sup> Sheep & Goat Nutrition  
an Alltech<sup>®</sup> company

# TRT SHEEP PREMIX

## FOR THE FLOCK

Masterfeeds GoalMaker TRT Sheep Premix is a complete palatable premix for sheep. Contains no added copper.

### FEEDING DIRECTIONS:

Masterfeeds GoalMaker TRT Sheep Premix is designed to provide sheep with a high level of vitamins, minerals and salt while feeding in a dry lot. Mix with on-farm grains to provide 15 grams of premix to young ewe lambs, 25 grams of premix to dry ewes and 33 grams of premix to lactating ewes.

### FEATURES & BENEFITS:

#### **Balanced.**

*Mineral levels are balanced to match the most popular grain and forage feeding programs.*

#### **High quality mineral sources.**

*Ingredients used in this product are highly available to the animal providing superior performance.*

#### **Total Replacement Technology**

**(TRT).** Achieved through the inclusion of chelated trace minerals in the form of Bioplex® and Sel-Plex®, TRT replaces all inorganic sources of trace minerals and Selenium. Alltech Minerals are readily absorbed, stored and utilized by the ewe helping her meet nutritional requirements, maximize growth, achieve optimal health and avoid copper toxicity.

#### **Optimum vitamin E and Selenium levels.**

*Optimum performance and prevention of white muscle disease.*

#### **Contains Molybdenum.**

*Helps prevent copper toxicity.*

*This feed contains added Selenium at 24.0 mg/kg.*

### GUARANTEED ANALYSIS

Calcium (actual).....	17.8%
Phosphorus (actual) .....	4.0%
Magnesium (actual).....	7.0%
Sulfur (actual).....	0.8%
Sodium (actual) .....	10.5%
Potassium (actual) .....	0.5%
Iodine (actual) .....	60 mg/kg
Iron (actual).....	1,585 mg/kg
Manganese (actual).....	1,680 mg/kg
Zinc (actual).....	2,800 mg/kg
Cobalt (actual) .....	25 mg/kg
Fluorine (maximum) .....	212 mg/kg
Vitamin A (minimum) .....	500,000 IU/kg
Vitamin D (minimum) .....	50,000 IU/kg
Vitamin E (minimum) .....	2,500 IU/kg



**Net Weight 25 kg**  
**Product #: 553030**



**Masterfeeds** Sheep & Goat Nutrition  
an Alltech company





# SHEEP-LYX™

FOR SHEEP OF ALL AGES

Crystalyx Sheep-lyx is a protein, mineral and vitamin supplement specifically designed to meet the unique nutritional requirements of sheep. Sheep-lyx combines solid nutrition with exceptional palatability to ensure consistent consumption across the entire flock.

## FEEDING DIRECTIONS:

Crystalyx brand Sheep-Lyx is designed for self-feeding to all classes of sheep.

Place containers in areas that achieve desired supplement intake. Once acceptable levels have been achieved, the container may be moved to under-utilized pasture areas to improve grazing distribution and forage utilization. Feed at the rate of one (1) container for every 15 to 30 head. A minimum of two (2) containers may be required in each lot or pasture to ensure proper accessibility. Free-choice consumption will depend on the size and age of the animals fed, seasonal weather conditions, as well as, quality source and availability of other feeds. Goats and sheep typically consume between 50 to 150 grams per-head, per day.

All consumption figures stated here are approximate. Provide free access to fresh, clean water at all times. Crystalyx brand Sheep-lyx contains no salt. Provide salt free-choice.

## FEATURES & BENEFITS:

### **Highly palatable.**

*To encourage constant consumption of protein, minerals and vitamins while on pasture.*

### **Excellent supplement.**

*Used during breeding and lambing seasons to supplement existing nutritional programs.*

### **No added copper formula.**

*Safe for all breeds of sheep.*

### **Contains All-Brew®.**

*Supports gut integrity and builds defenses as well as supports nutrient transfer during lactation.*

### **Contains BioPlex®, Zinc and Manganese.**

*Organic trace minerals that provide nutrition in a form as close to nature as possible.*

### **Contains Sel-Plex®.**

*50% of the Selenium guarantee from Sel-Plex, a proprietary, organic form of Selenium Yeast, which is the most proven form of organic Selenium.*

## ADVANTAGES OVER DRY BAGGED MINERALS:

Does not need salt or other ingredients to attract cattle to supplement or help in regulating intake.

Wind proof, water proof, waste proof.

Research results demonstrate significantly more cattle visited Crystalyx than dry loose mineral feeders.

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***This feed contains added Selenium at 6.0 mg/kg.***

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	16.0%
Crude Fat (minimum) .....	4.0%
Crude Fiber (maximum).....	3.0%
Calcium (actual).....	1.7%
Phosphorus (minimum).....	1.0%
Magnesium (minimum).....	1.0%
Sodium (none added).....	0.0%
Potassium (actual).....	2.0%
Iodine (minimum).....	60 mg/kg
Copper (actual).....	15 mg/kg
Manganese (actual).....	1,700 mg/kg
Cobalt (minimum) .....	6 mg/kg
Zinc (minimum) .....	1,700 mg/kg
Fluorine (maximum) .....	80 mg/kg
Vitamin A (minimum) .....	220,460 IU/kg
Vitamin D <sub>3</sub> (minimum).....	55,115 IU/kg
Vitamin E (minimum) .....	440 IU/kg

**Net Weight 100 kg | 56.4 kg | 27.3 kg**  
**Product #: 812499 | 812500 | 810259**



## 18% ALL-PURPOSE BLOCK

## FREE-CHOICE BLOCK SUPPLEMENT FOR BEEF CATTLE, HORSES, SHEEP & GOATS

Masterlyx 18% All-Purpose Block is a free-choice low moisture molasses block providing protein, energy, minerals and vitamins. Masterlyx aids in efficient utilization of forages fed to cattle, primarily low quality forages. Nutrients from Masterlyx are provided frequently in small amounts daily. This consistent consumption aides effective nutrition and overall supplementation. With Masterlyx no waste of supplement occurs which helps keep cost of supplementation under control.

### FEEDING DIRECTIONS:

Masterlyx 18% All-Purpose Block is designed for self feeding to grazing beef cattle, horses, sheep and goats.

Feed at the rate of one container for every 20 to 30 head. A minimum of two (2) containers may be required in each lot or pasture to ensure proper accessibility. Free-choice consumption will depend on size of the animals fed, seasonal weather conditions, as well as quality, source and availability of other feeds. Beef cattle and horses typically consume between 225 and 680 grams per-head, per-day. Sheep and goats typically consume between 50 and 150 grams per head, per day.

All consumption figures stated here are approximate. Provide free access to clean, fresh water at all times. Masterlyx 18% All-Purpose Block contains no salt. Provide salt in the ration or offer free-choice.

### FEATURES & BENEFITS:

**Convenient and practical applications.**  
Packaged in 90 kg plastic containers.

**Versatile.** Can be used in pasture, dry-lot, or confinement feeding situations.

**Several formulations available.** Each targets complete supplementation, mineral supplementation or starting weaned or feedlot cattle.

**Dairy applications.** Include supplementation of dry, fresh and lactating cows. Can help promote dry matter intake and more consistent feed intakes during periods of stress, thus helping overcome common metabolic disorders of dairy cattle.

**Time and labour savings realized.** Less labour to using hand fed supplements; less equipment needed compared to other supplement methods; supplement is made available to cattle at all times; convenient, non-returnable hassle-free container.

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	18.0%
Crude Fat (minimum) .....	3.0%
Crude Fiber (maximum).....	3.0%
Calcium (actual).....	1.4%
Phosphorus (actual) .....	1.0%
Sodium (actual) .....	1.2%
Potassium (actual) .....	3.0%
Iodine (actual) .....	10 mg/kg
Copper (actual).....	18 mg/kg
Copper (added) .....	0 mg/kg
Manganese (actual).....	800 mg/kg
Zinc (actual) .....	800 mg/kg
Cobalt (actual) .....	2 mg/kg
Fluorine (maximum) .....	200 mg/kg
Vitamin A (minimum) .....	200,000 IU/kg
Vitamin D (minimum) .....	20,000 IU/kg
Vitamin E (minimum) .....	200 IU/kg

Net Weight 90.8 kg | 56.8 kg | 27.3 kg  
Product #: 811038 | 810626 | 810627

## The Sweet Taste of Success.

Supplements can only provide predictable performance if they are consumed consistently. Sweetlix delivers balanced levels of nutrients in regular daily doses and utilizes high quality ingredients for increased palatability and optimum animal performance. Unlike some blocks, Sweetlix pressed blocks are highly palatable as well as weather-resistant.

### SWEETLIX PRODUCT LINE UP:

#### EQUINE PASTURE & HAY BALANCER

*This free-choice supplement block for **horses** is a mineral, vitamin and protein supplement in one. Ideal for supplementing hay and limited pastures, it delivers 20% protein from all natural sources. This weather-resistant block can be placed directly in pastures or paddocks with horses – no shelter needed.*

#### MEAT MAKER®

*This protein block for **goats** contains added Bioplex® organic trace minerals that are easily absorbed and readily metabolized for optimal nutrition.*

**ALL-IN-ONE** *This convenient highly palatable free-choice protein supplement block for **sheep** and **goats** is a mineral, vitamin and protein supplement in one. This block is specifically designed to supplement small ruminants consuming low quality forages and allows for optimum growth and reproduction. Safe for cattle, goats and sheep. Ideal in situations where copper is a concern when species are co-mingling.*

**SHEEP/  
GOAT  
OPTION**


**WHITETAIL DEER BLOCK** *Formulated to provide **deer** with supplemental protein, energy, minerals and vitamins necessary for antler growth.*

**RACK™ DEER BLOCK** *Formulated to provide essential supplemental nutrients and minerals needed by **deer**.*

**CORN-LIX DEER BLOCK** *Formulated to supplement natural vegetation by providing essential minerals and energy necessary for maximum growth, bone and antler development and reproduction in **deer**.*

**GAME BIRD & FOWL BLOCK** *Designed especially for the needs of **wild fowl**. Made with wholesome grains, minerals and vitamins critical for growth and egg production, Sweetlix provides essential nutrients.*

### Guaranteed Analysis Comparison Chart

	EQUINE PASTURE & HAY BALANCER	MEAT MAKER®	ALL-IN-ONE	WHITETAIL DEER BLOCK	RACK™ DEER BLOCK	CORN-LIX™ DEER BLOCK	GAME BIRD & FOWL BLOCK
Crude Protein (min)	20.0%	16.0%	20.0%	14.0%	–	10.0%	8.25%
Crude Fat (min)	1.5%	1.0%	1.0%	2.0%	–	0.5%	4.0%
Crude Fibre (max)	8.0%	6.0%	6.0%	10.0%	–	6.0%	4.5%
Calcium (minimum)	–	–	–	8.0%	0.75%	3.0%	2.6%
Calcium (maximum)	–	–	–	9.6%	1.25%	3.5%	3.1%
Calcium (actual)	6.5%	5.0%	5.0%	–	–	–	–
Phosphorus (actual)	2.0%	3.0%	3.0%	1.0%	1.0%	1.0%	0.75%
Magnesium (actual)	–	1.0%	–	–	2.75%	3.5%	–
Salt (minimum)	–	–	–	12.0%	42.0%	7.0%	–
Salt (maximum)	–	15.0%	–	14.4%	47.0%	8.4%	–
Sodium	5.3%	7.0%	7.0%	–	–	–	–
Potassium (actual)	–	1.0%	1.0%	–	–	–	–
Iodine (actual)	9 mg/kg	60 mg/kg	60 mg/kg	–	10 mg/kg	–	–
Iron (actual)	–	–	–	350 mg/kg	–	–	–
Copper (actual)	200 mg/kg	230 mg/kg	* 25 mg/kg	250 mg/kg	200 mg/kg	–	–
Manganese (actual)	800 mg/kg	1,800 mg/kg	1,700 mg/kg	1,000 mg/kg	800 mg/kg	–	–
Selenium (actual)	2.6 mg/kg	6.2 mg/kg	6.2 mg/kg	3.1 mg/kg	2.5 mg/kg	–	–
Zinc (actual)	580 mg/kg	1,800 mg/kg	1,700 mg/kg	700 mg/kg	580 mg/kg	–	–
Cobalt (actual)	1 mg/kg	35 mg/kg	30 mg/kg	3 mg/kg	–	–	–
Fluorine (max)	120 mg/kg	–	200 mg/kg	–	–	–	–
Lysine (minimum)	–	–	–	–	–	–	0.3%
Methionine (minimum)	–	–	–	–	–	–	0.25%
Vitamin A (min)	26,400 IU/kg	220,000 IU/kg	220,000 IU/kg	55,000 IU/kg	–	25,000 IU/kg	–
Vitamin D <sub>3</sub> (min)	2,640 IU/kg	22,000 IU/kg	22,000 IU/kg	5,500 IU/kg	–	5,000 IU/kg	–
Vitamin E (min)	220 IU/kg	220 IU/kg	441 IU/kg	55 IU/kg	–	5 IU/kg	–

\* None added.

FOR WHAT  
GOES INTO  
ALL YOU DO.™



**Masterfeeds®**

an **Altech®** company

masterfeeds.com |   

# ALL-IN-ONE

## FOR SHEEP & GOATS

SHEEP & GOAT BLOCK

Sweetlix All-In-One is a convenient highly palatable free-choice protein, mineral, vitamin and supplement block all in one for sheep and goats. This block is specifically designed to supplement small ruminants consuming low quality forages and allows for optimum growth and reproduction. Ideal in situations where copper is a concern when species are co-mingling.

### INTRODUCTORY PERIOD:

Following a seven to 10 day acclimation period, average consumption should be 50 to 100 g for sheep and goats with unrestricted forage supplies. Position the blocks 15 to 25 meters from loafing, feeding and watering areas. Some repositioning of blocks may be necessary as animals become acclimated to the presence of the blocks. Move blocks closer to increase consumption: further away to decrease consumption. If over consumption occurs for more than two weeks and repositioning of blocks does not correct the situation, remove blocks and evaluate the overall feeding program. **Do not allow starved animals free access to this block.**

### FEEDING DIRECTIONS:

Feed at a rate of one block per five to ten heads. All animals should have equal access to blocks. Timid and smaller animals need their share.

Place the blocks where animals congregate. Locate blocks throughout the pasture at loafing, grazing and watering areas. Adequate distance must be maintained between blocks to prevent crowding (three metres minimum).

Feed blocks continuously along with plentiful sources of forage and clean, fresh water. Animals should not run out of blocks. When a block is two-thirds consumed, provide a new block near it. Place very small pieces in a feed pan or trough to be cleaned up.

Sheep and goats should consume 50 to 100 g per head daily. Consumption of this block may vary depending upon animal body condition, quality and quantity of forages, seasonal weather conditions, and most importantly, feeding locations of blocks with respect to loafing, grazing, feeding and watering areas. Feed as the only free-choice source of salt, other minerals and vitamins.

**Net Weight 15 kg**  
**Product #: 815994**

### FEATURES & BENEFITS:

**Highly palatable supplement block for sheep consuming low quality forages**

**Specifically designed to supplement small ruminants.** Optimum growth and reproduction.

**Protein, vitamin, and mineral supplementation in one product.** No additional sources of salt or minerals required

**Delivers 20% Crude Protein from all natural sources.** Ideal for all classes of sheep.

**Convenient.** Easy to handle 15 kg block.

**Weather-resistant block.** Requires no special feeders or bunks.

### NOTE:

Store blocks in a cool, dry area away from rodents and insects.

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***This feed contains added Selenium at 6.2 mg/kg.***

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	20.0%
Crude Fat (minimum) .....	1.0%
Crude Fibre (maximum).....	6.0%
Calcium (actual).....	5.0%
Phosphorus (actual) .....	3.0%
Sodium (actual) .....	7.0%
Potassium (actual) .....	1.0%
Iodine (actual) .....	60 mg/kg
Copper (actual).....	25 mg/kg *
Manganese (actual) .....	1,700 mg/kg
Zinc (actual).....	1,700 mg/kg
Cobalt (actual) .....	30 mg/kg
Fluorine (maximum) .....	200 mg/kg
Vitamin A (minimum) .....	220,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	22,000 IU/kg
Vitamin E (minimum) .....	441 IU/kg

\*None added.

## GOAT CONTENTS

### KID MILK REPLACERS

*Grober® 22:22:25 Kid-Gro*

*Grober® 22:22:25 Kid-Gro A+ Acidified*

### KID & DOELING FEEDS

*22% Kid Starter Ration (Pellet/Mini-pellet)*

*20% Total Kid Starter Ration (Pellet)*

*18% Doeling Developer Ration (Pellet)*

*16% Doeling Ration (Pellet)*

### LACTATION FEEDS

*17% Total Goat Ration (Pellet)*

*16% Total Goat Ration LE (Pellet)*

*16% Goat Ration (Texturized)*

*16% Dairy Goat Ration SE (Pellet)*

*37% Goat Supplement (Pellet)*

### DRY DOE FEEDS

*Trans Goat Medicated Ration (Mini-pellet)*

### PREMIX

*Chelated Goat Premix*

*18:6:4.5 Premium Goat Premix*

### LOW MOISTURE BLOCKS

*Crystalyx® Sweet 14%™*

*Masterlyx™ 18% All-Purpose Block*

### PRESSED BLOCKS

*Sweetlix® Meat Maker®*

*Sweetlix® All-In-One*



# GROBER® KID-GRO 22:22:25 KID MILK REPLACER

FOR ARTIFICIALLY REARING  
REPLACEMENT DOE KIDS  
& MEAT GOATS

KID MILK REPLACER

Grober Kid-Gro 22:22:25 Kid Milk Replacer is an economical choice designed to be fed after three days of age to replacement doe kids and meat kids.

## MIXING DIRECTIONS:

1. Weigh 150 g of powder per litre of solution.
2. Mix with 0.5 litres warm water (60°C) using a whisk, for three minutes.
3. Add 0.45 litres cold water and mix again (total 1 litre).
4. Feed the milk replacer solution at body temperature (approximately 40°C)

*Kid-Gro can also be used with automatic milk distribution systems, which mixes thoroughly the powder with water at 40 to 45°C.*

## FEEDING SCHEDULE:

This schedule is only a guideline and should be adjusted to the needs of the kid. Approximately 10 kg of milk replacer will be consumed per kid. The newborn kid should receive 150 ml/kg bodyweight of colostrum (approx 600 ml). The sooner kids receive colostrum the more effective the absorption of antibodies (protection against disease). If maternal colostrum is not available or to protect against disease transfer (eg. CAE or Johne's) use a good quality colostrum replacer.

Kid Age	Feedings per day	Mixed Milk Replacer Solution per Feeding (mls)
days 1–2 (colostrum)	4	250
days 3–5	3	300
days 6–14	3	500
week 3–6	2	800
week 7	1	800
week 8	1	500

## FEEDING TIPS:

1. Frequent feeding of small amounts will decrease digestive upsets.
2. Reconstituted Kid-Gro may be refrigerated up to 24 hours. Discard unused portion after 24 hours.
3. Free choice milk is served at room temperature; do not leave kid bar empty for more than two hours. Milk should not be left out longer than two hours.
4. Clean ALL feeding utensils and equipment after each feeding: rinse in lukewarm water, wash with a detergent in hot (80°C) water, rinse with clean water (ideally a 5 to 10% bleach solution daily) and dry thoroughly with a clean towel.
5. Fresh, clean water should be available at all times.
6. When kids are consuming approximately 120 to 150 g of concentrate ration per day, weaning may begin. A gradual weaning process will reduce stress and weight loss at that time.

*This feed contains added Selenium at 0.3 mg/kg.*

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	22.0%
Crude Protein from milk sources (minimum) .....	22.0%
Crude Fat (minimum) .....	25.0%
Crude Fiber (maximum).....	0.15%
Ash (maximum) .....	8.0%
Calcium (actual).....	0.95%
Phosphorus (actual) .....	0.7%
Sodium (actual) .....	0.43%
Vitamin A (minimum) .....	40,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	4,000 IU/kg
Vitamin E (minimum) .....	150 IU/kg

Net Weight 5 kg | 10 kg | 20 kg  
Product #: 550001 | 550002 | 550003



Masterfeeds® Sheep & Goat Nutrition  
an Alltech company



# GROBER® KID-GRO A+ 22:22:25 ACIDIFIED KID MILK REPLACER

FOR ARTIFICIALLY REARING  
REPLACEMENT DOE KIDS  
& MEAT GOATS

KID MILK REPLACER

KID MILK REPLACER

Grober Kid-Gro A+ 22:22:25 Acidified Kid Milk Replacer features a blend of acids for steadier pH in the abomasum. This milk replacer drops the pH level in the stomach and small intestine for pathogenic control. As a result, digestion and nutrition are enhanced while promoting growth and health.

## MIXING DIRECTIONS:

1. Weigh 150 g of powder per litre of solution.
2. Mix with 0.5 litres warm water (60°C) using a whisk, for three minutes.
3. Add 0.45 litres cold water and mix again (total 1 litre).
4. Feed the milk replacer solution at body temperature (approximately 40°C)

*Kid-Gro A+ can also be used with automatic milk distribution systems, which mixes thoroughly the powder with water at 40 to 45°C.*

## FEEDING SCHEDULE:

This schedule is only a guideline and should be adjusted to the needs of the kid. Approximately 10 kg of milk replacer will be consumed per kid. The newborn kid should receive 150 ml/kg bodyweight of colostrum (approx 600 ml). The sooner kids receive colostrum the more effective the absorption of antibodies (protection against disease). If maternal colostrum is not available or to protect against disease transfer (eg. CAE or Johne's) use a good quality colostrum replacer.

Kid Age	Feedings per day	Mixed Milk Replacer Solution per Feeding (mls)
days 1–2 (colostrum)	4	250
days 3–5	3	300
days 6–14	3	500
week 3–6	2	800
week 7	1	800
week 8	1	500

## FEEDING TIPS:

1. Frequent feeding of small amounts will decrease digestive upsets.
2. Reconstituted Kid-Gro A+ may be refrigerated up to 24 hours. Discard unused portion after 24 hours.
3. Free choice milk is served at room temperature; do not leave kid bar empty for more than two hours. Milk should not be left out longer than two hours.
4. Clean ALL feeding utensils and equipment after each feeding: rinse in lukewarm water, wash with a detergent in hot (80°C) water, rinse with clean water (ideally a 5 to 10% bleach solution daily) and dry thoroughly with a clean towel.
5. Fresh, clean water should be available at all times.
6. When kids are consuming approximately 120 to 150 g of concentrate ration per day, weaning may begin. A gradual weaning process will reduce stress and weight loss at that time.

*This feed contains added Selenium at 0.3 mg/kg.*

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	22.0%
Crude Protein from milk sources (minimum) .....	22.0%
Crude Fat (minimum) .....	25.0%
Crude Fiber (maximum).....	0.15%
Ash (maximum) .....	8.0%
Calcium (actual).....	1.39%
Phosphorus (actual) .....	0.9%
Sodium (actual) .....	0.45%
Vitamin A (minimum) .....	40,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	3,000 IU/kg
Vitamin E (minimum) .....	150 IU/kg

Net Weight 20 kg  
Product #: 550015



# 22%

## KID STARTER RATION (PELLET)

## COMPLETE FEED FOR STARTING KIDS

Masterfeeds GoalMaker 22% Kid Starter Ration (pellet) is a complete feed for starting kid goats. Also available in a mini-pellet, this formula is designed to be fed free-choice starting on day two to four until weaning, in conjunction with whole milk or milk replacer.

### FEEDING DIRECTIONS:

Feed as a complete feed to kid goats. For more detailed feeding information consult your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

**22% protein.** High protein to promote early frame development.

**All-vegetable protein.** Multiple sources of vegetable protein which provide a good balance of amino acids.

**Optimum vitamin and mineral levels.** Improves mineral absorption and enhances immunity.

**Yea-Sacc<sup>®1026</sup>.** Live yeast cells that stimulate the growth of ruminal bacteria, improves rumen fermentation, fibre digestion and feed efficiency.

**Flavours and molasses.** Enhances palatability and reduces dust and sorting.

**Available as a mini-pellet.** Stimulates early feed intake; less feed wasted by animals.

*This feed contains added Selenium at 0.3 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	22.0%
Crude Fat (minimum) .....	2.0%
Crude Fibre (maximum).....	10.5%
Calcium (actual).....	1.1%
Phosphorus (actual) .....	0.6%
Sodium (actual) .....	0.25%
Vitamin A (minimum) .....	18,500 IU/kg
Vitamin D <sub>3</sub> (minimum).....	3,000 IU/kg
Vitamin E (minimum) .....	75 IU/kg

Net Weight 25 kg

Product #: PELLET – 551011

MINI-PELLET– 551010

# 20%

## TOTAL KID STARTER RATION (PELLET)

## COMPLETE FEED FOR STARTING KIDS

Masterfeeds GoalMaker 20% Total Kid Starter Ration (pellet) is a complete palatable feed for starting kid goats. This feed is specifically designed so that no additional roughage source needs to be fed with.

### FEEDING DIRECTIONS:

Feed as a complete feed to kid goats. Changes to the feeding program should be made gradually for adaptation to take place. Follow an on-farm feeding program provided by your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

**20% protein.** High protein to promote early frame development.

**High energy formulation.** Produces excellent rates of gain.

**All-vegetable protein.** Multiple sources of vegetable protein which provide a good balance of amino acids.

**Ideal vitamin and mineral levels.** Optimum performance and increased immunity.

**Contains Diamond V XP Yeast.** Promotes rumen microbes.

**Flavours and molasses.** Enhances palatability and reduces dust and sorting.

**Pelleted.** Stimulates early feed intake; less feed wasted by animals

**Two pellet sizes.** Available in regular size pellet or mini-pellet

*This feed contains added Selenium at 0.3 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	20.0%
Crude Fat (minimum) .....	2.8%
Crude Fiber (maximum).....	13.0%
Calcium (actual).....	0.9%
Phosphorus (actual) .....	0.6%
Sodium (actual) .....	0.20%
Vitamin A (minimum) .....	16,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	2,700 IU/kg
Vitamin E (minimum) .....	54 IU/kg

Net Weight 25 kg  
Product #: 552860

# 18%

## DOELING DEVELOPER (PELLET)

### FOR DOELINGS THREE TO FOUR MONTHS OF AGE TO KIDDING

Masterfeeds GoalMaker 18% Doeling Developer (pellet) is a complete palatable feed for doelings. This feed is designed to be fed ad lib from three to four months of age to kidding.

#### FEEDING DIRECTIONS:

Feed as a complete feed to goats along with forage. Changes to the feeding program should be made gradually for adaptation to take place. Follow an on-farm feeding program provided by your Masterfeeds Account Manager.

#### FEATURES & BENEFITS:

**18% protein.** High protein to promote early frame development.

**All-in-one pellet (complete pellet program).** Increased consistency from day to day reduces digestive upsets and increases rumen efficiency.

**All-vegetable protein.** Multiple sources of vegetable protein which provide a good balance of amino acids.

**Ideal mineral levels.** Formulated specifically for doelings to provide adequate levels of vitamins and minerals.

**Flavours and molasses.** Enhances palatability and reduces dust and sorting.

**Pelleted.** Pellets provide optimum intake with no sorting.

*This feed contains added Selenium at 0.3 mg/kg.*

#### GUARANTEED ANALYSIS

Crude Protein (minimum).....	18.0%
Crude Fat (minimum) .....	2.8%
Crude Fiber (maximum).....	14.0%
Calcium (actual).....	0.8%
Phosphorus (actual) .....	0.6%
Sodium (actual) .....	0.37%
Vitamin A (minimum) .....	14,000 IU/kg
Vitamin D (minimum) .....	2,400 IU/kg
Vitamin E (minimum) .....	70 IU/kg

Net Weight 25 kg  
Product #: 551012

# 16%

## DOELING RATION (PELLET)

## FOR DOELINGS THREE TO FOUR MONTHS OF AGE TO KIDDING

Masterfeeds GoalMaker 16% Doeling Ration (pellet) is designed to be fed to doelings three to four months of age to kidding. This feed is formulated to be fed along with good quality forages.

### FEEDING DIRECTIONS:

Feed as a complete feed to goats along with forage. Changes to the feeding program should be made gradually for adaptation to take place. Follow an on-farm feeding program provided by your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

**16% protein.** High protein to promote early frame development.

**Economical.** Uses a wide range of ingredients to provide both economy and performance.

**All-vegetable protein.** Multiple sources of vegetable protein which provide a good balance of amino acids.

**Ideal vitamin and mineral levels.** Formulated to match a wide range of forage sources, providing optimum growth.

**Flavours and molasses.** Enhances palatability and reduces dust and sorting.

**Pelleted.** Pellets provide optimum intake with no sorting.

*This feed contains added Selenium at 0.3 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	16.0%
Crude Fat (minimum) .....	4.3%
Crude Fiber (maximum).....	7.0%
Calcium (actual).....	0.8%
Phosphorus (actual) .....	0.8%
Sodium (actual) .....	0.29%
Vitamin A (minimum) .....	17,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	2,800 IU/kg
Vitamin E (minimum) .....	80 IU/kg

# 17% TOTAL GOAT RATION (PELLET)

## COMPLETE FEED FOR MILKING DOES

Masterfeeds GoalMaker 17% Total Goat Ration (pellet) is a complete palatable feed for lactating does designed to be fed ad lib along with free-choice straw.

### FEEDING DIRECTIONS:

Feed as a complete feed to goat along with forage. Changes to the feeding program should be made gradually for adaptation to take place. Follow an on-farm feeding program provided by your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

**17% protein.** Protein levels to provide optimum levels when fed with free choice straw.

**All-in-one pellet (complete pellet program).** Increased consistency from day to day reduces digestive upsets and increases rumen efficiency.

**All natural protein sources.** Proteins are matched to the natural physiology of the goat for maximum performance and safety.

**Ideal mineral levels.** Formulated specifically for lactating goats to provide adequate levels of minerals for production and reproduction.

**Contains Sel-Plex® and Bioplex®.** Organic Selenium and organic trace minerals to help support the reproductive and immune system and improve health.

**Flavours and molasses.** Enhances palatability and reduces dust and sorting.

**Pelleted.** Pellets provide optimum intake with no sorting.

*This feed contains added Selenium at 0.3 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	17.0%*
Crude Fat (minimum) .....	3.9%
Crude Fiber (maximum).....	16.0%
Calcium (actual).....	1.0%
Phosphorus (actual) .....	0.6%
Sodium (actual) .....	0.41%
Vitamin A (minimum) .....	8,000 IU/kg
Vitamin D (minimum) .....	1,400 IU/kg
Vitamin E (minimum) .....	59 IU/kg

\*Equivalent crude protein from non-protein sources (maximum) 1.0%.

Net Weight 25 kg  
Product #: 552862

# 16%

## TOTAL GOAT RATION LE (PELLET)

## COMPLETE FEED FOR MILKING DOES

Masterfeeds GoalMaker 16% Total Goat Ration LE (pellet) is a complete palatable feed for lactating does designed to be fed ad lib along with free-choice straw.

### FEEDING DIRECTIONS:

Feed as a complete feed to goats along with forage. Changes to the feeding program should be made gradually for adaptation to take place. Follow an on-farm feeding program provided by your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

**16% protein.** Protein levels to provide optimum levels when fed with free choice straw.

**All-in-one pellet (complete pellet program).** Increased consistency from day to day reduces digestive upsets and increases rumen efficiency.

**Optimal protein sources.** Proteins are matched to the natural physiology of the goat for maximum performance and safety.

**Ideal mineral levels.** Formulated specifically for lactating goats to provide adequate levels of minerals for production and reproduction.

**Contains Sel-Plex® and Bioplex®.** Organic Selenium and organic trace minerals to help support the reproductive and immune system and improve health.

**Flavours and molasses.** Enhances palatability and reduces dust and sorting.

**Pelleted.** Pellets provide optimum intake with no sorting.

*This feed contains added Selenium at 0.3 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	16.1%*
Crude Fat (minimum) .....	3.4%
Crude Fiber (maximum).....	16.0%
Calcium (actual).....	0.9%
Phosphorus (actual) .....	0.7%
Sodium (actual) .....	0.34%
Vitamin A (minimum) .....	9,000 IU/kg
Vitamin D (minimum) .....	1,500 IU/kg
Vitamin E (minimum) .....	49 IU/kg

\*Equivalent crude protein from non-protein sources (maximum) 1.0%.

Net Weight 25 kg  
Product #: 552941

# 16% GOAT RATION (TEXTURIZED)

## COMPLETE FEED FOR MILKING DOES

Masterfeeds GoalMaker 16% Goat Ration (texturized) is a complete palatable feed for milking does. It is a high energy feed formulated using natural protein ingredients and a proper balance of vitamins and minerals for milking does consuming hay/haylage and/or corn silage.

### FEEDING DIRECTIONS:

Feed as a complete feed to goats along with forage. Changes to the feeding program should be made gradually for adaptation to take place. Follow an on-farm feeding program provided by your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

**16% protein.** Ideal protein when fed with average hay/haylage or excellent quality hay/haylage and corn silage.

**Flaked corn.** Texturized feed with molasses provides high energy and palatability.

**Ideal vitamin and mineral levels.** Optimum performance and increased immunity.

**High quality ingredients.** Consistent quality assures top performance and doe acceptability.

**Molasses added.** Increases palatability and reduces dust and sorting.

*This feed contains added Selenium at 0.3 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	16.2%
Crude Fat (minimum) .....	3.0%
Crude Fiber (maximum).....	5.0%
Calcium (actual).....	1.1%
Phosphorus (actual) .....	0.5%
Sodium (actual) .....	0.29%
Vitamin A (minimum) .....	11,000 IU/kg
Vitamin D (minimum) .....	1,900 IU/kg
Vitamin E (minimum) .....	34 IU/kg

16%

DAIRY GOAT RATION SE  
(PELLET)COMPLETE FEED  
FOR MILKING DOES

Masterfeeds GoalMaker 16% Dairy Goat Ration (pellet) is a complete palatable feed for lactating does being fed hay/haylage rations.

**FEEDING DIRECTIONS:**

Feed as a complete feed to goats along with forage. Changes to the feeding program should be made gradually for adaptation to take place. Follow an on-farm feeding program provided by your Masterfeeds Account Manager.

**FEATURES & BENEFITS:**

**16% protein.** Protein levels match on farm forages and grains.

**All natural protein sources.** Proteins are matched to the natural physiology of the goat for maximum performance and safety.

**Ideal mineral levels.** Formulated specifically for lactating goats to provide adequate levels of minerals for production and reproduction.

**Optimum vitamin E and Selenium levels.** Levels provided to improve immune status overall health.

**Contains Selenium at 0.6 mg/kg.** Provides maximum allowable intake of Selenium when fed as directed.

**Pelleted.** Eliminate sorting of grain ration ingredients.

*This feed contains added Selenium at 0.6 mg/kg.*

**GUARANTEED ANALYSIS**

Crude Protein (minimum).....	16.0%
Crude Fat (minimum) .....	4.3%
Crude Fiber (maximum).....	8.0%
Calcium (actual).....	0.8%
Phosphorus (actual) .....	0.7%
Sodium (actual) .....	0.34%
Vitamin A (minimum) .....	15,000 IU/kg
Vitamin D (minimum) .....	3,000 IU/kg
Vitamin E (minimum) .....	60 IU/kg

Net Weight 25 kg  
Product #: 552866



# 37% GOAT SUPPLEMENT (PELLET)

## SUPPLEMENT FOR MILKING DOES

Masterfeeds GoalMaker 37% Goat Supplement (pellet) is a palatable protein supplement for milking does consuming hay/haylage or hay/haylage and corn silage rations. This supplement is designed to be mixed with on-farm grains to produce a balanced ration.

### FEEDING DIRECTIONS:

Mix with grain and feed so as to provide 1.2 kg of supplement per head per day. Feed as a complete ration along with forage. Changes to the feeding program should be made gradually for adaptation to take place. Follow an on-farm feeding program provided by your Masterfeeds Account Manager.

### FEATURES & BENEFITS:

**37% protein.** Protein levels match on farm forages and grains.

**All natural protein sources.** Proteins are matched to the natural physiology of the goat for maximum performance and safety.

**Ideal mineral levels.** Formulated specifically for lactating goats to provide adequate levels of minerals for production and reproduction.

**Optimum vitamin E and Selenium levels.** Levels provided to improve immune status overall health.

**Pelleted.** Eliminate sorting of grain ration ingredients.

**Multiple protein sources.** Provides a balance of amino acids as well as rumen available and bypass protein sources.

*This feed contains added Selenium at 2.5 mg/kg.*

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	37.0%
Crude Fat (minimum) .....	2.1%
Crude Fiber (maximum).....	5.0%
Calcium (actual).....	4.0%
Phosphorus (actual) .....	1.2%
Magnesium (actual).....	0.8%
Sulfur (actual).....	0.4%
Sodium (actual) .....	0.97%
Potassium (actual) .....	2.3%
Iodine (actual) .....	5 mg/kg
Iron (actual).....	519 mg/kg
Copper (actual).....	104 mg/kg
Manganese (actual).....	375 mg/kg
Zinc (actual).....	376 mg/kg
Cobalt (actual) .....	2 mg/kg
Fluorine (maximum).....	63 mg/kg
Vitamin A (minimum) .....	66,000 IU/kg
Vitamin D (minimum) .....	10,000 IU/kg
Vitamin E (minimum) .....	260 IU/kg

Net Weight 25 kg  
Product #: 552864

# TRANS GOAT

(PELLET)

FOR DOES IN TRANSITION  
FROM DRY TO MILKING

Masterfeeds GoalMaker Trans Goat (pellet) is a complete palatable feed designed to smoothly transition does from the dry period to lactation.

## FEEDING DIRECTIONS:

Feed as a complete feed to goats along with forage.  
For more detailed feeding information consult your  
Masterfeeds Account Manager.

## FEATURES & BENEFITS:

**High fibre.** Helps prepare the rumen for change  
in ration energy levels after kidding.

**Flavouring.** Encourages intake.

**Pelleted.** Prevents sorting and waste.

**Ideal vitamin and mineral levels.**  
Optimum performance and increased immunity.

**Contains organic minerals.**  
Improved biological activity to ensure optimum  
health and performance.

*This feed contains added Selenium at 0.6 mg/kg.*

## GUARANTEED ANALYSIS

Crude Protein (minimum).....	15.1%
Crude Fat (minimum) .....	3.2%
Crude Fiber (maximum).....	11.0%
Calcium (actual).....	1.1%
Phosphorus (actual) .....	0.5%
Sodium (actual) .....	0.29%
Vitamin A (minimum) .....	16,000 IU/kg
Vitamin D (minimum) .....	2,700 IU/kg
Vitamin E (minimum) .....	148 IU/kg

Net Weight 25 kg  
Product #: 552863

# CHELATED

## GOAT PREMIX

### VITAMIN & MINERAL PREMIX WITH SALT FOR DAIRY GOATS

Masterfeeds GoalMaker Chelated Goat Premix is a highly fortified vitamin and mineral premix for lactating and dry does used to create on-farm rations using local grains and protein ingredients, fed free-choice or top-dressed.

#### FEEDING DIRECTIONS:

Masterfeeds GoalMaker Chelated Goat Premix is designed to provide goats and goats with kids a high level of vitamins, minerals and salt while feeding in a dry lot. Mix with on-farm grains, and feed the resulting grain so as to provide 43 grams per day of this premix.

#### FEATURES & BENEFITS:

**Ideal levels of vitamins and minerals.**

*For optimum performance and health.*

**Contains Sel-Plex® and Bioplex®.**

*Organic Selenium and organic trace minerals to help support the reproductive and immune system and improve health.*

**Contains Selenium at 17 mg/kg (33% from organic sources).** Provides maximum allowable intake of Selenium when fed as directed.

**Contains salt.** Conveniently supplies all required salt when fed as directed.

**Contains flavoring agent and dry molasses.**

*Enhance palatability and promotes intake.*

#### FEEDING TIPS:

1. Use to balance Total Mixed Ration feeding programs.
2. Build your own ration: Mix 35 kg of Goal Maker Goat Chelated Premix with 265 kg soybean meal and 700 kg corn and/or mixed grain to make a complete ration.

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***This feed contains added Selenium at 17.0 mg/kg.***

#### GUARANTEED ANALYSIS

Calcium (actual).....	21.8%
Phosphorus (actual) .....	3.0%
Magnesium (actual).....	5.0%
Sulfur (actual).....	0.4%
Sodium (actual) .....	7.9%
Potassium (actual) .....	0.1%
Iodine (actual) .....	45 mg/kg
Iron (actual) .....	1,167 mg/kg
Manganese (actual).....	1,698 mg/kg
Copper (actual).....	603 mg/kg
Zinc (actual).....	2,823 mg/kg
Cobalt (actual) .....	20 mg/kg
Fluorine (maximum) .....	259 mg/kg
Vitamin A (minimum) .....	360,000 IU/kg
Vitamin D (minimum) .....	65,000 IU/kg
Vitamin E (minimum) .....	2,000 IU/kg

**Net Weight 25 kg**  
**Product #: 553025**

# 18:6:4.5

## PREMIUM GOAT PREMIX

## VITAMIN & MINERAL PREMIX WITH SALT FOR DAIRY GOATS

Masterfeeds GoalMaker 18:6:4.5 Premium Goat Premix is a highly fortified vitamin and mineral premix for lactating and dry does used to create on-farm rations using local grains and protein ingredients, fed free-choice or top-dressed.

### FEEDING DIRECTIONS:

Masterfeeds GoalMaker Premium Goat Premix is designed to provide goats and goats with kids a high level of vitamins, minerals and salt while feeding in a dry lot. Mix with on-farm grains, and feed the resulting grain so as to provide 10 grams per day of this premix.

### FEATURES & BENEFITS:

**Contains a ratio of 3:1 calcium to phosphorus.**

*Provides the right calcium and phosphorus levels to balance mineral requirements of dairy goats.*

**Ideal levels of vitamins and minerals.** For optimum performance and health,

**Contains Sel-Plex® and Bioplex®.**

*Organic Selenium and organic trace minerals to help support the reproductive and immune system and improve health.*

**Contains Selenium at 16 mg/kg (33% from organic sources).** Provides maximum allowable intake of Selenium when fed as directed.

**Contains salt.** Conveniently supplies all required salt when fed as directed.

**Contains flavoring agent and dry molasses.**

*Enhance palatability and promotes intake.*

### FEEDING TIPS:

1. Use to balance Total Mixed Ration feeding programs.
2. Build your own ration: Mix 35 kg of Goal Maker Goat Premium Premix with 265 kg soybean meal and 700 kg corn and/or mixed grain to make an 18% ration. Feed the resulting ration at a rate not to exceed 1.25 kg per head per day along with on-farm forages.
3. Offer free-choice or top-dress as to provide 45 g per head per day for lactating goats and 30 g per head per day for dry goats. Do not exceed recommended levels.
4. When forages with a lower level of calcium are fed, additional source of calcium i.e. limestone is recommended.

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***This feed contains added Selenium at 16.0 mg/kg.***

### GUARANTEED ANALYSIS

Calcium (actual).....	18.0%
Phosphorus (actual) .....	6.0%
Magnesium (actual).....	4.5%
Sulfur (actual) .....	0.56%
Sodium (actual) .....	9.25%
Potassium (actual) .....	0.23%
Iodine (actual) .....	45 mg/kg
Iron (actual) .....	2,370 mg/kg
Manganese (actual) .....	2,500 mg/kg
Copper (actual).....	500 mg/kg
Zinc (actual) .....	3,000 mg/kg
Cobalt (actual) .....	18 mg/kg
Fluorine (maximum) .....	500 mg/kg
Vitamin A (minimum) .....	400,000 IU/kg
Vitamin D (minimum) .....	80,000 IU/kg
Vitamin E (minimum) .....	1,600 IU/kg

**Net Weight 25 kg**  
**Product #: 553015**



# SWEET 14%™

FOR ALL AGES OF EQUINE,  
BEEF, SHEEP & GOATS

SUPPLEMENT

SWEET 14% is designed for self-feeding situations where beef cattle, sheep, goats and equines are grazed in common pastures.

## FEATURES & BENEFITS:

**Rumen-available protein.** Helps to maximize forage digestion and optimize rumen fermentation.

**Naturally self-limiting.** Low-moisture block delivery cannot be bitten or chewed.

**Trace minerals and vitamins.** Nutrition available 24/7.

**Flexibility.** Sweet 14% may be fed to cattle, sheep, goats, equine and/or bison individually, or when grazing the same pasture.

## ADVANTAGES OVER DRY BAGGED MINERALS:

- Does not need salt or other ingredients to attract cattle to supplement or help in regulating intake.
- Wind proof, water proof, waste proof.
- Research results demonstrate significantly more cattle visited Crystalux than dry loose mineral feeders.

*This feed contains added Selenium at 4.4 mg/kg.*

## GUARANTEED ANALYSIS:

Crude Protein (minimum).....	14.0%
Crude Fat (minimum) .....	4.0%
Crude Crude Fibre (maximum) .....	3.0%
Calcium (actual).....	1.2%
Sodium (actual) .....	1.2%
Phosphorus (actual) .....	1.0%
Magnesium (actual).....	0.3%
Potassium (actual) .....	2.0%
Copper (added) .....	0 mg/kg
Copper (actual).....	17 mg/kg
Manganese (actual).....	140 mg/kg
Zinc (actual) .....	300 mg/kg
Fluorine (maximum) .....	100 mg/kg
Vitamin A (minimum) .....	110,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	11,000 IU/kg

Net Weight 100 kg | 27.4 kg  
Product #: 810221 | 801227



## 18% ALL-PURPOSE BLOCK

## FREE-CHOICE BLOCK SUPPLEMENT FOR BEEF CATTLE, HORSES, SHEEP & GOATS

Masterlyx 18% All-Purpose Block is a free-choice low moisture molasses block providing protein, energy, minerals and vitamins. Masterlyx aids in efficient utilization of forages fed to cattle, primarily low quality forages. Nutrients from Masterlyx are provided frequently in small amounts daily. This consistent consumption aides effective nutrition and overall supplementation. With Masterlyx no waste of supplement occurs which helps keep cost of supplementation under control.

### FEEDING DIRECTIONS:

Masterlyx 18% All-Purpose Block is designed for self feeding to grazing beef cattle, horses, sheep and goats.

Feed at the rate of one container for every 20 to 30 head. A minimum of two (2) containers may be required in each lot or pasture to ensure proper accessibility. Free-choice consumption will depend on size of the animals fed, seasonal weather conditions, as well as quality, source and availability of other feeds. Beef cattle and horses typically consume between 225 and 680 grams per-head, per-day. Sheep and goats typically consume between 50 and 150 grams per head, per day.

All consumption figures stated here are approximate. Provide free access to clean, fresh water at all times. Masterlyx 18% All-Purpose Block contains no salt. Provide salt in the ration or offer free-choice.

### FEATURES & BENEFITS:

**Convenient and practical applications.**  
Packaged in 90 kg plastic containers.

**Versatile.** Can be used in pasture, dry-lot, or confinement feeding situations.

**Several formulations available.** Each targets complete supplementation, mineral supplementation or starting weaned or feedlot cattle.

**Dairy applications.** Include supplementation of dry, fresh and lactating cows. Can help promote dry matter intake and more consistent feed intakes during periods of stress, thus helping overcome common metabolic disorders of dairy cattle.

**Time and labour savings realized.** Less labour to using hand fed supplements; less equipment needed compared to other supplement methods; supplement is made available to cattle at all times; convenient, non-returnable hassle-free container.

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	18.0%
Crude Fat (minimum) .....	3.0%
Crude Fiber (maximum).....	3.0%
Calcium (actual).....	1.4%
Phosphorus (actual) .....	1.0%
Sodium (actual) .....	1.2%
Potassium (actual) .....	3.0%
Iodine (actual) .....	10 mg/kg
Copper (actual).....	18 mg/kg
Copper (added) .....	0 mg/kg
Manganese (actual) .....	800 mg/kg
Zinc (actual) .....	800 mg/kg
Cobalt (actual) .....	2 mg/kg
Fluorine (maximum) .....	200 mg/kg
Vitamin A (minimum) .....	200,000 IU/kg
Vitamin D (minimum) .....	20,000 IU/kg
Vitamin E (minimum) .....	200 IU/kg

Net Weight 90.8 kg | 56.8 kg | 27.3 kg  
Product #: 811038 | 810626 | 810627

## The Sweet Taste of Success.

Supplements can only provide predictable performance if they are consumed consistently. Sweetlix delivers balanced levels of nutrients in regular daily doses and utilizes high quality ingredients for increased palatability and optimum animal performance. Unlike some blocks, Sweetlix pressed blocks are highly palatable as well as weather-resistant.

### SWEETLIX PRODUCT LINE UP:

#### EQUINE PASTURE & HAY BALANCER

*This free-choice supplement block for **horses** is a mineral, vitamin and protein supplement in one. Ideal for supplementing hay and limited pastures, it delivers 20% protein from all natural sources. This weather-resistant block can be placed directly in pastures or paddocks with horses – no shelter needed.*

#### MEAT MAKER®

*This protein block for **goats** contains added Bioplex® organic trace minerals that are easily absorbed and readily metabolized for optimal nutrition.*

**ALL-IN-ONE** *This convenient highly palatable free-choice protein supplement block for **sheep** and **goats** is a mineral, vitamin and protein supplement in one. This block is specifically designed to supplement small ruminants consuming low quality forages and allows for optimum growth and reproduction. Safe for cattle, goats and sheep. Ideal in situations where copper is a concern when species are co-mingling.*

**SHEEP/  
GOAT  
OPTION**

**WHITETAIL DEER BLOCK** *Formulated to provide **deer** with supplemental protein, energy, minerals and vitamins necessary for antler growth.*

**RACK™ DEER BLOCK** *Formulated to provide essential supplemental nutrients and minerals needed by **deer**.*

**CORN-LIX DEER BLOCK** *Formulated to supplement natural vegetation by providing essential minerals and energy necessary for maximum growth, bone and antler development and reproduction in **deer**.*

**GAME BIRD & FOWL BLOCK** *Designed especially for the needs of **wild fowl**. Made with wholesome grains, minerals and vitamins critical for growth and egg production, Sweetlix provides essential nutrients.*

### Guaranteed Analysis Comparison Chart

	EQUINE PASTURE & HAY BALANCER	MEAT MAKER®	ALL-IN-ONE	WHITETAIL DEER BLOCK	RACK™ DEER BLOCK	CORN-LIX™ DEER BLOCK	GAME BIRD & FOWL BLOCK
Crude Protein (min)	20.0%	16.0%	20.0%	14.0%	–	10.0%	8.25%
Crude Fat (min)	1.5%	1.0%	1.0%	2.0%	–	0.5%	4.0%
Crude Fibre (max)	8.0%	6.0%	6.0%	10.0%	–	6.0%	4.5%
Calcium (minimum)	–	–	–	8.0%	0.75%	3.0%	2.6%
Calcium (maximum)	–	–	–	9.6%	1.25%	3.5%	3.1%
Calcium (actual)	6.5%	5.0%	5.0%	–	–	–	–
Phosphorus (actual)	2.0%	3.0%	3.0%	1.0%	1.0%	1.0%	0.75%
Magnesium (actual)	–	1.0%	–	–	2.75%	3.5%	–
Salt (minimum)	–	–	–	12.0%	42.0%	7.0%	–
Salt (maximum)	–	15.0%	–	14.4%	47.0%	8.4%	–
Sodium	5.3%	7.0%	7.0%	–	–	–	–
Potassium (actual)	–	1.0%	1.0%	–	–	–	–
Iodine (actual)	9 mg/kg	60 mg/kg	60 mg/kg	–	10 mg/kg	–	–
Iron (actual)	–	–	–	350 mg/kg	–	–	–
Copper (actual)	200 mg/kg	230 mg/kg	* 25 mg/kg	250 mg/kg	200 mg/kg	–	–
Manganese (actual)	800 mg/kg	1,800 mg/kg	1,700 mg/kg	1,000 mg/kg	800 mg/kg	–	–
Selenium (actual)	2.6 mg/kg	6.2 mg/kg	6.2 mg/kg	3.1 mg/kg	2.5 mg/kg	–	–
Zinc (actual)	580 mg/kg	1,800 mg/kg	1,700 mg/kg	700 mg/kg	580 mg/kg	–	–
Cobalt (actual)	1 mg/kg	35 mg/kg	30 mg/kg	3 mg/kg	–	–	–
Fluorine (max)	120 mg/kg	–	200 mg/kg	–	–	–	–
Lysine (minimum)	–	–	–	–	–	–	0.3%
Methionine (minimum)	–	–	–	–	–	–	0.25%
Vitamin A (min)	26,400 IU/kg	220,000 IU/kg	220,000 IU/kg	55,000 IU/kg	–	25,000 IU/kg	–
Vitamin D <sub>3</sub> (min)	2,640 IU/kg	22,000 IU/kg	22,000 IU/kg	5,500 IU/kg	–	5,000 IU/kg	–
Vitamin E (min)	220 IU/kg	220 IU/kg	441 IU/kg	55 IU/kg	–	5 IU/kg	–

\* None added.

FOR WHAT  
GOES INTO  
ALL YOU DO.™



**Masterfeeds®**

an **Altech®** company

masterfeeds.com |   



# ALL-IN-ONE

## FOR SHEEP & GOATS

SHEEP & GOAT BLOCK

Sweetlix All-In-One is a convenient highly palatable free-choice protein, mineral, vitamin and supplement block all in one for sheep and goats. This block is specifically designed to supplement small ruminants consuming low quality forages and allows for optimum growth and reproduction. Ideal in situations where copper is a concern when species are co-mingling.

### INTRODUCTORY PERIOD:

Following a seven to 10 day acclimation period, average consumption should be 50 to 100 g for sheep and goats with unrestricted forage supplies. Position the blocks 15 to 25 meters from loafing, feeding and watering areas. Some repositioning of blocks may be necessary as animals become acclimated to the presence of the blocks. Move blocks closer to increase consumption: further away to decrease consumption. If over consumption occurs for more than two weeks and repositioning of blocks does not correct the situation, remove blocks and evaluate the overall feeding program. **Do not allow starved animals free access to this block.**

### FEEDING DIRECTIONS:

Feed at a rate of one block per five to ten heads. All animals should have equal access to blocks. Timid and smaller animals need their share.

Place the blocks where animals congregate. Locate blocks throughout the pasture at loafing, grazing and watering areas. Adequate distance must be maintained between blocks to prevent crowding (three metres minimum).

Feed blocks continuously along with plentiful sources of forage and clean, fresh water. Animals should not run out of blocks. When a block is two-thirds consumed, provide a new block near it. Place very small pieces in a feed pan or trough to be cleaned up.

Sheep and goats should consume 50 to 100 g per head daily. Consumption of this block may vary depending upon animal body condition, quality and quantity of forages, seasonal weather conditions, and most importantly, feeding locations of blocks with respect to loafing, grazing, feeding and watering areas. Feed as the only free-choice source of salt, other minerals and vitamins.

**Net Weight 15 kg**  
**Product #: 815994**

### FEATURES & BENEFITS:

**Highly palatable supplement block for sheep consuming low quality forages**

**Specifically designed to supplement small ruminants.** Optimum growth and reproduction.

**Protein, vitamin, and mineral supplementation in one product.** No additional sources of salt or minerals required

**Delivers 20% Crude Protein from all natural sources.** Ideal for all classes of sheep.

**Convenient.** Easy to handle 15 kg block.

**Weather-resistant block.** Requires no special feeders or bunks.

### NOTE:

Store blocks in a cool, dry area away from rodents and insects.

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***This feed contains added Selenium at 6.2 mg/kg.***

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	20.0%
Crude Fat (minimum) .....	1.0%
Crude Fibre (maximum).....	6.0%
Calcium (actual).....	5.0%
Phosphorus (actual) .....	3.0%
Sodium (actual) .....	7.0%
Potassium (actual) .....	1.0%
Iodine (actual) .....	60 mg/kg
Copper (actual).....	25 mg/kg *
Manganese (actual) .....	1,700 mg/kg
Zinc (actual).....	1,700 mg/kg
Cobalt (actual) .....	30 mg/kg
Fluorine (maximum) .....	200 mg/kg
Vitamin A (minimum) .....	220,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	22,000 IU/kg
Vitamin E (minimum) .....	441 IU/kg

\*None added.



## The Sweet Taste of Success.

Supplements can only provide predictable performance if they are consumed consistently. Sweetlix delivers balanced levels of nutrients in regular daily doses and utilizes high quality ingredients for increased palatability and optimum animal performance. Unlike some blocks, Sweetlix pressed blocks are highly palatable as well as weather-resistant.

### SWEETLIX PRODUCT LINE UP:

#### EQUINE PASTURE & HAY BALANCER

*This free-choice supplement block for **horses** is a mineral, vitamin and protein supplement in one. Ideal for supplementing hay and limited pastures, it delivers 20% protein from all natural sources. This weather-resistant block can be placed directly in pastures or paddocks with horses – no shelter needed.*

#### MEAT MAKER®

*This protein block for **goats** contains added Bioplex® organic trace minerals that are easily absorbed and readily metabolized for optimal nutrition.*

GOAT  
OPTION

**ALL-IN-ONE** *This convenient highly palatable free-choice protein supplement block for **sheep** and **goats** is a mineral, vitamin and protein supplement in one. This block is specifically designed to supplement small ruminants consuming low quality forages and allows for optimum growth and reproduction. Safe for cattle, goats and sheep. Ideal in situations where copper is a concern when species are co-mingling.*


**WHITETAIL DEER BLOCK** *Formulated to provide **deer** with supplemental protein, energy, minerals and vitamins necessary for antler growth.*

**RACK™ DEER BLOCK** *Formulated to provide essential supplemental nutrients and minerals needed by **deer**.*

**CORN-LIX DEER BLOCK** *Formulated to supplement natural vegetation by providing essential minerals and energy necessary for maximum growth, bone and antler development and reproduction in **deer**.*

**GAME BIRD & FOWL BLOCK** *Designed especially for the needs of **wild fowl**. Made with wholesome grains, minerals and vitamins critical for growth and egg production, Sweetlix provides essential nutrients.*

### Guaranteed Analysis Comparison Chart

	EQUINE PASTURE & HAY BALANCER	MEAT MAKER®	ALL-IN-ONE	WHITETAIL DEER BLOCK	RACK™ DEER BLOCK	CORN-LIX™ DEER BLOCK	GAME BIRD & FOWL BLOCK
Crude Protein (min)	20.0%	16.0%	20.0%	14.0%	–	10.0%	8.25%
Crude Fat (min)	1.5%	1.0%	1.0%	2.0%	–	0.5%	4.0%
Crude Fibre (max)	8.0%	6.0%	6.0%	10.0%	–	6.0%	4.5%
Calcium (minimum)	–	–	–	8.0%	0.75%	3.0%	2.6%
Calcium (maximum)	–	–	–	9.6%	1.25%	3.5%	3.1%
Calcium (actual)	6.5%	5.0%	5.0%	–	–	–	–
Phosphorus (actual)	2.0%	3.0%	3.0%	1.0%	1.0%	1.0%	0.75%
Magnesium (actual)	–	1.0%	–	–	2.75%	3.5%	–
Salt (minimum)	–	–	–	12.0%	42.0%	7.0%	–
Salt (maximum)	–	15.0%	–	14.4%	47.0%	8.4%	–
Sodium	5.3%	7.0%	7.0%	–	–	–	–
Potassium (actual)	–	1.0%	1.0%	–	–	–	–
Iodine (actual)	9 mg/kg	60 mg/kg	60 mg/kg	–	10 mg/kg	–	–
Iron (actual)	–	–	–	350 mg/kg	–	–	–
Copper (actual)	200 mg/kg	230 mg/kg	* 25 mg/kg	250 mg/kg	200 mg/kg	–	–
Manganese (actual)	800 mg/kg	1,800 mg/kg	1,700 mg/kg	1,000 mg/kg	800 mg/kg	–	–
Selenium (actual)	2.6 mg/kg	6.2 mg/kg	6.2 mg/kg	3.1 mg/kg	2.5 mg/kg	–	–
Zinc (actual)	580 mg/kg	1,800 mg/kg	1,700 mg/kg	700 mg/kg	580 mg/kg	–	–
Cobalt (actual)	1 mg/kg	35 mg/kg	30 mg/kg	3 mg/kg	–	–	–
Fluorine (max)	120 mg/kg	–	200 mg/kg	–	–	–	–
Lysine (minimum)	–	–	–	–	–	–	0.3%
Methionine (minimum)	–	–	–	–	–	–	0.25%
Vitamin A (min)	26,400 IU/kg	220,000 IU/kg	220,000 IU/kg	55,000 IU/kg	–	25,000 IU/kg	–
Vitamin D <sub>3</sub> (min)	2,640 IU/kg	22,000 IU/kg	22,000 IU/kg	5,500 IU/kg	–	5,000 IU/kg	–
Vitamin E (min)	220 IU/kg	220 IU/kg	441 IU/kg	55 IU/kg	–	5 IU/kg	–

\* None added.

FOR WHAT  
GOES INTO  
ALL YOU DO.™



**Masterfeeds®**

an **Altech®** company

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# MEAT MAKER®

## PRESSED SUPPLEMENT BLOCK FOR GOATS

GOAT BLOCK

Sweetlix Meat Maker Protein Block is designed to promote health and well-being for your goats through proper nutrition. Added Bioplex® organic trace minerals are easily absorbed and readily metabolized for optimal nutrition.

### INTRODUCTORY PERIOD:

Following a seven to 10 day acclimation period, average consumption should be 50 to 100 g for goats with unrestricted forage supplies. Position the blocks 15 to 25 meters from loafing, feeding and watering areas. Some repositioning of blocks may be necessary as animals become acclimated to the presence of the blocks. Move blocks closer to increase consumption: further away to decrease consumption. If over consumption occurs for more than two weeks and repositioning of blocks does not correct the situation, remove blocks and evaluate the overall feeding program. **Do not allow starved animals free access to this block.**

### FEEDING DIRECTIONS:

Feed at a rate of one block per five to 15 head. All animals should have equal access to blocks. Timid and smaller animals need their share.

Place the blocks where animals congregate. Locate blocks throughout the pasture at loafing, grazing and watering areas. Adequate distance must be maintained between blocks to prevent crowding (three metres minimum).

Feed blocks continuously along with plentiful sources of forage and clean, fresh water. Animals should not run out of blocks. When a block is two-thirds consumed, provide a new block near it. Place very small pieces in a feed pan or trough to be cleaned up.

Goats should consume 50 to 100 g per head daily. Consumption of this block may vary depending upon animal body condition, quality and quantity of forages, seasonal weather conditions, and most importantly, feeding locations of blocks with respect to loafing, grazing, feeding and watering areas. Feed as the only self-fed source of salt, other minerals and vitamins.

**Net Weight 11.34 kg**  
**Product #: 815987**

### FEATURES & BENEFITS:

**Highly palatable.** Formula designed especially for the nutritional needs of goats to promote health and well-being through proper nutrition.

**High quality, plant-based protein.** Use during times of low forage quantity or quality.

**Contains Sel-Plex® and Bioplex®.** Organic Selenium and organic trace minerals to help support the reproductive and immune systems and improve health. Consumption of Selenium should not exceed 0.7 mg per head daily.

**Added Actigen®.** For improved gut health during stressful periods.

**Convenient.** 11.34 kg pressed block is easily transported and small size means that kids are less likely to soil the block due to lying on it.

### WARNING:

This product, which contains added copper, should not be fed to sheep or any species with a low tolerance to supplemental copper.

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***This feed contains added Selenium at 6.2 mg/kg.***

### GUARANTEED ANALYSIS

Crude Protein (minimum).....	16.0%
Crude Fat (minimum) .....	1.0%
Crude Fibre (maximum).....	6.0%
Calcium (actual).....	5.0%
Phosphorus (actual) .....	3.0%
Salt (actual).....	15.0%
Sodium (actual) .....	7.0%
Potassium (actual) .....	1.0%
Iodine (actual) .....	60 mg/kg
Copper (actual).....	230 mg/kg
Manganese (actual) .....	1,800 mg/kg
Zinc (actual) .....	1,800 mg/kg
Cobalt (actual) .....	35 mg/kg
Vitamin A (minimum) .....	220,000 IU/kg
Vitamin D <sub>3</sub> (minimum).....	22,000 IU/kg
Vitamin E (minimum) .....	220 IU/kg