



# PRODUCT GUIDE

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Beef

# BEEF

PRODUCT NAME	PRODUCT #	PAGE #
HP Calf Creep™ Pel.....	1149	5
HP Calf Creep™ 60B .....	1139	7
Calf Creep™ 60B .....	1169	9
Calf Creep™ .....	1179	11
Calf Creep™ Co-Product Balancer.....	1131	13
Arrivalmax® Complete.....	1540	15
Arrivalmax® Energy.....	1547	17
Arrivalmax® Supplement .....	1544	19
Arrivalmax® Balancer Pellet.....	1553	21
Baby Beef™ Complete.....	1581 1582 1583 1584 1585	23
34% Baby Beef™.....	1640	25
34% Baby Beef™ 400B .....	1641	27
34% Baby Beef™ 500M 400B .....	1644	29
36% Cattle AN .....	1936	31
Cattle 32 AN .....	1743	33
Baby Beef™ 44 .....	1720 1721 1722	35
Feedlot™ 40-20.....	1742	37
Feedlot™ 40-30.....	1741	39
Feedlot™ 55.....	1740	41
Beef Pro™ 40-30.....	1822	43
Beef 40-15.....	1415	45
Go-Pro™ .....	1412 1413	47
Co-Product Balancer.....	1664	49
Co-Product Balancer Meal.....	1622	51
Exact Beef® Cit Pellet 125R .....	1652	53
Exact Beef® Cit Meal 125R .....	1653	55
Precision™ Dairy Beef Grower 150R .....	1787	57
Precision™ Dairy Beef Finisher 240R 120T .....	1782	59
No Roughage Calf 100R.....	1912	61
No Roughage Calf 150R.....	1913	63
NRB® 40-15 300R-90T .....	1147	65
NRB® 40-25 300R-90T .....	1145	67
EnergiLass® 12 .....	1063 4452	69
EnergiLass® 20.....	1061 4451	71
EnergiLass® 25AN .....	1064 4453	73
EnergiLass® 32 .....	1067 4456	75
EnergiLass® 40 .....	1315	77
EnergiLass® Breeder Aide® 20 .....	1320 4464	79
EnergiLass® Breeder Aide® 28 .....	1319 4463	81
EnergiLass® Cattle Mineral 8.....	7736 4482	83

PRODUCT NAME	PRODUCT #	PAGE #
EnergiLass® Fescue Pasture 20 .....	1066 4455	85
EnergiLass® Rumen Booster .....	1068 4457	87
EnergiLass® Super Hi-Mag 12.....	1065 4454	89
Framework 365 Mineral® ADE.....	7701	91
Framework 365 Mineral® Fescue Pasture CTC.....	7703	93
Framework 365 Mineral® MG .....	7704	95
Framework 365 Mineral® MG CT .....	7705	97
Framework 365 Mineral® Anaplas CTC/AFC .....	8766	99
Framework 365 Mineral® Pasture CTC .....	7702	101
Framework 365 Mineral® Pasture Breeder Aide.....	8760	103
Feedlot™ Mineral .....	7746	105
Mineral Block.....	7725	107
Mixing Mineral™ 1440B .....	7755	109
BoVantage® .....	8111	111
Beef Cow Co-Product Balancer Meal .....	1615	113
Beef Cow Co-Product Balancer Mineral.....	1618	115
Beef Cow Co-Product Balancer Pellet.....	1611	117
12-12-12 Mineral .....	7732	119
Down Home® 2:1 Mineral.....	1524	121
Down Home® 36 AN.....	1523	123
Down Home® Co-Product Balancer.....	1520	125
Down Home® Finisher Supplement.....	1522	127
Down Home® Grower Supplement .....	1521	129
Down Home® Hi Mag 2:1 Mineral .....	1525	131
Liquid Liq-N-Gain® 32 .....	1233	133
Liquid Liq-N-Gain® 44 .....	1234	135
Liquid Gluten Balancer.....	1226	137
Liquid Uni-Mixer™ Liquid Uni-Mixer™ Plus .....	1317 1318	139
Ruma-Liq 34.....	1157	141
Ruminant Holding Ration .....	1129	143
Complement Pellets™ 1200R .....	1660	145
14% Cattle Cube AN.....	1839	147
20% Breeder Cube AN.....	1869	149
20% Cattle Comfort™ .....	1539	151
20% Cattle Comfort™ AN.....	1529	153
20% Range Cube.....	1569	155
30% Protein Block .....	1182	157
30% Range Cube.....	1559	159

# HP CALF CREEP

## PRODUCT DESCRIPTION

A complete, pelleted creep feed designed for use in a creep feeder for beef calves on pasture.

## FEATURES AND BENEFITS

**Complete palatable creep** feed for calves that may boost weaning weights by 30 - 50 pounds per calf. Calves gain fast and often are sold for a premium. Fast gains mean lower feed cost. Benefits can add up to \$10 or more per calf over non-creep-fed animals.

**16% all-natural protein** provides palatability, energy, and encourage calves to start eating creep feed early.

**Vitamin A** is important for good health, vigor, and stimulates appetite and growth.

**Vitamin D3** can increase mineral assimilation and utilization (particularly phosphorus) in the body. Phosphorus is essential to build strong bones and frame.

## FEEDING DIRECTIONS

Feed Kent HP Calf Creep free choice to calves from birth to weaning in a creep feeder.



## HP CALF CREEP

For beef calves on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	16.0%
Crude Fat, min. ....	2.5%
Crude Fiber, max. ....	15.0%
Calcium (Ca), min.....	1.45%
Calcium (Ca), max.....	1.95%
Phosphorus (P), min. ....	0.6%
Salt (NaCl), min.....	0.3%
Salt (NaCl), max. ....	0.8%
Potassium (K), min.....	0.9%
Vitamin A, min. ....	10,000 IU/lb
Vitamin D3, min. ....	1,000 IU/lb

3

### INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Roughage Products, Cane Molasses, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Reed-Sedge Peat, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Sodium Selenite.

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**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# HP CALF CREEP 60B

## PRODUCT DESCRIPTION

A complete, pelleted creep feed designed for use in a creep feeder for beef calves on pasture. Medicated for increased rate of weight gain in pasture cattle (slaughter, stocker and feeder cattle and dairy and beef replacement heifers).

## FEATURES AND BENEFITS

**Complete palatable creep** feed for calves that may boost weaning weights by 30 - 50 pounds per calf. Calves gain fast and often are sold for a premium. Fast gains mean lower feed cost. Benefits can add up to \$10 or more per calf over non-creep-fed animals.

**16% all-natural protein** provides palatability, energy, and encourage calves to start eating creep feed early.

**Vitamin A** is important for good health, vigor, and stimulates appetite and growth.

**Vitamin D3** can increase mineral assimilation and utilization (particularly phosphorus) in the body. Phosphorus is essential to build strong bones and frame.

**Lasalocid** for increased rate of weight gain in pasture cattle (slaughter, stocker and feeder cattle and dairy and beef replacement heifers).

## FEEDING DIRECTIONS

Feed Kent HP Calf Creep 60B free choice to calves from birth to weaning in a creep feeder. Feed continuously to provide 60 mg to 200 mg of Lasalocid per head per day to calves nursing cows on pasture. This amount is equivalent to 2.0-6.7 pounds of HP Calf Creep 60B Medicated.

**Caution:** Do not allow horses or other equines access to feeds containing Lasalocid as ingestion may be fatal. The safety of Lasalocid for use in unapproved species has not been established. Feeding undiluted or mixing errors may result in an excess Lasalocid concentration which could be fatal to cattle and sheep.

**Warning:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.



## HP CALF CREEP 60B MEDICATED

For beef calves on pasture.  
For increased rate of weight gain in pasture cattle (slaughter, stocker and feeder cattle and dairy and beef replacement heifers).

### ACTIVE DRUG INGREDIENT

Lasalocid..... 60 gm/ton

### GUARANTEED ANALYSIS

Crude Protein, min.....	16.0%
Crude Fat, min. ....	2.5%
Crude Fiber, max. ....	15.0%
Calcium (Ca), min.....	1.45%
Calcium (Ca), max.....	1.95%
Phosphorus (P), min. ....	0.6%
Salt (NaCl), min. ....	0.3%
Salt (NaCl), max. ....	0.8%
Potassium (K), min. ....	0.9%
Vitamin A, min. ....	10,000 IU/lb
Vitamin D3, min. ....	1,000 IU/lb

5

### INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Roughage Products, Cane Molasses, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Reed-Sedge Peat, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Sodium Selenite.

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# CALF CREEP™ 60B

## PRODUCT DESCRIPTION

A complete, pelleted creep feed designed for use in a creep feeder.

## FEATURES AND BENEFITS

**Complete palatable creep feed for calves** which can boost weaning weights by 30 to 50 lb per calf. Calves gain fast and often are sold for a premium. Fast gains mean lower feed cost. Benefits can add up to \$10 or more per calf over non-creep fed animals.

**All-natural protein sources** provide palatability, energy, and encourage calves to start eating creep feed early.

**Vitamin A** is important for good health, vigor, and stimulates appetite and growth.

**Vitamin D3** can increase mineral assimilation and utilization (particularly phosphorus) in the body.

**Phosphorus** is essential to build strong bones and frame.

## FEEDING DIRECTIONS

Feed continuously to provide 60 mg to 200 mg of Bovatec per head per day to calves nursing cows on pasture. This amount is equivalent to 2 - 6.7 lb of Calf Creep 60B.

## CAUTION

Do not allow horses or other equines access to feeds containing Bovatec as ingestion may be fatal. The safety of Bovatec in unapproved species and breeding cattle has not been established. Feeding undiluted or mixing errors resulting in excessive concentrations of Bovatec could be fatal to cattle.

## WARNING

A withdrawal period has not been established for this product in pre-ruminating cattle. Do not use in calves to be processed for veal.



## CALF CREEP™ 60B MEDICATED

For beef calves on pasture. For increased rate of weight gain in pasture cattle (slaughter, stocker and feeder cattle and dairy and beef replacement heifers).

### ACTIVE DRUG INGREDIENT

Lasalocid.....60 g/ton

### GUARANTEED ANALYSIS

Crude Protein, min.....	14.0%
Crude Fat, min.....	2.5%
Crude Fiber, max.....	13.0%
Calcium (Ca), min.....	1.5%
Calcium (Ca), max.....	2.0%
Phosphorus (P), min.....	0.5%
Salt (NaCl), min.....	0.4%
Salt (NaCl), max.....	0.9%
Potassium (K), min.....	0.9%
Vitamin A, min.....	10,000 IU/lb
Vitamin D3, min.....	1,000 IU/lb

12

### INGREDIENTS

Processed Grain By-Products, Roughage Products, Cane Molasses, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Sodium Selenite.

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*Bovatec® is a registered trademark of Alpharma Animal Health.*

# CALF CREEP™

## PRODUCT DESCRIPTION

A complete, pelleted creep feed designed for use in a creep feeder.

## FEATURES AND BENEFITS

**Complete palatable creep feed for calves** which can boost weaning weights by 30 to 50 lb per calf. Calves gain fast and often are sold for a premium. Fast gains mean lower feed cost. Benefits can add up to \$10 or more per calf over non-creep fed animals.

**All-natural protein sources** provide palatability, energy, and encourage calves to start eating creep feed early.

**Vitamin A** is important for good health, vigor, and stimulates appetite and growth.

**Vitamin D3** can increase mineral assimilation and utilization (particularly phosphorus) in the body.

**Phosphorus** is essential to build strong bones and frame.

## FEEDING DIRECTIONS

Feed Kent Calf Creep free choice to calves from birth to weaning in a creep feeder.



## CALF CREEP™

For beef calves on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	14.0%
Crude Fat, min. ....	2.5%
Crude Fiber, max. ....	19.0%
Calcium (Ca), min.....	1.5%
Calcium (Ca), max.....	2.0%
Phosphorus (P), min. ....	0.5%
Salt (NaCl), min.....	0.4%
Salt (NaCl), max. ....	0.9%
Potassium (K), min.....	0.9%
Vitamin A, min. ....	10,000 IU/lb
Vitamin D3, min. ....	1,000 IU/lb

12

### INGREDIENTS

Processed Grain By-Products, Roughage Products, Cane Molasses, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Reed-Sedge Peat, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Sodium Selenite.

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# CALF CREEP CO-PRODUCT BALANCER

## PRODUCT DESCRIPTION

A pelleted supplement to be mixed at a 10% inclusion with dry co-products and grains to make calf creep feeds.

## FEATURES AND BENEFITS

**High levels of calcium** to balance the high phosphorus levels of co-products.

**Added thiamine (vitamin B<sub>1</sub>)** to help prevent the incidence of polio, a condition sometimes encountered in cattle fed diets containing co-products.

**Added trace minerals (manganese, copper, cobalt, zinc, selenium)** to maximize growth and efficiencies.

**Guaranteed level of Vitamin A** to aid in reducing respiratory problems.

**Guaranteed level of Vitamin D** for proper assimilation and use of calcium and phosphorus.

**Guaranteed level of Vitamin E** for immune system support.

## FEEDING DIRECTIONS

Mix at a 10% inclusion with co-product and other grain sources.

This product also serves as a carrier for additives such as lasalocid (Bovatec®) and monensin (Rumensin®).



## CALF CREEP CO-PRODUCT BALANCER

A beef supplement for growing beef cattle.

### GUARANTEED ANALYSIS

Crude Protein, min .....	10.8%
Crude Fat, min .....	2.3%
Crude Fiber, max .....	8.0%
Calcium (Ca), min .....	10.8%
Calcium (Ca), max .....	12.9%
Phosphorus (P), min .....	0.5%
Salt (NaCl), min .....	6.1%
Salt (NaCl), max .....	7.3%
Potassium (K), min .....	0.6%
Copper (Cu), min .....	210 ppm
Selenium (Se), min .....	3 ppm
Zinc (Zn), min .....	700 ppm
Vitamin A, min .....	83,600 IU/lb
Vitamin D3, min .....	10,500 IU/lb
Vitamin E, min .....	17 IU/lb

3

### INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Cane Molasses, Calcium Carbonate, Salt, Vegetable Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Reed-Sedge Peat, Thiamine Mononitrate, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Zinc Sulfate, Magnesium Sulfate, Cobalt Carbonate, Sodium Selenite

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# ARRIVALMAX<sup>®</sup> COMPLETE

## PRODUCT DESCRIPTION

A complete pelleted diet for starting and preconditioning steers and heifers. Every bite provides the proper proportion of all nutrients. This product is a very palatable starting diet which encourages increased feed intake to get cattle off to a good start.

## FEATURES AND BENEFITS

**BoVantage<sup>®</sup> technology** can help promote a healthy rumen, combat stress, and provide immune system support.

**Complexed trace minerals** have shown to be more digestible compared to inorganic trace minerals and in the case of starting cattle, can decrease sickness and medical costs while enhancing feedlot performance.

**High Vitamin E levels** have been shown to improve the health and performance of stressed cattle as Vitamin E is associated with the immune system.

**Yeast** stimulates intake and rumen metabolism.

**Buffers** control rumen acidity and aid in restoring rumen function to keep cattle on feed.

**Potassium** helps stressed cattle regain shipping shrink quickly.

**Can be fed in an all-natural beef feeding program.**

## FEEDING DIRECTIONS

Kent ARRIVALmax Complete is designed as the first feed for shipped-in cattle or for preconditioning feeder cattle prior to shipment. Kent ARRIVALmax Complete is a complete feed. Feed as the sole ration to cattle for 14-21 days at the rate of 6 to 18 pounds per head per day depending on cattle weight. After cattle are started, gradually switch to a regular feeding program.

Contact your local KNG Plant or Representative for medication options.

**CAUTION:** Do not feed to sheep.



## ARRIVALMAX<sup>®</sup> COMPLETE

For cattle on pasture and feedlot cattle.

### GUARANTEED ANALYSIS

Crude Protein, min.....	14.0%
Crude Fat, min. ....	1.75%
Crude Fiber, max. ....	20.0%
Calcium (Ca), min.....	0.7%
Calcium (Ca), max.....	1.2%
Phosphorus (P), min. ....	0.45%
Salt (NaCl), min.....	0.1%
Salt (NaCl), max. ....	0.6%
Potassium (K), min.....	1.0%
Vitamin A, min. ....	11,500 IU/lb
Vitamin D3, min. ....	5,700 IU/lb
Vitamin E, min.....	24 IU/lb
	<b>2</b>

### INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Roughage Products, Grain Products, Calcium Carbonate, Sodium Bicarbonate, Cane Molasses, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Copper Amino Acid Complex, Manganese Amino Acid Complex, Zinc Amino Acid Complex, Cobalt Glucoheptonate, Reed-Sedge Peat, Calcium Iodate, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Chromium Propionate, Potassium Chloride, Selenium Yeast.

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# ARRIVALMAX<sup>®</sup> ENERGY

## PRODUCT DESCRIPTION

A semi-complete feed designed to be fed with roughage for newly arrived, stressed, preconditioning and starting feeder cattle.

## FEATURES AND BENEFITS

**BoVantage<sup>®</sup> technology** can help promote a health rumen, combat stress, and provide immune system support.

**Complexed trace minerals** have shown to be more digestible compared to inorganic trace minerals and in the case of starting cattle, can decrease sickness and medical costs while enhancing feedlot performance.

**High Vitamin E levels** have been shown to improve the health and performance of stressed cattle as Vitamin E is associated with the immune system.

**Yeast** stimulates intake and rumen metabolism.

**Buffers** control rumen acidity and aid in restoring rumen function to keep cattle on feed.

**Potassium** helps stressed cattle regain shipping shrink quickly.

**Can be fed in an all-natural beef feeding program.**

## FEEDING DIRECTIONS

Feed Kent ARRIVALmax Energy at the rate of 2 pounds for the first day, increasing to 5 pounds by the fourth day to starting cattle. Continue this level through the 14th day. Feed roughage to appetite. Gradually change to regular program by the 21st day.

Contact your local KNG Plant or Representative for medication options.

**CAUTION:** Do not feed to sheep.



## ARRIVALMAX<sup>®</sup> ENERGY

For cattle on pasture and feedlot cattle.

### GUARANTEED ANALYSIS

Crude Protein, min.....	16.0%
Crude Fat, min. ....	3.0%
Crude Fiber, max. ....	12.0%
Calcium (Ca), min.....	1.0%
Calcium (Ca), max.....	1.5%
Phosphorus (P), min. ....	0.55%
Salt (NaCl), min.....	1.0%
Salt (NaCl), max. ....	1.5%
Sodium (Na), min.....	0.6%
Sodium (Na), max.....	1.1%
Potassium (K), min.....	1.0%
Vitamin A, min.....	21,000 IU/lb
Vitamin D3, min. ....	10,500 IU/lb
Vitamin E, min.....	45 IU/lb

3

### INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Roughage Products, Grain Products, Calcium Carbonate, Sodium Bicarbonate, Cane Molasses, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Riboflavin Supplement, Niacin Supplement, Calcium Pantothenate, Vitamin B12 Supplement, Choline Chloride, Folic Acid, Biotin, Pyridoxine Hydrochloride, Thiamine Mononitrate, Copper Amino Acid Complex, Manganese Amino Acid Complex, Zinc Amino Acid Complex, Cobalt Glucoheptonate, Reed-Sedge Peat, Calcium Iodate, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Chromium Propionate, Selenium Yeast.

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# ARRIVALMAX<sup>®</sup> SUPPLEMENT

## PRODUCT DESCRIPTION

A highly fortified starting supplement designed for newly arrived, stressed, preconditioning and starting feeder cattle.

## FEATURES AND BENEFITS

**BoVantage<sup>®</sup> technology** can help promote a health rumen, help combat stress, and provide immune system support.

**Complexed trace minerals** have shown to be more digestible compared to inorganic trace minerals and in the case of starting cattle, can decrease sickness and medical costs while enhancing feedlot performance.

**High Vitamin E levels** have been shown to improve the health and performance of stressed cattle as it is associated with the immune system.

**Yeast** stimulates intake and rumen metabolism.

**Buffers** control rumen acidity and aid in restoring rumen function to keep cattle on feed.

**Potassium** helps stressed cattle regain shipping shrink quickly.

**Can be fed in an all-natural beef feeding program.**

## FEEDING DIRECTIONS

For starting healthy feeder cattle, feed Kent ARRIVALmax Supplement at the rate of 2 pounds per head per day for 14 days along with 2 to 4 pounds of grain. Feed roughage to appetite. Then switch to regular feeding program.

Contact your local KNG Plant or Representative for medication options.

**CAUTION:** Do not feed to sheep.



## ARRIVALMAX<sup>®</sup> SUPPLEMENT

For cattle on pasture and feedlot cattle.

### GUARANTEED ANALYSIS

Crude Protein, min.....	25.0%
Crude Fat, min.....	2.0%
Crude Fiber, max.....	10.0%
Calcium (Ca), min.....	1.6%
Calcium (Ca), max.....	2.1%
Phosphorus (P), min.....	0.75%
Salt (NaCl), min.....	2.4%
Salt (NaCl), max.....	2.9%
Potassium (K), min.....	0.9%
Vitamin A, min.....	54,600 IU/lb
Vitamin D3, min.....	25,600 IU/lb
Vitamin E, min.....	115 IU/lb

3

### INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Sodium Bicarbonate, Cane Molasses, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Riboflavin Supplement, Niacin Supplement, Calcium Pantothenate, Vitamin B12 Supplement, Choline Chloride, Folic Acid, Biotin, Pyridoxine Hydrochloride, Thiamine Mononitrate, Copper Amino Acid Complex, Manganese Amino Acid Complex, Zinc Amino Acid Complex, Cobalt Glucoheptonate, Reed-Sedge Peat, Calcium Iodate, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Chromium Propionate, Sodium Selenite, Selenium Yeast.

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# ARRIVALMAX<sup>®</sup> BALANCER PELLET

## PRODUCT DESCRIPTION

A highly fortified balancer designed for newly arrived, stressed, preconditioning and starting feeder cattle being fed diets containing co-products.

## FEATURES AND BENEFITS

**BoVantage<sup>®</sup> technology** which can help promote a health rumen, help combat stress, and provide immune system support.

**Complexed trace minerals** have shown to be more digestible compared to inorganic trace minerals and in the case of starting cattle, can decrease sickness and medical costs while enhancing feedlot performance.

**High Vitamin E** levels have been shown to improve the health and performance of stressed cattle as Vitamin E is associated with the immune system.

**Yeast** stimulates intake and rumen metabolism.

**Buffers** control rumen acidity and aid in restoring rumen function to keep cattle on feed.

**Potassium** helps stressed cattle regain shipping shrink quickly.

**Can be fed in an all-natural beef feeding program.**

## FEEDING DIRECTIONS

For starting feeder cattle, feed ARRIVALmax Balancer Pellet at the rate of 1.0 pound per head per day for 14 to 28 days along with 2 to 4 pounds of distillers or corn gluten dry matter. Feed roughage to appetite. Then switch to regular feeding program.

Contact your local KNG Plant or Representative for medication options.

**CAUTION:** Do not feed to sheep.



## ARRIVALMAX<sup>®</sup> BALANCER PELLET

For cattle on pasture and feedlot cattle.

### GUARANTEED ANALYSIS

Crude Protein, min.....	32.0%
Crude Fat, min.....	0.5%
Crude Fiber, max.....	10.0%
Calcium (Ca), min.....	6.4%
Calcium (Ca), max.....	7.6%
Phosphorus (P), min.....	0.45%
Salt (NaCl), min.....	3.5%
Salt (NaCl), max.....	4.5%
Sodium (Na), min.....	1.6%
Sodium (Na), max.....	2.1%
Potassium (K), min.....	1.1%
Vitamin A, min.....	110,000 IU/lb
Vitamin D3, min.....	51,300 IU/lb
Vitamin E, min.....	230 IU/lb

3

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Calcium Carbonate, Sodium Bicarbonate, Cane Molasses, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Riboflavin Supplement, Calcium Pantothenate, Niacin Supplement, Choline Chloride, Vitamin B12 Supplement, Folic Acid, Biotin, Pyridoxine Hydrochloride, Thiamine Mononitrate, Copper Amino Acid Complex, Manganese Amino Acid Complex, Zinc Amino Acid Complex, Cobalt Glucoheptonate, Reed-Sedge Peat, Calcium Iodate, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Chromium Propionate, Sodium Selenite, Selenium Yeast.

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# BABY BEEF™ COMPLETE

## PRODUCT DESCRIPTION

A complete pelleted feed ideal for all classes of cattle. Kent Baby Beef Complete is particularly suited for young beef animals, newly “shipped in” cattle, or cattle under stress conditions due to inclement weather or sickness. This product can be fed from weaning through finishing and is a very palatable feed designed to encourage intake to help get cattle on feed faster and keep them eating for optimum health and condition. Every bite provides proper levels of all nutrients.

## FEATURES AND BENEFITS

**BoVantage®** is a proprietary Kent supplement rich in trace minerals and natural chelating agents from organic acids and fresh water carbon. This research-proven supplement advances animal nutrition by supporting nutrient availability and absorption in the intestinal tract. Good digestion helps ensure your cattle get the most out of what they eat. BoVantage is Kent’s “nutrition optimizer” and as such, may help promote a healthy rumen, help animals combat the effects of stress, and provide support for the immune system.

**KemTRACE® Chromium Propionate** is a highly bioavailable, organic source of chromium for cattle. Chromium is an organic trace mineral research has shown to help stimulate intake while enhancing rate of gain and feed efficiency. KemTRACE Chromium is the only chromium source permitted by the FDA for use in cattle.

**Availa®4** is a nutritional feed ingredient for animals that contains a combination of organic zinc, manganese, copper and cobalt. These trace minerals are required by animals for numerous functions including: immunity, reproduction, skin and hoof integrity, growth and muscle development, milk production, fiber digestion and energy metabolism. In addition, when an animal has the proper balance of trace minerals it is better able to cope with the challenging effects of stress.

**Selenium Yeast** helps stimulate intake and rumen metabolism and provides unique support for animal health and performance.

**Vitamin A** fortification may aid in reducing vision and respiratory problems.

**Vitamin D** fortification is necessary for proper assimilation and use of calcium and phosphorus.

**Medication** options are available to address specific situations.

## FEEDING DIRECTIONS

Feed continuously at a rate of 1% - 3% of body weight per head per day to confined beef cattle. Contact your Kent Nutrition Group representative for additional feeding information and medication options.



## BABY BEEF™ COMPLETE

A complete feed for beef cattle.

### GUARANTEED ANALYSIS

Crude Protein, min.....	14.0%
Crude Fat, min .....	2.0%
Crude Fiber, max .....	19.0%
Calcium (Ca), min.....	0.7%
Calcium (Ca), max.....	1.2%
Phosphorus (P), min .....	0.45%
Salt (NaCl), min .....	0.1%
Salt (NaCl), max .....	0.6%
Potassium (K), min.....	1.0%
Vitamin A, min .....	11,750 IU/lb
Vitamin D3, min .....	5,800 IU/lb

1

### INGREDIENTS

Processed Grain By-Products, Roughage Products, Molasses Products, Plant Protein Products, Calcium Carbonate, Grain Products, Reed-Sedge Peat, Salt, Copper Amino Acid Complex, Manganese Amino Acid Complex, Zinc Amino Acid Complex, Cobalt Glucoheptonate, Chromium Propionate, Anise Oil, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Potassium Chloride, Sodium Bicarbonate, Selenium Yeast, L-Ascorbyl-2-Polyphosphate (source of Vitamin C), Thiamine Mononitrate, Pyridoxine Hydrochloride, Calcium Pantothenate, Niacin Supplement, Folic Acid, Riboflavin Supplement, Choline Chloride, Mineral Oil, DL-Methionine, L-Threonine, Vitamin B12 Supplement, Biotin.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

*Availa®4 is manufactured by Zinpro Corporation, Eden Prairie, MN 55344 | USA.  
Kemin and KemTRACE® are registered trademarks of Kemin Industries, Inc.*

# 34% BABY BEEF™

## PRODUCT DESCRIPTION

A natural protein supplement ideal for all classes of cattle. Kent 34% Baby Beef is particularly suited for young beef animals, newly “shipped in” cattle, or cattle under stress conditions due to inclement weather or sickness. This supplement can be fed through the entire finishing period.

## FEATURES AND BENEFITS

**PNP®** (Protected Natural Protein) is a type of protein which bypasses the rumen to improve the quality of protein available to the animal for growth.

**Minerals** are added to the supplement to ensure the requirements of the animal are met.

**Vitamin A** aids in reducing vision and respiratory problems.

**Vitamin D** is necessary for proper assimilation and use of calcium and phosphorus.

**Vitamin E** is important for maintaining the animal's immune system.

**Medication** options include Bovatec™, Rumensin™ and MGA™ to address specific situations.

## FEEDING DIRECTIONS

This supplement should be fed at the rate of 0.5 - 1.75 lb/head/day depending on the amount and quality of roughage and grain fed, the rate of gain desired and the size of the cattle.

Kent 34% Baby Beef may be fed with cracked shelled corn, ground ear corn, milo, or any mixture of corn and roughage available to the feeder.

This supplement has also been designed to be fed with corn silage that is supplemented with urea at ensilage time.

Contact your Kent Nutrition Group representative for more precise feeding and mixing directions.



## 34% BABY BEEF™

A beef cattle supplement for mixing creep, steer, heifer, cow and bull rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	34.0%
Crude Fat, min. ....	1.0%
Crude Fiber, max. ....	9.0%
Calcium (Ca), min.....	3.2%
Calcium (Ca), max.....	4.2%
Phosphorus (P), min. ....	1.0%
Salt (NaCl), min.....	1.6%
Salt (NaCl), max. ....	2.1%
Potassium (K), min.....	1.1%
Cobalt (Co), min. ....	2 ppm
Zinc (Zn), min.....	700 ppm
Vitamin A, min. ....	30,000 IU/lb
Vitamin D <sub>3</sub> , min. ....	3,000 IU/lb
Vitamin E, min.....	30 IU/lb

21

### INGREDIENTS

Processed Grain By-Products, Soybean Meal, Linseed Meal, Sunflower Meal, Animal Protein Products, Dehydrated Alfalfa Meal, Cane Molasses, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Choline Chloride, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Magnesium Oxide, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

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**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# 34% BABY BEEF™ 400B

## PRODUCT DESCRIPTION

A natural protein supplement ideal for all classes of cattle. Kent 34% Baby Beef is particularly suited for young beef animals, newly “shipped in” cattle, or cattle under stress conditions due to inclement weather or sickness. This supplement can be fed through the entire finishing period.

## FEATURES AND BENEFITS

**PNP®** (Protected Natural Protein) is a type of protein which bypasses the rumen to improve the quality of protein available to the animal for growth.

**Minerals** are added to the supplement to ensure the requirements of the animal are met.

**Vitamin A** aids in reducing vision and respiratory problems.

**Vitamin D** is necessary for proper assimilation and use of calcium and phosphorus.

**Vitamin E** is important for maintaining the animal’s immune system.

**Lasalocid** for improved feed efficiency and increased rate of weight gain in beef cattle fed in confinement for slaughter (25-30 g/ton). For improved feed efficiency in beef cattle fed in confinement for slaughter (10-30 g/ton). For increased rate of weight gain in pasture cattle (slaughter, stocker, feeder cattle and dairy and beef replacement heifers) (60-200 mg/head/day).

## FEEDING DIRECTIONS

**Lasalocid 25-30 g/ton:** Mix 34% Baby Beef 400B with grain and/or roughage to provide 25-30 grams of Lasalocid/ton of complete feed. Feed continuously at rates shown below which provide 250-360 mg of Lasalocid/head/day.

**Lasalocid 10-30 g/ton:** Mix 34% Baby Beef 400B with grain and/or roughage to provide 10-30 grams of Lasalocid/ton of complete feed. Feed continuously at rates shown below which provide 100-360 mg of Lasalocid/head/day.

**Lasalocid 60-200 mg/head/day:** Mix 34% Baby Beef 400B with grain and/or roughage in a complete feed and feed continuously at a rate shown below to provide 60-200 mg/head/day.



## 34% BABY BEEF™ 400B MEDICATED

A beef cattle supplement for mixing steer and heifer feedlot rations.

For improved feed efficiency and increased rate of weight gain in beef cattle fed in confinement for slaughter (25-30 g/ton). For improved feed efficiency in beef cattle fed in confinement for slaughter (10-30 g/ton). For increased rate of weight gain in pasture cattle (slaughter, stocker, feeder cattle and dairy and beef replacement heifers) (60-200 mg/head/day).

### ACTIVE DRUG INGREDIENT

Lasalocid..... 400 gm/ton

### GUARANTEED ANALYSIS

Crude Protein, min.....	34.0%
Crude Fat, min.....	1.0%
Crude Fiber, max.....	9.0%
Calcium (Ca), min.....	3.2%
Calcium (Ca), max.....	4.2%
Phosphorus (P), min.....	1.0%
Salt (NaCl), min.....	1.6%
Salt (NaCl), max.....	2.1%
Potassium (K), min.....	1.1%
Cobalt (Co), min.....	2 ppm
Zinc (Zn), min.....	700 ppm
Vitamin A, min.....	30,000 IU/lb
Vitamin D <sub>3</sub> , min.....	3,000 IU/lb
Vitamin E, min.....	30 IU/lb

4

### INGREDIENTS

Processed Grain By-Products, Soybean Meal, Linseed Meal, Sunflower Meal, Animal Protein Products, Dehydrated Alfalfa Meal, Cane Molasses, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Choline Chloride, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Magnesium Oxide, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

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*continued*

**MIXING DIRECTIONS**

Animal Wt lb	Lasalocid Intake mg/hd/day	Feed Intake, lb/hd/day		lb Suppl/ton Complete Feed	Lasalocid In Complete Feeds	
		Suppl 400B	Other Incred		g/ton	mg/lb
<400	100 - 150	0.50 - 0.75	10	95 - 140	19 - 28	9.5 - 14.0
400 - 600	150 - 200	0.75 - 1.00	13	109 - 143	22 - 29	11.0 - 14.5
600 - 800	200 - 250	1.00 - 1.25	16	118 - 145	24 - 29	12.0 - 14.5
800 - 1000	250 - 300	1.25 - 1.50	19	123 - 146	25 - 29	12.5 - 14.5
>1000	300 - 360	1.50 - 1.80	23	122 - 145	24 - 29	12.0 - 14.5

**CAUTION:** The safety of Lasalocid for use in unapproved species has not been established. Do not allow horses or other equines access to feeds containing Lasalocid as ingestion may be fatal. Feeding undiluted or mixing errors may result in an excess Lasalocid concentration which could be fatal to cattle and sheep. Mix thoroughly with grain and/or roughage prior to feeding.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating cattle. Do not use in calves to be processed for veal.

*Bovatec® is a registered trademark of Alpharma Animal Health.*



# 34% BABY BEEF™ 500M 400B

## PRODUCT DESCRIPTION

A natural protein supplement ideal for all classes of cattle. Kent 34% Baby Beef is particularly suited for young beef animals, newly "shipped in" cattle, or cattle under stress conditions due to inclement weather or sickness. This supplement can be fed through the entire finishing period.

## FEATURES AND BENEFITS

**PNP®** (Protected Natural Protein) is a type of protein which bypasses the rumen to improve the quality of protein available to the animal for growth.

**Minerals** are added to the supplement to ensure the requirements of the animal are met.

**Vitamin A** aids in reducing vision and respiratory problems.

**Vitamin D** is necessary for proper assimilation and use of calcium and phosphorus.

**Vitamin E** is important for maintaining the animal's immune system.

**Lasalocid** for improved feed efficiency and increased rate of weight gain in beef cattle fed in confinement for slaughter (25-30 g/ton). For improved feed efficiency in beef cattle fed in confinement for slaughter (10-30 g/ton). For increased rate of weight gain in pasture cattle (slaughter, stocker, feeder cattle and dairy and beef replacement heifers) (60-200 mg/head/day).

## FEEDING DIRECTIONS

Feed continuously to heifers at the rate of 1.0 pound per head per day to provide 0.5 mg of Melengestrol Acetate and 200 mg of Lasalocid. Mix into a complete feed prior to feeding. Estimate daily pounds of air dry ration to be consumed per head and add the indicated level of dry supplement to the appropriate amount of feedstuffs to make one ton of complete air dry feed.

**Important:** Only for use in heifers being fed in confinement for slaughter.

## MIXING DIRECTIONS

Heifer Consumption lb air-dry feed	mg Drug/lb Supplement		Feed Consumption (lb/head/day)		lb Supplement/ton Complete Feed
	MGA	Lasalocid	Supplement	Other Ration Components	
15-19	0.5	200	1	16	118
20 and up	0.5	200	1	21	91

Melengestrol Acetate and Lasalocid may be fed continuously throughout the time the heifers are being grown and finished for slaughter. Lasalocid should be mixed in the complete feed to provide 10-30 g/ton.



## 34% BABY BEEF™ 500M 400B MEDICATED

A beef cattle supplement for mixing heifer feedlot rations. For increased rate of weight gain, improved feed efficiency and suppression of estrus (heat) in beef heifers fed in confinement for slaughter.

### ACTIVE DRUG INGREDIENT

Melengestrol Acetate ..... 0.00011%  
Lasalocid ..... 400 gm/ton  
Each lb contains 0.5 mg Melengestrol Acetate and 200 mg Lasalocid

### GUARANTEED ANALYSIS

Crude Protein, min. .... 34.0%  
Crude Fat, min. .... 1.0%  
Crude Fiber, max. .... 9.0%  
Calcium (Ca), min. .... 3.2%  
Calcium (Ca), max. .... 4.2%  
Phosphorus (P), min. .... 1.0%  
Salt (NaCl), min. .... 1.6%  
Salt (NaCl), max. .... 2.1%  
Potassium (K), min. .... 1.1%  
Cobalt (Co), min. .... 2 ppm  
Zinc (Zn), min. .... 700 ppm  
Vitamin A, min. .... 30,000 IU/lb  
Vitamin D<sub>3</sub>, min. .... 3,000 IU/lb  
Vitamin E, min. .... 30 IU/lb

3

### INGREDIENTS

Processed Grain By-Products, Soybean Meal, Linseed Meal, Sunflower Meal, Animal Protein Products, Dehydrated Alfalfa Meal, Cane Molasses, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Choline Chloride, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Magnesium Oxide, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

### MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

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**CAUTION:** The safety of Lasalocid for use in unapproved species has not been established. Do not allow horses or other equines access to feeds containing Lasalocid as ingestion may be fatal. Feeding undiluted or mixing errors may result in an excess Lasalocid concentration which could be fatal to cattle and sheep. Mix thoroughly with grain and/or roughage prior to feeding.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating cattle. Do not use in calves to be processed for veal.

*Bovatec® is a registered trademark of Alpharma Animal Health.*

# 36% CATTLE AN

## PRODUCT DESCRIPTION

An economical, all-natural protein supplement for growing and finishing beef cattle.

## FEATURES AND BENEFITS

Proper balance of minerals are added at the necessary level **to fill the deficiencies of beef finishing rations.**

Fortified with vitamin A **to help reduce respiratory problems.**

All natural protein **to increase palatability and improve handling compared to a urea-containing feed.**

## FEEDING DIRECTIONS

Feed 36% Cattle AN from 0.5 to 1.75 lb per head per day depending on the amount and quality of roughage and grain fed, and size of the cattle. This supplement is available with various additives.

Refer to your price sheet.

**CAUTION:** Feed only to ruminants.



## 36% CATTLE AN

A beef cattle supplement for mixing steer and heifer rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	36.0%
Crude Fat, min. ....	1.5%
Crude Fiber, max. ....	7.0%
Calcium (Ca), min.....	2.1%
Calcium (Ca), max.....	2.6%
Phosphorus (P), min. ....	0.65%
Salt (NaCl), min. ....	1.7%
Salt (NaCl), max. ....	2.2%
Potassium (K), min.....	0.1%
Zinc (Zn), min.....	300 ppm
Vitamin A, min.....	27,000 IU/lb
Vitamin D3, min. ....	2,900 IU/lb
Vitamin E, min.....	19 IU/lb

3

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Animal Protein Products, Calcium Carbonate, Cane Molasses, Salt, Calcium Iodate, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Ethoxyquin and BHT (preservatives).

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**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# CATTLE 32 AN

## PRODUCT DESCRIPTION

An economical, all natural protein supplement for growing and finishing beef cattle.

## FEATURES AND BENEFITS

**Proper balance of minerals** are added at the necessary level to fill the deficiencies of beef finishing rations.

**Fortified with vitamin A** to help reduce respiratory problems.

**All natural protein** to increase palatability and improve handling compared to a urea-containing feed.

## FEEDING DIRECTIONS

Feed at the rate of 0.5 to 2.0 lb/head/day. The rate will depend on the combination of grain and roughage fed and on the quality of the feed. The size of the cattle and rate of gain desired will also help determine the rate of supplement fed.

This supplement is available with various additives. Refer to your price sheet.

Feed only to ruminants.



# CATTLE 32 AN

A beef cattle supplement for mixing steer and heifer rations.

## GUARANTEED ANALYSIS

Crude Protein, min.....	32.0%
Crude Fat, min. ....	1.0%
Crude Fiber, max. ....	14.0%
Calcium (Ca), min.....	4.0%
Calcium (Ca), max.....	5.0%
Phosphorus (P), min. ....	1.0%
Salt (NaCl), min.....	1.8%
Salt (NaCl), max. ....	2.3%
Potassium (K), min.....	1.0%
Vitamin A, min. ....	25,000 IU/lb
Vitamin D3, min. ....	2,500 IU/lb
Vitamin E, min.....	25 IU/lb

6

## INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Animal Protein Products, Cane Molasses, Calcium Carbonate, Salt, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Manganese Sulfate, Zinc Sulfate, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

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# BABY BEEF™ 44

## PRODUCT DESCRIPTION

A highly fortified growing-finishing supplement for beef cattle.

## FEATURES AND BENEFITS

**Contains PNP® (Protected Natural Protein)** - the bypassing of the rumen by certain proteins improves the quality of protein available to the tissue for growth. PNP protein is utilized more efficiently to reduce total protein needs.

**Guaranteed minerals added** - When urea is added to the ration, the trace mineral level becomes critical and additional minerals are added. Trace minerals such as sulfur and cobalt promote bacteria growth in the rumen helping increase feed efficiency. The addition of zinc to the ration has shown increased performance in tests conducted by Purdue University and the Kent Product Development Center.

**Vitamin A** reduces respiratory problems.

**Vitamin D** is necessary for proper assimilation and use of calcium and phosphorus.

**Vitamin E** is important for maintaining the animal's immune system.

**Available as Baby Beef™ 44 500B with 500 grams of Bovatec or Rumensin per ton** for improved feed efficiency.

**Available as Heifer Baby Beef™ 44 625M-500B with 500 grams of Bovatec® per ton and .625 mg of MGA® per lb** for improved feed efficiency and estrus suppression with feedlot heifers.

## FEEDING DIRECTIONS

This supplement should be fed at the rate of 0.5 - 1.3 lb/head/day depending on the amount and quality of roughage and grain fed, the rate of gain desired and the size of the cattle.

Feedlot Mineral should be included in high energy finishing diets.

For more precise feeding and mixing directions, contact a KNG representative.



## BABY BEEF™ 44

A beef cattle supplement for mixing steer, heifer, cow and bull rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	44.0%
This includes not more than 18.0% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min. ....	1.0%
Crude Fiber, max. ....	9.0%
Calcium (Ca), min.....	6.0%
Calcium (Ca), max.....	7.2%
Phosphorus (P), min. ....	1.3%
Salt (NaCl), min. ....	2.1%
Salt (NaCl), max. ....	2.6%
Potassium (K), min.....	0.9%
Cobalt (Co), min. ....	3 ppm
Zinc (Zn), min.....	900 ppm
Vitamin A, min. ....	40,000 IU/lb
Vitamin D3, min. ....	4,000 IU/lb
Vitamin E, min.....	40 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

16

### INGREDIENTS

Processed Grain By-Products, Soybean Meal, Linseed Meal, Sunflower Meal, Animal Protein Products, Cane Molasses, Urea, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Sulfate, Animal Fat, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Manganese Sulfate, Zinc Sulfate, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# FEEDLOT™ 40-20

## PRODUCT DESCRIPTION

A high-protein supplement containing urea for finishing cattle.

## FEATURES AND BENEFITS

**Urea** is added for greater economy. The rumen's ability to convert urea into usable nitrogen helps reduce supplement cost.

**Formulated specifically for finishing rations** because high-energy finishing rations allow increased levels of urea to be utilized efficiently.

**High mineral fortification** because when urea is added to the ration, the trace mineral level becomes critical and additional minerals are needed.

## FEEDING DIRECTIONS

Feed at a rate of 0.5 - 1.8 lb per head per day. The feeding rate depends on the program being followed, type of grain, quality of roughage being fed, and size and genetic ability of finishing cattle. These products may be fed with grain or grain and roughage.

Various additives and options are available with this supplement, including Rumensin, Bovatec and MGA. Contact the plant for availability.



## FEEDLOT™ 40-20

A beef cattle supplement for mixing steer and heifer feedlot rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	40.0%
This includes not more than 20% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min. ....	1.0%
Crude Fiber, max. ....	14.0%
Calcium (Ca), min.....	8.0%
Calcium (Ca), max.....	9.5%
Phosphorus (P), min. ....	0.8%
Salt (NaCl), min.....	2.3%
Salt (NaCl), max. ....	2.8%
Potassium (K), min.....	0.7%
Zinc (Zn), min.....	1,000 ppm
Vitamin A, min. ....	30,000 IU/lb
Vitamin D3, min. ....	3,000 IU/lb
Vitamin E, min.....	30 IU/lb

**WARNING:** This feed is to be fed to ruminants only. Use in accordance with directions on this label.

7

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Animal Protein Products, Urea, Calcium Carbonate, Salt, Calcium Sulfate, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Potassium Chloride, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Zinc Oxide, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# FEEDLOT™ 40-30

## PRODUCT DESCRIPTION

A high-protein supplement containing urea for finishing cattle.

## FEATURES AND BENEFITS

**Urea** is added for greater economy. The rumen's ability to convert urea into usable nitrogen helps reduce supplement cost.

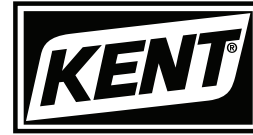
**Formulated specifically for finishing rations** because high-energy finishing rations allow increased levels of urea to be utilized efficiently.

**High mineral fortification** because when urea is added to the ration, the trace mineral level becomes critical and additional minerals are needed.

## FEEDING DIRECTIONS

Feed at a rate of 0.5 - 1.8 lb per head per day. The feeding rate depends on the program being followed, type of grain, quality of roughage being fed, and size and genetic ability of finishing cattle. These products may be fed with grain or grain and roughage.

Various additives and options are available with this supplement, including Rumensin, Bovatec and MGA. Contact the plant for availability.



## FEEDLOT™ 40-30

A beef cattle supplement for mixing steer and heifer feedlot rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	40.0%
This includes not more than 30% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min. ....	1.0%
Crude Fiber, max. ....	12.0%
Calcium (Ca), min.....	8.0%
Calcium (Ca), max.....	9.5%
Phosphorus (P), min. ....	0.5%
Salt (NaCl), min.....	2.3%
Salt (NaCl), max. ....	2.8%
Potassium (K), min.....	0.6%
Cobalt (Co), min. ....	1.0 ppm
Zinc (Zn), min.....	1,000 ppm
Vitamin A, min. ....	30,000 IU/lb
Vitamin D3, min. ....	3,000 IU/lb
Vitamin E, min.....	30 IU/lb

**WARNING:** This feed is to be fed to ruminants only. Use in accordance with directions on this label.

6

### INGREDIENTS

Processed Grain By-Product, Plant Protein Products, Urea, Roughage Products, Calcium Carbonate, Salt, Calcium Sulfate, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Maganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Zinc Oxide, Sodium Selenite, Ethoxyquin and BHT (preservatives).

### MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# FEEDLOT™ 55

## PRODUCT DESCRIPTION

A high-protein supplement containing urea for finishing cattle.

## FEATURES AND BENEFITS

**Urea** is added at the 35% equivalent crude protein level for greater economy - the rumen's ability to convert urea into usable nitrogen helps economize on supplement cost.

**Formulated specifically for finishing rations** so the high-energy finishing rations allow increased levels of urea to be utilized efficiently.

**High mineral fortification** because when urea is added to the ration, the trace mineral level becomes critical and additional minerals are added.

**Scientific blend of all minerals**, particularly sulfur for the inclusion of the proper level of sulfur and cobalt, when using urea, has given improved weight gains and feed efficiency.

## FEEDING DIRECTIONS

Feed at a rate of 0.5 to 1.8 lb/head/day. The feeding rate depends on the program being followed, type of grain, quality of roughage being fed, and size and genetic ability of finishing cattle.

May be fed with grain or grain and roughage. Various additives and options are available with this supplement. Refer to your KNG representative for more information.



## FEEDLOT™ 55

A beef cattle supplement for mixing steer and heifer feedlot rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	55.0%
This includes not more than 35.0% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min. ....	1.5%
Crude Fiber, max. ....	9.5%
Calcium (Ca), min.....	8.0%
Calcium (Ca), max.....	9.5%
Phosphorus (P), min. ....	1.0%
Salt (NaCl), min.....	2.6%
Salt (NaCl), max. ....	3.6%
Potassium (K), min.....	0.8%
Vitamin A, min. ....	40,000 IU/lb
Vitamin D3, min. ....	4,000 IU/lb
Vitamin E, min.....	40 IU/lb

### WARNING:

This feed is to be fed to ruminants only. Use in accordance with directions on this label.

7

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Animal Protein Products, Urea, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Calcium Sulfate, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Potassium Chloride, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# BEEF PRO™ 40-30

## PRODUCT DESCRIPTION

A 40% supplement containing urea combining quality with economy for growing and finishing cattle.

## FEATURES AND BENEFITS

Contains urea for added economy - the rumen's ability to convert urea into usable nitrogen **helps the cattle-man economize on supplement cost.**

Proper mineral fortification - when urea is added to the ration, the trace mineral level becomes critical and additional minerals are added.

Cobalt and sulfur **promote bacteria growth in the rumen helping increase feed efficiency.** The addition of zinc to the ration has **shown increased performance** in tests conducted at the Kent Product Development Center.

Vitamins added - Vitamin A **helps reduce respiratory problems.** Vitamin D is necessary **for proper assimilation and use of calcium and phosphorus.** Vitamin E is **important for maintaining the animal's immune system.**

## FEEDING DIRECTIONS

Beef Pro 40-30 should be fed at the rate of 0.5 to 1.8 lb/head/day depending on the amount and quality of roughage and grain used, rate of gain desired, and the size of cattle.

Various additives and options are available with these supplements. Refer to your price sheet.



## BEEF PRO™ 40-30

A beef cattle supplement for mixing steer and heifer feedlot rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	40.0%
This includes not more than 30.0% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min. ....	1.0%
Crude Fiber, max. ....	12.0%
Calcium (Ca), min.....	4.5%
Calcium (Ca), max.....	5.5%
Phosphorus (P), min. ....	0.5%
Salt (NaCl), min.....	1.8%
Salt (NaCl), max.....	2.3%
Potassium (K), min.....	0.4%
Zinc (Zn), min.....	650 ppm
Vitamin A, min. ....	30,000 IU/lb
Vitamin D3, min. ....	3,000 IU/lb

**Warning:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

7

### INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Urea, Roughage Products, Calcium Carbonate, Salt, Calcium Sulfate, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Magnesium Oxide, Sodium Selenite, Ethoxyquin and BHT (preservatives).

Manufactured by  
**KENT NUTRITION GROUP, INC.**  
Headquarters in Muscatine, IA 52761



# BEEF 40-15

## PRODUCT DESCRIPTION

A 40% supplement containing urea combining quality with economy for growing and finishing cattle.

## FEATURES AND BENEFITS

**Contains urea** for added economy - the rumen's ability to convert urea into usable nitrogen helps the cattle-man economize on supplement cost.

Proper mineral fortification - when urea is added to the ration, the trace mineral level becomes critical and additional minerals are added.

**Cobalt and sulfur** promote bacteria growth in the rumen helping increase feed efficiency. The addition of zinc to the ration has shown increased performance in tests conducted at the Kent Product Development Center.

**Vitamins added** - Vitamin A helps reduce respiratory problems. Vitamin D is necessary for proper assimilation and use of calcium and phosphorus. Vitamin E is important for maintaining the animal's immune system.

## FEEDING DIRECTIONS

Feed Beef 40-15 from 0.75 to 1.8 lb/head/day depending on amount and quality of roughage and grain fed and the size of the cattle.

Various additives and options are available with these supplements. Refer to your price sheet.



## BEEF 40-15

A beef cattle supplement for mixing steer and heifer feedlot rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	40.0%
(This includes not more than 15% equivalent crude protein from non-protein nitrogen.)	
Crude Fat, min. ....	1.0%
Crude Fiber, max. ....	12.0%
Calcium (Ca), min.....	4.5%
Calcium (Ca), max.....	5.5%
Phosphorus (P), min. ....	0.5%
Salt (NaCl), min.....	1.8%
Salt (NaCl), max. ....	2.3%
Potassium (K), min.....	0.4%
Vitamin A, min. ....	30,000 IU/lb
Vitamin D3, min. ....	3,000 IU/lb

**Warning:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

8

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Roughage Products, Animal Protein Products, Urea, Calcium Carbonate, Salt, Calcium Sulfate, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# GO-PRO™

## PRODUCT DESCRIPTION

A finishing supplement for cattle on high energy diets.

## FEATURES AND BENEFITS

**Contains PNP® (Protected Natural Protein)** - the bypassing of the rumen by certain proteins improves the quality of protein available to the tissue for growth. PNP protein is utilized more efficiently to reduce total protein needs.

**Guaranteed minerals added** - when urea is added to the ration, trace mineral level becomes critical and additional minerals are added. Sulfur and cobalt promote bacterial growth in the rumen helping increase feed efficiency. The addition of zinc to the ration has shown increased performance in tests conducted by Purdue University and the Kent Product Development Center. Potassium and magnesium levels are critical in high grain finishing rations.

**Vitamin A** reduces respiratory problems.

**Vitamin D** is necessary for proper assimilation and use of calcium and phosphorus.

**Vitamin E** is important for maintaining the animal's immune system.

**Available with Bovatec®, MGA®, Rumensin® and Tylan®.**

The following Kent research illustrates how the addition of potassium and magnesium in an otherwise well-formulated diet can significantly improve cattle gains and efficiency.

	<b>Control Ration</b>	<b>Control + Magnesium and Potassium</b>	<b>% Improvement</b>
Avg. Daily gain, lb	2.22	2.51	+13.1
Avg. Daily feed intake, lb*	16.24	16.50	+1.6
Feed/lb gain, lb*	7.33	6.57	+10.4

\*Dry matter basis

168 day trial, 80 steers, 624-1025 lb, Kent Product Development Center

## FEEDING DIRECTIONS

Thoroughly mix 1.0 lb Go-Pro with grain and roughage per head per day to cattle over 700 lb body weight. For more precise feeding and mixing directions, contact a KNG representative.



## GO-PRO™

A beef cattle supplement for mixing steer and heifer feedlot rations.

## GUARANTEED ANALYSIS

Crude Protein, min.....	34.0%
This includes not more than 17.0% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min. ....	1.0%
Crude Fiber, max. ....	9.0%
Calcium (Ca), min.....	8.0%
Calcium (Ca), max.....	9.5%
Phosphorus (P), min. ....	1.0%
Salt (NaCl), min. ....	2.1%
Salt (NaCl), max. ....	2.6%
Potassium (K), min.....	3.4%
Magnesium (Mg), min.....	0.6%
Vitamin A, min. ....	40,000 IU/lb
Vitamin D3, min. ....	4,000 IU/lb
Vitamin E, min.....	40 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

11

## INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Animal Protein Products, Cane Molasses, Urea, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Calcium Sulfate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Animal Fat, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Magnesium Oxide, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# CO-PRODUCT BALANCER

## PRODUCT DESCRIPTION

A pelleted, highly fortified vitamin and mineral balancer designed to meet the nutritional requirements for finishing cattle diets containing co-products of the corn milling industry.

## FEATURES AND BENEFITS

**Guaranteed levels of calcium and salt** to balance the high phosphorus and potassium levels of co-products.

**Added trace minerals** (manganese, iron, iodine, copper, cobalt, zinc, selenium) to maximize growth and efficiencies.

**Guaranteed level of Vitamin A** to aid in reducing respiratory problems.

**Guaranteed level of Vitamin D** for proper assimilation and use of calcium and phosphorus.

**Guaranteed level of Vitamin E** to help maintain the immune system.

**Added thiamine (vitamin B1)** to help prevent the incidence of polio, a condition sometimes encountered in cattle fed diets containing co-products.

**This product also serves as a carrier** for additives such as lasalocid (Bovatec®), monensin (Rumensin®), or melengestrol acetate (MGA®).

## FEEDING DIRECTIONS

Feed 0.75 lb per head per day to finishing cattle.



## CO-PRODUCT BALANCER

A vitamin and mineral supplement for beef cattle fed in the feedlot.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	14.0%
Calcium (Ca), max.....	16.8%
Salt (NaCl), min.....	6.5%
Salt (NaCl), max.....	7.8%
Magnesium (Mg), min.....	0.19%
Vitamin A, min.....	126,000 IU/lb
Vitamin D3, min.....	12,600 IU/lb
Vitamin E, min.....	126 IU/lb

2

### INGREDIENTS

Processed Grain By-Products, Calcium Carbonate, Salt, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Thiamine Mononitrate, Sodium Selenite.

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*Bovatec is a registered trademark of Alpharma Animal Health.*

*MGA is a registered trademark of Pfizer Animal Health.*

*Rumensin is a registered trademark of Elanco Animal Health.*

# CO-PRODUCT BALANCER MEAL

## PRODUCT DESCRIPTION

A highly fortified vitamin and mineral balancer designed to meet the nutritional requirements for finishing cattle diets containing co-products of the corn milling industry.

## FEATURES AND BENEFITS

**Guaranteed levels of calcium and salt** to balance the high phosphorus and potassium levels of co-products.

**Added trace minerals (manganese, iron, iodine, copper, cobalt, zinc, selenium)** to maximize growth and efficiencies.

**Guaranteed level of Vitamin A** to aid in reducing respiratory problems.

**Guaranteed level of Vitamin D** for proper assimilation and use of calcium and phosphorus.

**Guaranteed level of Vitamin E** to help maintain the immune system.

**Added thiamine (vitamin B1)** to help prevent the incidence of polio, a condition sometimes encountered in cattle fed diets containing co-products.

Co-Product Balancer Meal also serves as a carrier for additives such as lasalocid (Bovatec®), monensin (Rumensin®), tylosin (Tylan®), or melengestrol acetate (MGA®).

## FEEDING DIRECTIONS

Feed 0.5 pound per head per day to cattle being fed diets containing co-products.



## CO-PRODUCT BALANCER MEAL

A vitamin and mineral supplement for beef cattle fed in confinement.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	28.0%
Calcium (Ca), max.....	33.0%
Salt (NaCl), min.....	12.5%
Salt (NaCl), max.....	15.0%
Vitamin A, min.....	140,000 IU/lb
Vitamin D3, min.....	14,000 IU/lb
Vitamin E, min.....	40 IU/lb

**3**

### INGREDIENTS

Calcium Carbonate, Salt, Roughage Products, Animal Fat, Molasses Products, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Manganese Sulfate, Zinc Sulfate, Thiamine Mononitrate, Sodium Selenite.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# EXACT BEEF® CIT PELLET 125R (CONTROLLED INTAKE TECHNOLOGY)

## PRODUCT DESCRIPTION

A self-limiting feed designed and researched to be fed to all classes of cattle on pasture or dry lot.

## FEATURES AND BENEFITS

**High protein** because this feed works as a self-limiter, a higher protein concentration is important in order to meet the nutrient requirements of cattle.

**Balanced mineral ratios** at the necessary levels to fill the deficiencies of pasture feeding.

**Vitamin A fortified** to help reduce vision and respiratory problems.

**Vitamin D fortified** for proper assimilation and use of calcium and phosphorus.

**Vitamin E fortified** for maintaining the animal's immune system.

**Pelleted** for convenience for producers feeding cracked corn or whole shelled corn in self-feeders. It can also be used by producers who favor commodity blends like a triple mix (e.g. 1/3 gluten pellets + 1/3 soy hull pellets + 1/3 shelled corn/Exact Beef). Pellets are more convenient to use when mixing because they eliminate the need for grinding of corn necessary when mixing with a meal product.

## MIXING DIRECTIONS

Mix Exact Beef CIT Pellet 125R Medicated with grain according to directions below and feed as the sole grain mix to beef cattle weighing between 400 pounds and market.



## EXACT BEEF® CIT PELLET 125R MEDICATED

For beef cattle.

For increased rate of weight gain; for prevention and control of coccidiosis caused by *Eimeria bovis* and *Eimeria zuemii* in growing cattle on pasture or in a dry lot (stocker and feeder cattle and dairy and beef replacement heifers).

## ACTIVE DRUG INGREDIENT

Monensin (as Monensin Sodium)..... 125 gm/ton

## GUARANTEED ANALYSIS

Crude Protein, min.....32.0%  
(This includes not more than 17.5% equivalent crude protein from non-protein nitrogen)

Crude Fat, min ..... 1.5%  
Crude Fiber, max .....15.0%  
Calcium (Ca), min.....3.5%  
Calcium (Ca), max.....4.5%  
Phosphorus (P), min ..... 1.0%  
Salt (NaCl), min .....4.0%  
Salt (NaCl), max .....5.0%  
Potassium (K), min.....0.8%  
Selenium (Se), min. .... 1.5 ppm  
Vitamin A, min .....20,000 IU/lb  
Vitamin D3, min ..... 2,000 IU/lb  
Vitamin E, min ..... 20 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

1

## INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Roughage Products, Calcium Carbonate, Salt, Urea, Calcium Chloride, Monoammonium Phosphate, Ammonium Sulfate, Fish Oil, Grain Products, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Potassium Chloride, Calcium Iodate, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Thiamine Mononitrate, Ethoxyquin and BHT (preservatives).

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Calf Average Wt	Exact Beef CIT Pellet 125R Med. lb/ton	Grain lb/ton	Monensin g/ton	Monensin mg/lb	Feeding rate, lb/day
400 – 500	600	1400	37.50	18.75	2.7 – 10.6
500 – 600	800	1200	50.00	25.00	2.0 – 8.0
600 – 700	1100	900	68.75	34.40	1.5 – 5.8
700 – market	1300	700	81.25	40.60	1.2 – 4.9

continued

## FEEDING DIRECTIONS

**For increased rate of weight gain:** Feed the above suggested feeding rate to provide not less than 50 nor more than 200 mg of monensin per head per day. During the first 5 days of feeding, cattle should receive no more than 100 mg monensin per head per day.

**For coccidiosis prevention and control:** Feed at the rate of 0.14 to 0.42 mg monensin/lb body weight per day, depending on upon the severity of challenge, up to 200 mg monensin/hd/day.

Intakes of cattle fed Exact Beef CIT Pellet 125R Medicated may vary according to the influence of weather, feeder location, pasture conditions, other feed available, and management practices.

**CAUTION:** Do not allow horses or other equines access to feed containing Monensin. Ingestion of Monensin by equines has been fatal. Monensin medicated cattle and goat feeds are safe for use in cattle and goats only. Consumption by unapproved species may result in toxic reactions. Feeding undiluted or mixing errors resulting in high concentrations of monensin has been fatal to cattle and could be fatal to goats. Must be thoroughly mixed in feeds before use. Do not feed undiluted. Do not exceed the levels of Monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing Monensin are fed to other groups of cattle, the concentrations of Monensin in the refusals and the amount of refusals fed should be taken into consideration to prevent Monensin overdosing.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

# EXACT BEEF® CIT MEAL 125R (CONTROLLED INTAKE TECHNOLOGY)

## PRODUCT DESCRIPTION

A self-limiting feed designed and researched to be fed to all classes of cattle on pasture or drylot.

## FEATURES AND BENEFITS

**High protein** because this feed works as a self-limiter, a higher protein concentration is important in order to meet the needs of cattle.

**Balanced mineral ratios** at the necessary levels to fill the deficiencies of pasture feeding.

**Vitamin A fortified** to help reduce vision and respiratory problems.

**Vitamin D fortified** for proper assimilation and use of calcium and phosphorus.

**Vitamin E fortified** for maintaining the animal's immune system.

## FEEDING DIRECTIONS

### CALVES

- Feed a pelleted creep feed until intake reaches 2 - 3 lb/head/day.
- Once intake is established on the pelleted creep feed and the feeder is down to approximately 25% capacity, add the Exact Beef and corn mixture on top of the conventional creep.
- A mix of 20% Exact Beef with 80% cracked or rolled corn.
- Feed ad-libitum until weaning.

### STOCKERS

- Locate the self-feeder near the water supply.
- Feed hay in and around feeder to entice cattle to the self-feeder.
- Offer Exact Beef CIT in a 20% Exact Beef, 80% cracked corn mix until intakes are established at approximately 2-3 lb/head.
- Once intake is established, transition to the next mixing level to maintain intake at approximately 1% body weight.
- Mixing rate for stocker cattle:

Weight	Exact Beef CIT	Grain
400-500	30%	70%
500-600	40%	60%
600-700	55%	45%
700-800	65%	35%

- Watch intake of cattle. If intake increases above 1% of body weight, move up to the next mixing level.
- Not recommended for slaughter cattle over 900 lb.



## EXACT BEEF® CIT MEAL 125R

For beef cattle.

For increased rate of weight gain; for prevention and control of coccidiosis caused by *Eimeria bovis* and *Eimeria zuemii* in growing cattle on pasture or in a dry lot (stocker and feeder cattle and dairy and beef replacement heifers).

### ACTIVE DRUG INGREDIENT

Monensin (as Monensin Sodium)..... 125 gm/ton

### GUARANTEED ANALYSIS

Crude Protein, min.....32.0%  
(This includes not more than 17.5% equivalent crude protein from non-protein nitrogen)

Crude Fat, min ..... 1.5%  
Crude Fiber, max ..... 16.0%  
Calcium (Ca), min..... 3.5%  
Calcium (Ca), max..... 4.5%  
Phosphorus (P), min ..... 1.0%  
Salt (NaCl), min ..... 4.0%  
Salt (NaCl), max ..... 5.0%  
Potassium (K), min..... 0.8%  
Selenium (Se), min. .... 1.5 ppm  
Vitamin A, min ..... 20,000 IU/lb  
Vitamin D3, min ..... 2,000 IU/lb  
Vitamin E, min ..... 20 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

2

### INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Roughage Products, Calcium Carbonate, Salt, Urea, Calcium Chloride, Monoammonium Phosphate, Ammonium Sulfate, Fish Oil, Molasses Products, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Stearate, Potassium Chloride, Calcium Iodate, Copper Sulfate, Ferrous Sulphate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Thiamine Mononitrate, Ethoxyquin and BHT (preservatives).

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## **COWS**

- Locate self-feeders next to the water source until intake is established, then move away from water gradually.
- If cows are not accustomed to self-feeders, they may need to be enticed by hay around the feeder.
- Mix 80% Exact Beef with 20% cracked or rolled corn.
- Feed 80/20 blend until intake reaches approximately 2 lb/head. Will take 3 - 7 days.
- Switch to 100% Exact Beef after intake is established.
- Intake will be low the first couple of days. Consumption will increase quickly over the next 1 - 3 weeks.
- After the third week, intake will level off to around 2 - 3 lb per head.
- Factors affecting intake:
  - Size of cow
  - Production stage (e.g. nursing, final trimester of gestation)
  - Quality of forage

The higher the demand for performance of the cow, or the lack of good-quality forage, will increase the consumption of Exact Beef.

Contact your Kent Nutrition Group representative for more precise feeding and mixing directions.



# PRECISION™ DAIRY BEEF GROWER 150R

## PRODUCT DESCRIPTION

An all-natural supplement designed to be mixed with corn and fed as the sole ration to weaned dairy-beef calves from 200 to 350 lb.

## FEATURES AND BENEFITS

**Dried whey and dried cheese product** - an excellent source of lactose (milk sugar), and B vitamins. Also recognized as protein ingredient sources with unidentified growth factors.

**Yeast** stimulates intake and rumen metabolism.

**Sodium diacetate** - an acetic acid ingredient that can help stabilize the pH in the rumen. The results are less digestive upset and more consistent intakes.

**Formulated with BoVantage™ technology** which research has proven can stimulate dry matter intake, help combat stress, and provide immune system support.

**Rumensin®** for improved feed efficiency.

**Simple feeding program** only two ingredients needed ...Precision Dairy Beef Grower and whole shelled corn.

**May be used in self-feeders** thus minimizing labor required in starting and growing dairy beef cattle.

**No roughage needed** - eliminating roughage source ingredients from a producer's inventory as well as storage, handling, and feeding equipment.

## MIXING DIRECTIONS

	Consumption	Supplement/ton
<b>Body Weight, lb</b>	<b>(lb air dry feed)</b>	<b>Complete Feed, lb</b>
Weaning to 350 lb	4 - 8 lb	500 lb

**CAUTION:** Do not allow equine animals access to feed containing monensin. Ingestion of monensin by equine has been fatal. Monensin medicated cattle and goat feeds are safe for use in cattle and goats only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing monensin are fed to other groups of cattle, the concentrations of monensin in the refusals and the amount of refusals fed should be taken into consideration to prevent monensin overdosing.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.



## PRECISION™ DAIRY BEEF GROWER 150R

### MEDICATED

For growing cattle.

For improved feed efficiency in beef cattle fed in confinement for slaughter (5-40 g/ton - 50-480 mg/head/day).

### ACTIVE DRUG INGREDIENT

Monensin (as Monensin Sodium)..... 150 gm/ton

### GUARANTEED ANALYSIS

Crude Protein, min.....	32.0%
Crude Fat, min.....	1.25%
Crude Fiber, max.....	10.0%
Acid Detergent Fiber, max.....	12.5%
Calcium (Ca), min.....	2.25%
Calcium (Ca), max.....	2.75%
Phosphorus (P), min.....	1.0%
Salt (NaCl), min.....	1.25%
Salt (NaCl), max.....	1.75%
Selenium (Se), min.....	1.2 ppm
Vitamin A, min.....	40,000 IU/lb
Vitamin D3, min.....	8,000 IU/lb
Vitamin E, min.....	75 IU/lb
Niacin, min.....	45 mg/lb

5

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Cane Molasses, Dried Whey, Dried Cheese Product, Dried Brewers Yeast, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Menadione Dimethylpyrimidinol Bisulfite (source of Vitamin K Activity), Riboflavin Supplement, Niacin Supplement, Calcium Pantothenate, Vitamin B12 Supplement, Choline Chloride, Biotin, Folic Acid, Pyridoxine Hydrochloride, Thiamine Mononitrate, Sodium Diacetate, Magnesium Sulfate, Potassium Sulfate, Reed-Sedge Peat, Calcium Iodate, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Zinc Sulfate, Cobalt Carbonate, Magnesium Oxide, Sodium Selenium, Zinc Oxide, Potassium Chloride.

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*continued*

## **RAISING DAIRY BEEF CALVES**

### **Birth**

Feed 3 - 4 quarts of colostrum immediately after birth (need to provide 100 g of IgG). Feed 2 - 4 additional quarts within 12 hours of birth and feed 2 - 4 more quarts at 24 hours of age. If necessary, use an esophageal feeder. Don't let the calf determine intake.

### **Starting**

Feed Precision™ Formula Premium Milk Replacer at day 2. Feed 2 quarts twice daily, up to 6 weeks or when calves have consumed 2 lbs of starter per day for 3 consecutive days. Provide clean fresh water at all times. Begin offering a Kent calf starter feed (SweetFLAKES™ or Total Stage™) when calves are three days old. Continue feeding until calves weigh approximately 200 lb.

### **Growing**

Feed mix of Precision Dairy Beef Grower and whole shelled corn to calves from 200 lb to 350 lb. When calves weigh 350 lb switch to Precision Dairy Beef Finisher supplement and whole shelled corn.

*Rumensin™ is a registered trademark of Elanco Animal Health.*

# PRECISION™ DAIRY BEEF FINISHER 240R 120T\*

## PRODUCT DESCRIPTION

A "no-roughage" supplement designed to be mixed with corn and fed as the sole ration for finishing dairy beef cattle.

## FEATURES AND BENEFITS

**Simple feeding program** - only two ingredients needed - Precision Dairy Beef Finisher and whole shelled corn.

**May be used in self-feeders** thus minimizing labor required for finishing dairy beef cattle.

**No roughage needed** therefore eliminating roughage source ingredients from a producer's inventory as well as storage, handling, and feeding equipment.

**Guaranteed levels of Vitamin A** to aid in reducing respiratory problems.

**Guaranteed levels of Vitamin D** for proper assimilation and use of calcium and phosphorus.

**Guaranteed levels of Vitamin E** to help maintain cattle immune systems.

**Sodium diacetate** - an acetic acid ingredient that can help stabilize the pH in the rumen. Results are less digestive upset and more consistent intakes.

**Rumensin®** for improved feed efficiency.

**Tylan®** for reduction of incidence of liver abscesses which can be associated with high energy diets.

## MIXING DIRECTIONS

	Consumption	Supplement/ton
<b>Body Weight, lb (lb air dry feed)</b>		<b>Complete Feed, lb</b>
350 - 450	8 - 12	250
450 - 550	10 - 15	200
550 - 650	15 - 17	175
650 - 750	16 - 18	160
750 - Market	18 - 20	150

**CAUTION** Do not allow equine animals access to feed containing monensin. Ingestion of monensin by equines has been fatal. Monensin medicated cattle and goat feeds are safe for use in cattle and goats only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of monensin recommended in the feeding directions, as reduced average daily gains may result.

If feed refusals containing monensin are fed to other groups of cattle, the concentrations of monensin in the refusals and the amount of refusals fed should be taken into consideration to prevent monensin overdosing.



## PRECISION™ DAIRY BEEF FINISHER 240R 120T MEDICATED

A cattle supplement for mixing steer & heifer feedlot rations. For improved feed efficiency and for reduction of incidence of liver abscesses caused by *Fusobacterium necrophorum* and *Actinomyces (Corynebacterium) pyogenes* in beef cattle fed in confinement for slaughter.

### ACTIVE DRUG INGREDIENT

Monensin (as Monensin Sodium)..... 240 gm/ton  
Tylosin (as Tylosin Phosphate)..... 120 gm/ton

### GUARANTEED ANALYSIS

Crude Protein, min..... 36.0%  
This includes not more than 12% equivalent crude protein from non-protein nitrogen.  
Crude Fat, min. .... 1.2%  
Crude Fiber, max. .... 12.0%  
Acid Detergent Fiber, max ..... 15.0%  
Calcium (Ca), min..... 6.3%  
Calcium (Ca), max..... 7.5%  
Phosphorus (P), min. .... 0.5%  
Salt (NaCl), min..... 2.5%  
Salt (NaCl), max. .... 3.0%  
Potassium (K), min..... 3.2%  
Selenium (Se), min ..... 3.0 ppm  
Zinc (Zn), min..... 1,000 ppm  
Vitamin A, min. .... 40,000 IU/lb  
Vitamin D3, min. .... 10,000 IU/lb  
Vitamin E, min..... 80 IU/lb  
Niacin, min ..... 55 mg/lb

**WARNING:** This feed is to be fed to ruminants only. Use in accordance with directions on this label.

2

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Dehydrated Alfalfa Meal, Cane Molasses, Calcium Carbonate, Salt, Urea, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Menadione Dimethylpyrimidinol Bisulfite (source of Vitamin K Activity), Riboflavin Supplement, Niacin Supplement, Calcium Pantothenate, Vitamin B12 Supplement, Choline Chloride, Biotin, Folic Acid, Pyridoxine Hydrochloride, Thiamine Mononitrate, Sodium Diacetate, Calcium Sulfate, Calcium Iodate, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenium, Zinc Oxide, Potassium Chloride, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

\*CAUTION: Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by, or on the order of, a licensed veterinarian.

**BEEF (M 1782)**

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continued

1/17

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

*Rumensin™ and Tylan™ are registered trademarks of Elanco.*

# NO ROUGHAGE CALF 100R

## PRODUCT DESCRIPTION

A "No Roughage," All-Natural supplement designed to be mixed with corn and fed as the only ration for weaned dairy and beef calves from.

## FEATURES & BENEFITS

**May be used in self-feeders.** Minimum labor is required in starting and growing dairy-beef calves without roughage on the program.

**BoVantage®** technology which can help promote a healthy rumen, help combat stress, and provide immune system support.

**Easy mixing** means ingredients fulfill the animal's roughage needs. All that is required is product, cracked or shelled corn, and water.

**Eliminates roughage** source a producer would need to inventory.

**Gains are equal or superior** to conventional growing-finishing methods.

**Guaranteed levels of potassium and magnesium** because in high-energy, no-roughage diets, potassium and magnesium are marginal. No Roughage Calf supplies amounts needed for maximum performance.

## MIXING DIRECTIONS

Body Wt., lb	200	250	400	650	700-Mkt.
Ration	1	2	3	4	5
Corn, lb	1200	1400	1600	1700	1800
No Roughage Calf 100R, lb	800	600	—	—	—
No Roughage Calf 150R, lb	—	—	400	200	—
Kent NRB, lb	—	—	—	100	200
Total, lb	2000	2000	2000	2000	2000
	Starter	Transition		Finishing	
	Transition Phase	Grower Phase		Phase	

**CAUTION:** Do not allow horses or other equines access to feed containing Monensin. Ingestion of Monensin by equines has been fatal. Monensin medicated cattle and goat feeds are safe for use in cattle and goats only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of Monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing Monensin are fed to other groups of cattle, the concentrations of Monensin in the refusals and the amount of refusals fed should be taken into consideration to prevent Monensin overdosing.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.



## NO ROUGHAGE CALF 100R MEDICATED

A supplement to be mixed with grain for weaned dairy and beef calves fed in confinement.

For prevention and control of coccidiosis caused by *Eimeria bovis* and *Eimeria zuernii*.

### ACTIVE DRUG INGREDIENT

Monensin (as monensin sodium) ..... 100 gm/ton

### GUARANTEED ANALYSIS

Crude Protein, min. .... 27.0%  
 Crude Fat, min. .... 1.0%  
 Crude Fiber, max. .... 16.0%  
 Calcium (Ca), min. .... 1.8%  
 Calcium (Ca), max. .... 2.3%  
 Phosphorus (P), min. .... 1.0%  
 Salt (NaCl), min. .... 1.3%  
 Salt (NaCl), max. .... 1.8%  
 Potassium (K), min. .... 1.0%  
 Vitamin A, min. .... 25,000 IU/lb  
 Vitamin D3, min. .... 2,500 IU/lb  
 Vitamin E, min. .... 25 IU/lb

9

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Roughage Products, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Lignin Sulfonate, Reed-Sedge Peat, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Manganese Sulfate, Zinc Sulfate, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

### MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**  
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## HOW TO RAISE DAIRY BEEF CALVES

### STARTING

**Milk Formula I™** - Feed colostrum milk from birth to 4 days. Start Milk Formula I after the calves are weaned at 4 days of age, and continue feeding until the calves are 14 days old. Begin offering SweetFLAKES™ or other calf starter when the calves are 4 days old. Provide only what calf will eat between feedings so a fresh supply is always available. This will help stimulate rumen function and protect against digestive upsets. Contact your local veterinarian for a vaccination program that fits your operation.

**SweetFLAKES™** - Continue feeding SweetFLAKES until calves reach 200 lb (30 - 40 days). Switch to a ration containing No Roughage Calf 100R and corn.

**CAUTION** Once started on self-feeder, never let it go empty.

### GROWING

**No Roughage Calf 100R** - Calves should remain on Ration 1 (see Mixing Directions) for 30 days, gradually decrease the amount of No Roughage Calf 100R every 30 days (Ration 1 & 2). If you are mixing different weight calves, always feed according to the average of your lighter calves. Roughage is not required.

**No Roughage Calf 150R** - When calves reach 400 lb (Ration 3), switch to use 150R. This allows the diet to match the needs of the growing calf and raises the ionophore to a level so there will be no over consumption by the animals at the feeder.

### FINISHING

**Kent NRB®** - At 700 lb, calves should be switched to Kent NRB and corn (Ration 5). Continue feeding in self-feeder until market weight. Roughage is not required.

*\*Check your KNG plant for availability.*

# NO ROUGHAGE CALF 150R

## PRODUCT DESCRIPTION

A "No Roughage," All-Natural supplement designed to be mixed with corn and fed as the only ration for weaned dairy and beef calves fed in confinement.

## FEATURES & BENEFITS

**May be used in self-feeders.** Minimum labor is required in starting and growing dairy-beef calves without roughage on the program.

**BoVantage®** technology which can help promote a healthy rumen, help combat stress, and provide immune system support.

**Easy mixing** means ingredients fulfill the animal's roughage needs. All that is required is product, cracked or shelled corn, and water.

**Eliminates roughage** source a producer would need to inventory.

**Gains are equal or superior** to conventional growing-finishing methods.

**Guaranteed levels of potassium and magnesium** because in high-energy, no-roughage diets, potassium and magnesium are marginal. No Roughage Calf supplies amounts needed for maximum performance.

## MIXING DIRECTIONS

Monensin 5-40 g/ton - 50-480 mg/head/day: Mix No Roughage Calf 150R with grain according to the directions below and feed as the sole ration to calves weighing between 500 and 700 pounds. The complete feed will provide 5-40 grams of Monensin/ton of complete feed or feed continuously at rates shown below which provide 50-480 mg of Monensin/head/day.

Body Wt., lb	200	250	400	650	700-Mkt.
Ration	1	2	3	4	5
Corn, lb	1200	1400	1600	1700	1800
No Roughage Calf 100R, lb	800	600	—	—	—
No Roughage Calf 150R, lb	—	—	400	200	—
Kent NRB, lb	—	—	—	100	200
Total, lb	2000	2000	2000	2000	2000
	Starter	Transition		Finishing	
	Transition Phase	Grower Phase		Phase	

**CAUTION:** Do not allow horses or other equines access to feed containing Monensin. Ingestion of Monensin by equines has been fatal. Monensin medicated cattle and goat feeds are safe for use in cattle and goats only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of Monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing Monensin are fed to other groups of cattle, the concentrations of Monensin in the refusals and the amount of refusals fed should be taken into consideration to prevent Monensin overdosing.



## NO ROUGHAGE CALF 150R MEDICATED

A supplement to be mixed with grain for weaned dairy and beef calves fed in confinement.

For improved feed efficiency in beef cattle fed in confinement for slaughter (5-40 g/ton - 50-480 mg/head/day).

### ACTIVE DRUG INGREDIENT

Monensin (as monensin sodium) ..... 150 gm/ton

### GUARANTEED ANALYSIS

Crude Protein, min. .... 27.0%  
 Crude Fat, min. .... 1.0%  
 Crude Fiber, max. .... 16.0%  
 Calcium (Ca), min. .... 1.8%  
 Calcium (Ca), max. .... 2.3%  
 Phosphorus (P), min. .... 1.0%  
 Salt (NaCl), min. .... 1.3%  
 Salt (NaCl), max. .... 1.8%  
 Potassium (K), min. .... 1.0%  
 Vitamin A, min. .... 25,000 IU/lb  
 Vitamin D3, min. .... 2,500 IU/lb  
 Vitamin E, min. .... 25 IU/lb

9

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Roughage Products, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Lignin Sulfonate, Reed-Sedge Peat, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Manganese Sulfate, Zinc Sulfate, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

### MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**  
 HEADQUARTERS IN MUSCATINE, IA 52761

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

## HOW TO RAISE DAIRY BEEF CALVES

### STARTING

**Milk Formula™ I** - Feed colostrum milk from birth to 4 days. Start Milk Formula I after the calves are weaned at 4 days of age, and continue feeding until the calves are 14 days old. Begin offering SweetFLAKES™ or other calf starter when the calves are 4 days old. Provide only what calf will eat between feedings so a fresh supply is always available. This will help stimulate rumen function and protect against digestive upsets. Contact your local veterinarian for a vaccination program that fits your operation.

**SweetFLAKES™** - Continue feeding SweetFLAKES until calves reach 200 lb (30 - 40 days). Switch to a ration containing No Roughage Calf 100R and corn.

**CAUTION:** Once started on self-feeder, never let it go empty.

### GROWING

**No Roughage Calf 100R** - Calves should remain on Ration 1 (see Mixing Directions) for 30 days, gradually decrease the amount of No Roughage Calf 100R every 30 days (Ration 1 & 2). If you are mixing different weight calves, always feed according to the average of your lighter calves. Roughage is not required.

**No Roughage Calf 150R** - When calves reach 400 lb (Ration 3), switch to use 150R. This allows the diet to match the needs of the growing calf and raises the ionophore to a level so there will be no over consumption by the animals at the feeder.

### FINISHING

**Kent NRB®** - At 700 lb, calves should be switched to Kent NRB and corn (Ration 5). Continue feeding in self-feeder until market weight. Roughage is not required.

*\*Check your KNG plant for availability.*



# NRB® 40-15 300R-90T\*

## PRODUCT DESCRIPTION

A "no roughage" supplement designed to be mixed with corn and fed as the only ration for finishing beef cattle and dairy steers.

## FEATURES AND BENEFITS

**Complete mechanization of feed handling** means minimum labor is required in starting and finishing beef cattle without roughage on the NRB program.

**Easy to mix** because ingredients incorporated in NRB fulfill the animal's roughage needs... all that is required is NRB, cracked or shelled corn, and water.

**Advantages of no roughage** include gains equal or superior to conventional finishing methods. Hair coats are glossier. Animals are more uniform in finish and carcasses grade the same or superior to conventional finishing methods.

**Rumensin** improves feed efficiency.

**Tylan** aids in the prevention of liver abscesses in high-energy rations.

**Guaranteed levels of potassium and magnesium** because in high-energy diets potassium and magnesium are marginal. NRB supplies amounts needed for maximum performance.

**Proper balance of key electrolytes** in the diet for optimum performance and carcass merit.

## MIXING DIRECTIONS

	After Transition Ration (Feed for 7 days)		Finishing Ration (Transition to Mkt)	
Cracked or shelled corn, lb	1760	87.75%	1800	90%
Beef Buffer Pellets, lb	40	2.25%	—	—
Kent NRB, lb	200	10%	200	10%
TOTAL, lb	2,000		2,000	

## FEEDING DIRECTIONS

Mix 200 pounds of this supplement with 1800 pounds of corn and feed as the sole ration to steers weighing 700 pounds and up and to heifers weighing 600 pounds and up, after they have been worked up to a full feed.

The complete feed will provide 30 grams Monensin per ton and 9 grams of Tylosin per ton. Feed continuously at the rate of 20 lb per day to provide 50-480 mg Monensin per head per day and 60-90 mg Tylosin per head per day.

**NOTICE:** Do not use in any finished feed (supplement, concentrate, or complete feed) containing in excess of 2% bentonite).



## NRB® 40-15 300R 90T MEDICATED

A beef cattle supplement for mixing steer and heifer feedlot rations.

For improved feed efficiency and for reduction of incidence of liver abscesses caused by *Fusobacterium necrophorum* and *Arcanobacterium (Actinomyces) pyrogenes* in beef cattle fed in confinement for slaughter.

### ACTIVE DRUG INGREDIENT

Monensin (as Monensin Sodium).....300 g/ton  
Tylosin (as Tylosin Phosphate).....90 g/ton

### GUARANTEED ANALYSIS

Crude Protein, min.....40.0%  
This includes not more than 15.0% equivalent crude protein from non-protein nitrogen.  
Crude Fat, min ..... 1.0%  
Crude Fiber, max ..... 16.0%  
Calcium (Ca), min.....4.0%  
Calcium (Ca), max.....5.0%  
Phosphorus (P), min ..... 0.5%  
Salt (NaCl), min ..... 0.25%  
Salt (NaCl), max ..... 0.75%  
Magnesium (Mg), min.....0.35%  
Potassium (K), min.....2.0%  
Cobalt (Co), min ..... 1.8 ppm  
Zinc (Zn), min.....600 ppm  
Vitamin A, min .....19,000 IU/lb  
Vitamin D3, min ..... 1,900 IU/lb  
Vitamin E, min..... 19 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

3

### INGREDIENTS

Soybean Meal, Processed Grain By-Products, Urea, Sunflower Meal, Animal Protein Products, Roughage Products, Calcium Carbonate, Salt, Potassium Carbonate, Potassium Sulfate, Magnesium Sulfate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Lignin Sulfate, Animal Fat, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Manganese Sulfate, Zinc Sulfate, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

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\*CAUTION: Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by, or on the order of, a licensed veterinarian.

**BEEF (M 1147)**

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1/17

**CAUTION:** Do not allow horses or other equines access to feed containing Monensin. Ingestion of Monensin by equines has been fatal. Monensin medicated cattle and goat feeds are safe for use in cattle and goats only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of Monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing Monensin are fed to other groups of cattle, the concentrations of Monensin in the refusals and the amount of refusals fed should be taken into consideration to prevent Monensin overdosing.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

*Rumensin and Tylan are registered trademarks of Elanco Animal Health.*

# NRB® 40-25 300R-90T\*

## PRODUCT DESCRIPTION

A "no roughage" supplement designed to be mixed with corn and fed as the only ration for finishing beef cattle and dairy steers.

## FEATURES AND BENEFITS

**Complete mechanization of feed handling** means minimum labor is required in starting and finishing beef cattle without roughage on the NRB program.

**Easy to mix** because ingredients incorporated in NRB fulfill the animal's roughage needs... all that is required is NRB, cracked or shelled corn, and water.

**Advantages of no roughage** include gains equal or superior to conventional finishing methods. Hair coats are glossier. Animals are more uniform in finish and carcasses grade the same or superior to conventional finishing methods.

**Rumensin** improves feed efficiency.

**Tylan** aids in the prevention of liver abscesses in high-energy rations.

**Guaranteed levels of potassium and magnesium** because in high-energy diets potassium and magnesium are marginal. NRB supplies amounts needed for maximum performance.

**Proper balance of key electrolytes** in the diet for optimum performance and carcass merit.

## MIXING DIRECTIONS

	After Transition Ration (Feed for 7 days)		Finishing Ration (Transition to Mkt)	
Cracked or shelled corn, lb	1760	87.75%	1800	90%
Beef Buffer Pellets, lb	40	2.25%	—	—
Kent NRB, lb	200	10%	200	10%
TOTAL, lb	2,000		2,000	

## FEEDING DIRECTIONS

It is best to start cattle on the NRB Program when they weigh 650 to 700 lb.

## HOW TO START CATTLE ON THE NRB PROGRAM:

The method employed in starting cattle on the Kent NRB Program depends on the cattle feeding program currently being followed.

### SHIPPED-IN CATTLE

1. If you intend to use self-feeders to feed NRB and corn, start cattle on Kent ARRIVALmax® Complete. Kent ARRIVALmax® Complete is a bulky, high-fiber ration, containing high levels of vitamin A, D, and E plus oxytetracycline, full fed to cattle for 14 days as the SOLE RATION. When self-feeder is half full, put NRB finishing ration on top of Kent ARRIVALmax® Complete. Self-feed in drylot only.

\*CAUTION: Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by, or on the order of, a licensed veterinarian.

**BEEF (M 1145)**



## NRB® 40-25 300R 90T MEDICATED

For mixing steer and heifer feedlot rations.  
For improved feed efficiency and for reduction of incidence of liver abscesses caused by *Fusobacterium necrophorum* and *Actinomyces pyrogenes* in beef cattle fed in confinement for slaughter.

### ACTIVE DRUG INGREDIENT

Monensin (as Monensin Sodium)..... 300 g/ton  
Tylosin (as Tylosin Phosphate)..... 90 g/ton

### GUARANTEED ANALYSIS

Crude Protein, min..... 40.0%  
This includes not more than 25.0% equivalent crude protein from non-protein nitrogen.  
Crude Fat, min ..... 0.5%  
Crude Fiber, max ..... 16.0%  
Calcium (Ca), min..... 4.0%  
Calcium (Ca), max..... 5.0%  
Phosphorus (P), min ..... 0.5%  
Salt (NaCl), min ..... 0.25%  
Salt (NaCl), max ..... 0.75%  
Magnesium (Mg), min..... 0.4%  
Potassium (K), min ..... 2.0%  
Cobalt (Co), min ..... 1.8 ppm  
Zinc (Zn), min..... 600 ppm  
Vitamin A, min ..... 19,000 IU/lb  
Vitamin D3, min ..... 1,900 IU/lb  
Vitamin E, min..... 19 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

5

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Urea, Animal Protein Products, Roughage Products, Calcium Carbonate, Salt, Potassium Carbonate, Potassium Sulfate, Magnesium Sulfate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Animal Fat, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Manganese Sulfate, Zinc Sulfate, Potassium Chloride, Sodium Selenite, Ethoxyquin and BHT (preservatives).

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HEADQUARTERS IN MUSCATINE, IA 52761

continued

2. If you intend to bunk feed cattle on the NRB ration, use the following starting program:

**1st Day** - Feed 1 lb of hay/100 lb of body weight the day cattle arrive at the lot.

**2nd Day** - Feed 1 lb of NRB Starting Mix/100 lb of body weight. NO HAY.

**3rd Day** - Increase the mix at a rate of 1 lb/head/day with NO HAY.

**Example** - Cattle weighing 700 lb

Days	1	2	3	4	5	6	7	8	9	10
Hay	7	-	-	-	-	-	-	-	-	-
NRB Starting Mix, lb	-	7	8	9	10	11	12	13	14	15

#### NRB STARTING MIX

Cracked or shelled corn	1,240	62%
Kent NRB	300	15%
ARRIVALmax® Supplement	400	20%
Beef Buffer Pellets	60	3%
Total, lb	2,000	

Healthy cattle on either of the above programs should be on full feed in about 10 days. Healthy cattle can be started without hay, but hay is preferred. Be sure the cattle are on full feed (leaving feed in the bunk) before switching to one of the NRB finishing mixes.

If cattle are in poor condition or you are feeding light calves, stay with the starting program for a longer period. All cattle on the NRB Program should follow one of the above starting programs. For additional information consult your KNG representative.

**CAUTION:** Do not allow horses or other equines access to formulations containing Rumensin. Ingestion of Rumensin by equines has been fatal. Rumensin medicated cattle feed is safe for use in cattle only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of Rumensin recommended in the feeding directions, as reduced average daily gain may result. Feeding undiluted or mixing errors resulting in high concentrations of Rumensin could be fatal to cattle. Must be thoroughly mixed in feeds before use, do not feed undiluted.

*Rumensin and Tylan are registered trademarks of Elanco Animal Health.*

# ENERGILASS® 12

## PRODUCT DESCRIPTION

A free-choice, all-natural, high-energy, molasses-based supplement formulated for cattle consuming medium-to high-quality pasture, hay, or forage.

## FEATURES AND BENEFITS

**High energy** - molasses and added fat results in a very high level of sugar and energy. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which would improve forage digestion.

**Highly palatable** - the high level of molasses solids and fat make for a highly palatable product. The licking action along with saliva produced softens the top 1/4 inch of the block allowing limited consumption. When this thin layer is consumed the animals must wait for the next layer of the block to soften before they can consume additional product.

**Guaranteed mineral and high vitamin levels** are important for animal health, efficient nutrient utilization and better nutrition.

**Low moisture** - the manufacturing process reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture, adding to the freight and handling costs.

**No binders or hardeners** - many "big blocks" use chemicals and binders to harden the block or to control consumption. EnergiLass does not contain these ingredients. This means you are buying only nutritional ingredients.

**Plastic barrel** is convenient to handle and eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty the block is not lost in mud or manure as is often the case with conventional blocks or biodegradable tubs.

## FEEDING DIRECTIONS

Feed free-choice to cattle consuming medium to high-quality pasture, hay, or forage. Place barrel(s) in a dry location near the animal's source of water, salt, mineral, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source, and availability of roughage and/or grains; number of animals per barrel and barrel location.

<b>Species</b>	<b>Animals/ 250 lb Barrel</b>	<b>Intake/ hd/day</b>
Cattle	20 - 30	0.5 lb - 1.5 lb

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area.

Provide clean, fresh water at all times, plus free-choice mineral.



## ENERGILASS® 12

A supplement for beef calves and cattle on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	12.0%
Crude Fat, min .....	5.0%
Crude Fiber, max .....	2.0%
Calcium (Ca), min.....	1.3%
Calcium (Ca), max.....	1.8%
Phosphorus (P), min.....	0.8%
Magnesium (Mg), min.....	0.2%
Potassium (K), min.....	3.0%
Manganese (Mn), min.....	200 ppm
Selenium (Se), min. ....	4.4 ppm
Zinc (Zn), min.....	400 ppm
Vitamin A, min .....	80,000 IU/lb
Vitamin D3, min .....	8,000 IU/lb
Vitamin E, min .....	80 IU/lb

10

### INGREDIENTS

Molasses Products, Corn Gluten Meal, Soybean Meal, Corn Distillers Dried Grains with Solubles, Wheat Middlings, Sunflower Meal Pork Fat, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Magnesium Oxide, Ferrous Sulfate, Zinc Oxide, Manganous Oxide, Cobalt Carbonate, Sodium Molybdate, Sodium Selenite.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# ENERGILASS® 20

## PRODUCT DESCRIPTION

A free-choice, high-energy, molasses-based supplement formulated for cattle consuming medium- to lower-quality pasture, hay, or forage. Available in 250-lb tub.

## FEATURES AND BENEFITS

**High energy** - molasses and added fat results in a very high level of sugar and energy. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which would improve forage digestion.

**Highly palatable** - the high level of molasses solids and fat make for a highly palatable product. The licking action along with saliva produced softens the top 1/4 inch of the block allowing limited consumption. When this thin layer is consumed the animals must wait for the next layer of the block to soften before they can consume additional product.

**Guaranteed mineral and high vitamin levels** are important for animal health, efficient nutrient utilization and better nutrition.

**Low moisture** - the manufacturing process reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture, adding to the freight and handling costs.

**No binders or hardeners** - many "big blocks" use chemicals and binders to harden the block or to control consumption. EnergiLass does not contain these ingredients. This means you are buying only nutritional ingredients.

**Plastic barrel** is convenient to handle and eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty the block is not lost in mud or manure as is often the case with conventional blocks or biodegradable tubs.

## FEEDING DIRECTIONS

Feed EnergiLass 20 to beef calves and cattle consuming medium to lower quality pasture, hay, or forage. Place barrel(s) in a dry location near the animal's source of water, salt, mineral, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source, and availability of roughage and/or grains; number of animals per barrel and barrel location.

Species	Animals/ 250 lb Barrel	Intake/ hd/day
Cattle	20 - 30	0.5 lb - 1.5 lb

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area.

Provide clean, fresh water at all times, plus free-choice mineral.

**WARNING:** Do not feed to horses.



## ENERGILASS® 20

A supplement for beef calves and cattle on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	20.0%
(This includes not more than 8.0% equivalent crude protein from non-protein nitrogen.)	
Crude Fat, min .....	5.0%
Crude Fiber, max .....	2.0%
Calcium (Ca), min .....	1.2%
Calcium (Ca), max .....	1.7%
Phosphorus (P), min .....	0.8%
Magnesium (Mg), min .....	0.2%
Potassium (K), min .....	2.0%
Manganese (Mn), min .....	200 ppm
Selenium (Se), min .....	4.4 ppm
Zinc (Zn), min.....	400 ppm
Vitamin A, min .....	80,000 IU/lb
Vitamin D3, min .....	8,000 IU/lb
Vitamin E, min .....	80 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

11R

### INGREDIENTS

Molasses Products, Processed Grain By-Products, Soybean Meal, Hydrolyzed Vegetable Oil, Urea, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Ethylenediamine Dihydriodide, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Magnesium Oxide, Ferrous Sulfate, Manganous Oxide, Zinc Oxide, Cobalt Carbonate, Sodium Selenite.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# ENERGILASS® 25 AN

## PRODUCT DESCRIPTION

A free-choice, all-natural, high-energy, molasses-based supplement formulated for cattle consuming medium-to lower-quality pasture, hay, or forage. Available in 250-lb tub.

## FEATURES AND BENEFITS

**High energy** - molasses and added fat results in a very high level of sugar and energy. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which would improve forage digestion.

**Highly palatable** - the high level of molasses solids and fat make for a highly palatable product. The licking action along with saliva produced softens the top 1/4 inch of the block allowing limited consumption. When this thin layer is consumed the animals must wait for the next layer of the block to soften before they can consume additional product.

**Ruminally Undegraded Protein (RUP)** - the bypassing of the rumen by certain proteins improve the quality of protein available to the tissue for growth or milk production. RUP is utilized more efficiently to reduce total protein needs.

**Guaranteed mineral and high vitamin levels** are important for animal health, efficient nutrient utilization and better nutrition.

**Low moisture** - the manufacturing process reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture, adding to the freight and handling costs.

**No binders or hardeners** - many "big blocks" use chemicals and binders to harden the block or to control consumption. EnergiLass does not contain these ingredients. This means you are buying only nutritional ingredients.

**Plastic barrel** is convenient to handle and eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty the block is not lost in mud or manure as is often the case with conventional blocks or biodegradable tubs.

## FEEDING DIRECTIONS

Feed free-choice to cattle consuming medium to lower-quality pasture, hay, or forage. Place barrel(s) in a dry location near the animal's source of water, salt, mineral, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source, and availability of roughage and/or grains; number of animals per barrel and barrel location.

Species	Animals/ 250 lb Barrel	Intake/ hd/day
Cattle	20 - 30	0.5 lb - 1.5 lb

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area.

Provide clean, fresh water at all times, plus free-choice mineral.



## ENERGILASS® 25 AN

A supplement for beef calves and cattle on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	25.0%
Crude Fat, min .....	5.0%
Crude Fiber, max .....	2.0%
Calcium (Ca), min.....	1.2%
Calcium (Ca), max.....	1.7%
Phosphorus (P), min .....	0.8%
Magnesium (Mg), min.....	0.2%
Potassium (K), min.....	2.0%
Manganese (Mn), min.....	200 ppm
Selenium (Se), min. ....	4.4 ppm
Zinc (Zn), min.....	400 ppm
Vitamin A, min .....	80,000 IU/lb
Vitamin D3, min .....	8,000 IU/lb
Vitamin E, min .....	80 IU/lb

9R

### INGREDIENTS

Molasses Products, Animal Protein Products, Processed Grain By-Products, Hydrolyzed Vegetable Oil, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Magnesium Oxide, Zinc Oxide, Manganous Oxide, Ferrous Sulfate, Ethylenediamine Dihydriodide, Cobalt Carbonate, Sodium Selenite.

MANUFACTURED FOR

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761



# ENERGILASS® 32

## PRODUCT DESCRIPTION

A free-choice, high-protein, high-energy, molasses-based supplement formulated for growing/developing cattle and breeding cattle consuming lower quality pasture, hay, or forage. Available in 250-lb tub.

## FEATURES AND BENEFITS

**High energy** from molasses and added fat. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which would improve forage digestion.

**Highly palatable** due to the high level of molasses solids and fat but cannot be over-consumed. The licking action along with saliva produced softens the top 1/4 inch of the block allowing limited consumption. When this thin layer is consumed the animals must wait for the next layer of the block to soften before they can consume additional product.

**High protein** content helps to balance diets containing lower quality forages.

**Low moisture** because the manufacturing process reduces moisture to less than 4%. Other typical “big blocks” contain about 25% moisture. This high moisture level adds to the freight and handling costs.

**No chemical binders or hardeners** used by many “big blocks” to harden the block or to control consumption. EnergiLass 32 does not contain these ingredients. This means you are buying only nutritional ingredients.

**Guaranteed levels of vitamins and minerals** for better nutrition.

**Plastic barrel** is not only convenient to handle but eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty the block is not lost in mud or manure as is often the case with conventional blocks.

## FEEDING DIRECTIONS

Feed EnergiLass 32 to growing/developing cattle and breeding cattle consuming lower quality pasture, hay, or forage. Place barrel(s) in a dry location near the animal's source of water, salt, mineral, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source, and availability of roughage and/or grains; number of animals per barrel and barrel location.

Species	Animals/ 250 lb Barrel	Intake/ hd/day
Cattle	20 - 30	0.5 lb - 1.5 lb

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area. Provide clean, fresh water at all times, plus free-choice mineral.

**WARNING: DO NOT FEED TO SHEEP, GOATS, OR HORSES.**



## ENERGILASS® 32

A supplement for beef calves and cattle on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	32.0%
(This includes not more than 18.5% equivalent crude protein from non-protein nitrogen.)	
Crude Fat, min .....	5.0%
Crude Fiber, max .....	2.0%
Calcium (Ca), min.....	1.2%
Calcium (Ca), max.....	1.7%
Phosphorus (P), min.....	1.0%
Magnesium (Mg), min.....	0.2%
Potassium (K), min.....	2.0%
Manganese (Mn), min.....	200 ppm
Selenium (Se), min.....	4.4 ppm
Zinc (Zn), min.....	400 ppm
Vitamin A, min .....	80,000 IU/lb
Vitamin D <sub>3</sub> , min .....	8,000 IU/lb
Vitamin E, min .....	80 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

**10R**

Molasses Products, Processed Grain By-Products, Soybean Meal, Hydrolyzed Vegetable Oil, Urea, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Magnesium Oxide, Calcium Iodate, Ethylenediamine Dihydriodide, Zinc Oxide, Manganese Sulfate, Zinc Sulfate, Copper Sulfate, Copper Chloride, Cobalt Carbonate, Sodium Selenite.

MANUFACTURED FOR  
**KENT NUTRITION GROUP, INC.**  
HEADQUARTERS IN MUSCATINE, IA 52761



# ENERGILASS® 40

## PRODUCT DESCRIPTION

A free-choice, high-energy, molasses-based supplement formulated for cattle consuming medium- to lower-quality pasture, hay, or forage.

## FEATURES AND BENEFITS

**High energy** - molasses and added fat results in a very high level of sugar and energy. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which would improve forage digestion.

**Highly palatable** - the high level of molasses solids and fat make for a highly palatable product. The licking action along with saliva produced softens the top 1/4 inch of the block allowing limited consumption. When this thin layer is consumed the animals must wait for the next layer of the block to soften before they can consume additional product.

**Guaranteed mineral and high vitamin levels** are important for animal health, efficient nutrient utilization and better nutrition.

**Low moisture** - the manufacturing process reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture, adding to the freight and handling costs.

**No binders or hardeners** - many "big blocks" use chemicals and binders to harden the block or to control consumption. EnergiLass does not contain these ingredients. This means you are buying only nutritional ingredients.

**Plastic barrel** is convenient to handle and eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty the block is not lost in mud or manure as is often the case with conventional blocks or biodegradable tubs.

## FEEDING DIRECTIONS

Feed to growing/developing cattle and breeding cattle consuming lower quality pasture, hay, or forage. Place barrel(s) in a dry location near the animal's source of water, salt, mineral, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source, and availability of roughage and/or grains; number of animals per barrel and barrel location.

Species	Animals/ 250 lb Barrel	Intake/ hd/day
Cattle	20 - 30	0.5 lb - 1.0 lb

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area.

Provide clean, fresh water at all times, plus free-choice mineral.

**WARNING:** Do not feed to sheep or horses.



## ENERGILASS® 40

A supplement for beef calves and cattle on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	40.0%
(This includes not more than 19.75% equivalent crude protein from non-protein nitrogen.)	
Crude Fat, min .....	4.0%
Crude Fiber, max .....	2.0%
Calcium (Ca), min.....	1.4%
Calcium (Ca), max.....	1.9%
Phosphorus (P), min .....	1.0%
Magnesium (Mg), min.....	0.25%
Potassium (K), min.....	1.85%
Cobalt (Co), min .....	3.5 ppm
Copper (Cu), min.....	350 ppm
Iodine (I), min .....	17 ppm
Manganese (Mn), min .....	1,200 ppm
Selenium (Se), min .....	6.2 ppm
Zinc (Zn), min .....	1,000 ppm
Vitamin A, min .....	82,500 IU/lb
Vitamin D3, min .....	8,250 IU/lb
Vitamin E, min .....	110 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

### INGREDIENTS

Molasses Products, Hydrolyzed Feather Meal, Urea, Processed Grain By-Products, Monocalcium Phosphate, Dicalcium Phosphate, Hydrolyzed Vegetable Oil, Calcium Carbonate, Magnesium Oxide, Manganous Oxide, Manganese Sulfate, Zinc Oxide, Zinc Sulfate, Copper Sulfate, Copper Chloride, Sodium Selenite, Ethylenediamine Dihydroiodide, Calcium Iodate, Cobalt Carbonate, Vitamin A Supplement, Vitamin D-3 Supplement and Vitamin E Supplement.

### MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# ENERGILASS® BREEDER AIDE® 20

## PRODUCT DESCRIPTION

A free-choice, high-energy, molasses-based supplement formulated for growing, developing, and breeding cattle on pasture.

## FEATURES AND BENEFITS

**Specifically formulated** for optimum nutrition during the breeding season.

**Complexed trace minerals** shown to increase reproductive performance.

**Can increase NDF digestibility and body condition score.**

**High energy** - molasses and added fat provide a very high level of sugar and energy. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which would improve forage digestion.

**Highly palatable** - the high level of molasses solids and fat make for a highly palatable product. The licking action along with saliva produced softens the top 1/4 inch of the block, allowing limited consumption. When this thin layer is consumed, the animals must wait for the next layer of the block to soften before they can consume additional product.

**Guaranteed mineral and high vitamin levels** are important for animal health, efficient nutrient utilization, and better nutrition.

**Low moisture** - the manufacturing process reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture, adding to the freight and handling costs.

**No binders or hardeners** - many "big blocks" use chemicals and binders to harden the block or to control consumption. EnergiLass products do not contain these ingredients. This means you are buying only nutritional ingredients.

**Plastic barrel** is convenient to handle and eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty, the product is not lost in mud or manure as is often the case with conventional blocks or biodegradable tubs.

## FEEDING DIRECTIONS

Feed to growing/developing cattle and breeding cattle consuming lower quality pasture, hay, or forage. Place barrel(s) in a dry location near the animal's source of water, salt, mineral, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source and availability of roughage and/or grains; number of animals per barrel and barrel location. **Provide clean, fresh water at all times, plus free-choice mineral.**

Species	Animals/250 lb Barrel	Intake/hd/day
Cattle	20 - 30	0.50 lb - 0.75 lb

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area.

**WARNING:** Do not feed to sheep or horses.



## ENERGILASS® BREEDER AIDE® 20

A supplement for growing/developing and breeding cattle on pasture.

## GUARANTEED ANALYSIS

Crude Protein, min.....	20.0%
Crude Fat, min.....	4.0%
Crude Fiber, max.....	2.5%
Calcium (Ca), min.....	1.5%
Calcium (Ca), max.....	2.0%
Phosphorus (P), min.....	0.9%
Salt (NaCl), min.....	none added
Magnesium (Mg), min.....	0.3%
Potassium (K), min.....	1.5%
Cobalt (Co), min.....	4.5 ppm
Copper (Cu), min.....	600 ppm
Chromium (Cr), min.....	4.66 ppm
Iodine (I), min.....	23 ppm
Manganese (Mn), min.....	2,500 ppm
Selenium (Se), min.....	8 ppm
Zinc (Zn), min.....	1,850 ppm
Vitamin A, min.....	220,000 IU/lb
Vitamin D3, min.....	22,000 IU/lb
Vitamin E, min.....	810 IU/lb
Thiamine.....	100 mg/lb

MANUFACTURED BY  
**KENT NUTRITION GROUP, INC.**  
HEADQUARTERS IN MUSCATINE, IA 52761

# ENERGILASS® BREEDER AIDE® 28

## PRODUCT DESCRIPTION

A free-choice, high-energy, molasses-based supplement formulated for growing, developing, and breeding cattle on pasture.

## FEATURES AND BENEFITS

**Specifically formulated** for optimum nutrition during the breeding season.

**Complexed trace minerals** shown to increase reproductive performance.

**Can increase NDF digestibility and body condition score.**

**High energy** - molasses and added fat provide a very high level of sugar and energy. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which would improve forage digestion.

**Highly palatable** - the high level of molasses solids and fat make for a highly palatable product. The licking action along with saliva produced softens the top 1/4 inch of the block, allowing limited consumption. When this thin layer is consumed, the animals must wait for the next layer of the block to soften before they can consume additional product.

**Guaranteed mineral and high vitamin levels** are important for animal health, efficient nutrient utilization, and better nutrition.

**NPN (Non-Protein Nitrogen)** - improves the economics of the product without decreasing performance..

**Low moisture** - the manufacturing process reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture, adding to the freight and handling costs.

**No binders or hardeners** - many "big blocks" use chemicals and binders to harden the block or to control consumption. EnergiLass products do not contain these ingredients. This means you are buying only nutritional ingredients.

**Plastic barrel** is convenient to handle and eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty, the product is not lost in mud or manure as is often the case with conventional blocks or degradable tubs.

## FEEDING DIRECTIONS

Feed to growing/developing cattle and breeding cattle consuming lower quality pasture, hay, or forage. Place barrel(s) in a dry location near the animal's source of water, salt, mineral, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source and availability of roughage and/or grains; number of animals per barrel and barrel location. **Provide clean, fresh water at all times, plus free-choice mineral.**

Species	Animals/250 lb Barrel	Intake/hd/day
Cattle	20 - 30	0.50 lb - 0.75 lb

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area.

**WARNING:** Do not feed to sheep or horses.



## ENERGILASS® BREEDER AIDE® 28

A supplement for growing/developing and breeding cattle on pasture.

## GUARANTEED ANALYSIS

Crude Protein, min.....	28.0%
(This includes not more than 14.0% equivalent crude protein from non-protein nitrogen)	
Crude Fat, min.....	4.0%
Crude Fiber, max.....	2.5%
Calcium (Ca), min.....	1.5%
Calcium (Ca), max.....	2.0%
Phosphorus (P), min.....	1.25%
Salt (NaCl), min.....	none added
Magnesium (Mg), min.....	0.3%
Potassium (K), min.....	1.5%
Cobalt (Co), min.....	4.5 ppm
Copper (Cu), min.....	600 ppm
Chromium (Cr), min.....	6.45 ppm
Iodine (I), min.....	23 ppm
Manganese (Mn), min.....	2,500 ppm
Selenium (Se), min.....	8 ppm
Zinc (Zn), min.....	1,850 ppm
Vitamin A, min.....	220,000 IU/lb
Vitamin D3, min.....	22,000 IU/lb
Vitamin E, min.....	810 IU/lb
Thiamine.....	100 mg/lb

MANUFACTURED BY  
**KENT NUTRITION GROUP, INC.**  
HEADQUARTERS IN MUSCATINE, IA 52761

# ENERGILASS® CATTLE MINERAL 8

## PRODUCT DESCRIPTION

A free-choice, mineral and vitamin, molasses-based supplement formulated for beef calves and cattle on pasture.

## FEATURES AND BENEFITS

**Guaranteed mineral levels** with expected daily intake ensures mineral requirements are being met. Minerals are important for animal health, efficient nutrient utilization and better nutrition.

**High energy** from molasses and added fat. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which could improve forage digestion.

**Highly palatable** due to the high level of molasses solids and fat. Also makes a product which cannot be over-consumed. The licking action, along with saliva, softens the top 1/4-inch of the block, allowing limited consumption. When this thin layer is consumed the animals must wait for the next layer of the block to soften before they can consume additional product.

**High vitamin fortification** is vitally important to overall health and reproductive performance.

**Low moisture** due to a manufacturing process that reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture. High moisture levels add to freight and handling costs.

**No binders or hardeners** used. Many "big blocks" use chemicals and binders in manufacturing to harden the block or to control consumption. EnergiLass® Cattle Mineral 8 does not contain these ingredients. This means you are buying only nutritional ingredients.

**Plastic barrels** are convenient to handle and eliminate waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty the block is not lost in mud or manure as is often the case with conventional blocks.

## FEEDING DIRECTIONS

Feed to cattle on pasture. Place barrel(s) in a dry location near the animal's source of water, salt, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source, and availability of roughage and/or grains; number of animals per barrel and barrel location.

<u>Species</u>	<u>Animals/250 lb Barrel</u>	<u>Intake/hd/day</u>
Cattle	20 - 30	0.5 lb - 1.0 lb

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area. Provide clean, fresh water at all times, plus free-choice salt.

**NOTE:** Not recommended for feedlot cattle.

**WARNING:** Do not feed to sheep.



## ENERGILASS® CATTLE MINERAL 8

A mineral and vitamin supplement for beef calves and cattle on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	8.0%
Crude Fat, min.....	3.0%
Crude Fiber, max.....	2.0%
Calcium (Ca), min.....	4.0%
Calcium (Ca), max.....	5.0%
Phosphorus (P), min.....	4.0%
Salt (NaCl), min.....	none added
Magnesium (Mg), min.....	2.0%
Potassium (K), min.....	2.0%
Copper (Cu), min.....	300 ppm
Manganese (Mn), min.....	1,000 ppm
Selenium (Se), min.....	6.6 ppm
Zinc (Zn), min.....	1,000 ppm
Vitamin A, min.....	100,000 IU/lb
Vitamin D3, min.....	10,000 IU/lb
Vitamin E, min.....	100 IU/lb

MANUFACTURED BY  
**KENT NUTRITION GROUP, INC.**  
HEADQUARTERS IN MUSCATINE, IA 52761

# ENERGILASS® FESCUE PASTURE 20

## PRODUCT DESCRIPTION

A free-choice, high-energy, molasses-based supplement formulated for cattle consuming fescue pasture, hay, or forage.

## FEATURES AND BENEFITS

**High energy** molasses and added fat results in a very high level of sugar and energy. This high sugar level and licking action needed for consumption increase saliva production, which, in turn, may improve the rumen environment and improve forage digestion.

**Highly palatable** due to the high level of molasses solids and fat make for a product which cannot be over-consumed. The licking action along with saliva softens the top 1/4 inch of the block allowing limited consumption. When this thin layer is consumed the animals must wait for the next layer of the block to soften before they can consume additional product.

**Mineral fortification** provides balanced supply of major minerals and high levels of trace minerals for improved health and reproduction.

**Vitamin A, D, and E** are vitally important for overall health and reproductive performance.

**B vitamins** for improved health while cattle are consuming endophyte-infected fescue pasture or hay.

**Low moisture** from the manufacturing process reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture. This high moisture level adds to the freight and handling costs.

**No binders or hardeners** like many "big blocks" use to harden the block or control consumption. EnergiLass does not contain these ingredients, so producers buy only nutritional ingredients.

**Plastic barrel** is convenient to handle and eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty the block is not lost in mud or manure as is often the case with conventional blocks.

## FEEDING DIRECTIONS

Free-choice to cattle consuming fescue pasture, hay, or forage. Place barrel(s) in a dry location near the animal's source of water, salt, mineral, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source, and availability of roughage and/or grains; number of animals per barrel and barrel location.

Species	Animals/250 lb Barrel	Intake/hd/day
Cattle	20 - 30	0.5 lb - 1.0 lb

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area. Provide clean, fresh water at all times, plus free-choice mineral.

**WARNING:** Do not feed to sheep or horses.



## ENERGILASS® FESCUE PASTURE 20

A supplement for beef calves and cattle on pasture.

## GUARANTEED ANALYSIS

Crude Protein, min .....	20.0%
(This includes not more than 8.0% equivalent crude protein from non-protein nitrogen.)	
Crude Fat, min .....	5.0%
Crude Fiber, max .....	2.0%
Calcium (Ca), min .....	1.3%
Calcium (Ca), max .....	1.8%
Phosphorus (P), min .....	1.0%
Magnesium (Mg), min .....	2.0%
Potassium (K), min .....	3.0%
Manganese (Mn), min .....	2,000 ppm
Selenium (Se), min .....	7.0 ppm
Zinc (Zn), min .....	2,500 ppm
Vitamin A, min .....	100,000 IU/lb
Vitamin D3, min .....	20,000 IU/lb
Vitamin E, min .....	100 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

10

## INGREDIENTS

Molasses Products, Corn Gluten Meal, Corn Distillers Dried Grains with Solubles, Wheat Middlings, Soybean Meal, Sunflower Meal, Pork Fat, Urea, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Calcium Sulfate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Menadione Dimethylpyridinol Bisulfite (source of vitamin K Activity), Riboflavin Supplement, Vitamin B12 Supplement, Calcium Pantothenate, Choline Chloride, Niacin Supplement, Zinc Amino Acid Complex, Copper Amino Acid Complex, Manganese Amino Acid Complex, Cobalt Glucopheptonate, Calcium Iodate, Magnesium Oxide, Ferrous Sulfate, Zinc Sulfate, Manganese Sulfate, Copper Sulfate, Cobalt Carbonate, Selenium Yeast, Sodium Selenite.

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**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761



# ENERGILASS® RUMEN BOOSTER

## PRODUCT DESCRIPTION

Formulated for preconditioning, stressed, shipped-in feeder cattle, or cattle in sick pens on all types of rations. Product is a free-choice, high-energy molasses-based supplement which can also be offered to cows and heifers during the breeding season. Use in dairy operations for heifers beginning at 150 pounds once calves are weaned. Can also be used with dairy cows in stress situations.

## FEATURES AND BENEFITS

**Yeast** culture encourages consumption, aids in fiber digestion, and efficient nutrient utilization.

**Thiamine and B Vitamins** are known to stimulate intake of cattle under stress.

**Complexed trace minerals** to improve trace mineral availability and utilization.

**High levels of Vitamin A, D, and E** are important for animal health, improved reproductive performance, efficient nutrient utilization and better nutrition.

**High energy** from molasses and added fat. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which would improve forage digestion.

**Highly palatable** due to the high level of molasses solids and fat. The licking action along with saliva produced softens the top 1/4-inch of the block allowing limited consumption.

**Guaranteed mineral levels** are important for animal health and performance.

**Low moisture** because the manufacturing process reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture, adding to the freight and handling costs.

**No chemical binders or hardeners** like many "big blocks" use to harden the block or to control consumption. This means you are buying only nutritional ingredients.

**Plastic barrel** is convenient to handle and eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty the block is not lost in mud or manure as is often the case with conventional blocks.



## ENERGILASS® RUMEN BOOSTER

A supplement for stressed cattle in the feedlot or on pasture; for cows before and during the breeding season.

### GUARANTEED ANALYSIS

Crude Protein, min.....	14.0%
Crude Fat, min .....	5.0%
Crude Fiber, max .....	2.0%
Calcium (Ca), min.....	1.5%
Calcium (Ca), max.....	2.0%
Phosphorus (P), min .....	2.0%
Salt (NaCl), min .....	4.0%
Salt (NaCl), max .....	5.0%
Magnesium (Mg), min.....	0.2%
Potassium (K), min.....	2.0%
Cobalt (Co), min .....	4.5 ppm
Copper (Cu), min.....	510 ppm
Iodine (I), min.....	25.0 ppm
Manganese (Mn), min.....	1,400 ppm
Selenium (Se), min .....	8.0 ppm
Zinc (Zn), min.....	1,700 ppm
Vitamin A, min .....	200,000 IU/lb
Vitamin D3, min .....	20,000 IU/lb
Vitamin E, min .....	800 IU/lb
Thiamine, min.....	95 mg/lb

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## FEEDING DIRECTIONS

Feed free-choice to stressed or shipped-in feeder cattle, or cattle in sick pens on all types of rations. Place barrel(s) in a dry location near the animal's source of water or loafing area. Consumption will vary depending on animal size; health; quality, source, and availability of roughage and/or grains; number of animals per barrel and barrel location.

<b>Species</b>	<b>Animals/ 250 lb Barrel</b>	<b>Animals/ 331/3 lb Pail</b>	<b>Intake/ hd/day</b>
Cattle (stressed)	10	1	0.25 - 0.75 lb
Cattle (healthy)	30	4	0.25 - 0.75 lb

This product can also be fed beginning 3 weeks before and during the breeding season.

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel or place barrels away from the normal loafing area.

Provide clean, fresh water at all times.

DO NOT free-choice salt and/or minerals, provide these nutrients in the regular ration.

**WARNING:** Do not feed to sheep.

# ENERGILASS® SUPER HI-MAG 12

## PRODUCT DESCRIPTION

A free-choice, high-energy, molasses-based supplement formulated for cattle, sheep and goats consuming lush, rapidly growing pasture or anytime low quality, low magnesium forages are fed.

## FEATURES AND BENEFITS

Guaranteed magnesium level (4.4%) - provides extra magnesium to cattle, sheep and goats.

High energy - molasses and added fat results in a very high level of sugar and energy. This high sugar level and the licking action needed for consumption increase saliva production. This, in turn, may improve the rumen environment which would improve forage digestion.

Highly palatable - the high level of molasses solids and fat make for a highly palatable product which cannot be over-consumed. The licking action along with saliva produced softens the top 1/4 inch of the block allowing limited consumption. When this thin layer is consumed the animals must wait for the next layer of the block to soften before they can consume additional product.

Guaranteed mineral and high vitamin levels are important for animal health, efficient nutrient utilization and better nutrition.

Low moisture - the manufacturing process reduces moisture to less than 4%. Other typical "big blocks" contain about 25% moisture. This high moisture level adds to the freight and handling costs.

No binders or hardeners - many "big blocks" use chemicals and binders to harden the block or to control consumption. EnergiLass Super Hi-Mag 12 does not contain these ingredients. This means you are buying only nutritional ingredients.

Plastic Barrel - not only convenient to handle but eliminates waste. Even in bad weather, the nutrients are contained in the barrel. When the barrel is almost empty the block is not lost in mud or manure as is often the case with conventional blocks.

## FEEDING DIRECTIONS

Free-choice to cattle, sheep and goats consuming lush, rapidly growing pasture or anytime low quality, low magnesium forages are fed. Place barrel(s) in a dry location near the animal's source of water, salt, mineral, or loafing area. Consumption will vary depending on animal size; stage of production; quality, source, and availability of roughage and/or grains; number of animals per barrel and barrel location.

Species	Animals/ 250 lb Barrel	Intake/ hd/day
Cattle	20 - 30	0.5 lb - 1.0 lb
Sheep, Goats & Deer	30 - 50	1.0 oz - 2.0 oz

DAILY INTAKE VALUES ARE APPROXIMATE. To increase consumption decrease the number of animals per barrel. To reduce consumption increase the number of animals per barrel, or place barrels away from the normal loafing area. **Provide clean, fresh water at all times, plus free-choice mineral.**

**WARNING:** Do not feed to horses.



## ENERGILASS® SUPER HI-MAG 12

A supplement for beef calves and cattle on pasture; for breeding and lactating sheep and goats.

### GUARANTEED ANALYSIS

Crude Protein, min.....	12.0%
Crude Fat, min.....	5.0%
Crude Fiber, max.....	2.0%
Calcium (Ca), min.....	1.2%
Calcium (Ca), max.....	1.7%
Phosphorus (P), min.....	0.8%
Magnesium (Mg), min.....	4.4%
Potassium (K), min.....	3.0%
Manganese (Mn), min.....	200 ppm
Selenium (Se), min.....	4.4 ppm
Zinc (Zn), min.....	400 ppm
Vitamin A, min.....	80,000 IU/lb
Vitamin D3, min.....	8,000 IU/lb
Vitamin E, min.....	80 IU/lb

9

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# FRAMEWORK 365 MINERAL® ADE

## PRODUCT DESCRIPTION

For beef cattle on pasture or in the feedlot; growing beef calves; dairy cattle; and replacement dairy heifers.

## FEATURES AND BENEFITS

**The Rain-Cote® process** for Kent free-choice minerals can reduce loss of valuable livestock minerals and vitamins exposed to wind and weather; improves water resistance helping mineral stay free-flowing and palatable even on the wettest days; reduces “bricking up” in wet weather.

**Monocalcium and dicalcium phosphate** are two of the most readily available sources of phosphorus for livestock.

**Sodium selenite** is a nutritional source of selenium, which along with **high vitamin fortification** is vitally important to the overall health and reproductive performance of all animals.

## FEEDING DIRECTIONS

**Framework 365 Mineral® ADE:** Free-choice in a dry, clean bunk or mineral feeder, or mix in rations as specified in Kent feeding programs. The amount consumed will vary depending on the quality, type and quantity of feedstuffs available.

Species	Approximate Daily Consumption
Beef cattle & calves	3 - 4 oz
Dairy replacement heifers	3 - 4 oz

For lactating dairy cows, mix 25 lb in a ton of grain mix. Feed grain mix as specified in the appropriate Kent feeding program.

For dairy replacement heifers and beef cattle, free-choice in a dry, clean bunk or mineral feeder or mix in rations as specified in the Kent feeding programs. The amount consumed will vary depending on the quality, type and quantity of feedstuff available.

Each ounce of product provides 23,750 IU of vitamin A; 6,250 IU of vitamin D3, and 23.4 IU of vitamin E.

**CAUTION:** Do not feed to sheep or horses.



## FRAMEWORK 365 MINERAL® ADE

For beef cattle on pasture or in the feedlot; growing beef calves; dairy cattle; and replacement dairy heifers.

## GUARANTEED ANALYSIS

Calcium (Ca), min .....	15.3%
Calcium (Ca), max .....	18.3%
Phosphorus (P), min .....	7.5%
Salt (NaCl), min .....	13.5%
Salt (NaCl), max .....	16.2%
Magnesium (Mg), min .....	0.5%
Potassium (K), min .....	0.15%
Copper (Cu), min .....	1,450 ppm
Manganese (Mn), min .....	4,950 ppm
Selenium (Se), min .....	26.4 ppm
Zinc (Zn), min .....	4,750 ppm
Vitamin A, min .....	380,000 IU/lb
Vitamin D3, min .....	100,000 IU/lb
Vitamin E, min .....	375 IU/lb

5

## INGREDIENTS

Monocalcium Phosphate, Dicalcium Phosphate, Salt, Calcium Carbonate, Processed Grain By-Products, Cane Molasses, Vegetable Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Stearate, Iron Oxide, Calcium Iodate, Magnesium Oxide, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate Cobalt Carbonate, Zinc Sulfate, Sodium Selenite, Natural & Artificial Flavors, Saccharin Sodium, Ethoxyquin and BHT (preservatives).

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HEADQUARTERS IN MUSCATINE, IA 52761

# FRAMEWORK 365 MINERAL® FESCUE PASTURE CTC\*

## PRODUCT DESCRIPTION

A mineral for beef cattle on pasture.

## FEATURES AND BENEFITS

**Rain-Cote® process** for Kent free-choice minerals can reduce loss of valuable livestock minerals and vitamins exposed to weather.

**Rain-Cote minerals with improved water resistance** stay free-flowing and palatable even on the wettest days.

**Chlortetracycline** aids in control of bacterial pneumonia associated with shipping fever.

**Monocalcium and dicalcium phosphate** are two readily available sources of phosphorus for livestock.

**Magnesium oxide** is a good nutritional source of magnesium.

**High vitamin fortification** is vitally important to the overall health and reproductive performance of animals.

**Complexed manganese, copper, and zinc** are added to help improve reproduction during the breeding season.

## FEEDING DIRECTIONS

Top-dress 3 oz with 1 - 2 lb of grain per head per day to beef cattle on pasture. This will provide 350 milligrams of chlortetracycline per head per day. The amount of grain will vary depending on body condition.

Framework 365 Mineral® Fescue Pasture CTC medicated is well-balanced and highly-fortified, providing mineral additions for beef cattle on a wide variety of pasture types, such as: Bluegrass, Brome, Orchard, Wheat, Rye, Reed Canary, Timothy, Bermuda, Native and Western Grasses and Fescue.

## WARNING

A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

**CAUTION:** Do not feed to sheep.



## FRAMEWORK 365 MINERAL® FESCUE PASTURE CTC MEDICATED

For beef cattle on pasture.

For control of bacterial pneumonia associated with shipping fever complex caused by *Pasturella* spp. susceptible to chlortetracycline in beef cattle.

### ACTIVE DRUG INGREDIENT

Chlortetracycline ..... 1.87 gm/lb

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	15.3%
Calcium (Ca), max.....	18.3%
Phosphorus (P), min. ....	7.5%
Salt (NaCl), min.....	13.5%
Salt (NaCl), max. ....	16.2%
Magnesium (Mg), min.....	0.5%
Potassium (K), min.....	0.15%
Copper (Cu), min.....	1,450 ppm
Manganese (Mn), min.....	4,950 ppm
Selenium (Se), min. ....	26.4 ppm
Zinc (Zn), min.....	4,750 ppm
Vitamin A, min. ....	380,000 IU/lb
Vitamin D3, min. ....	100,000 IU/lb
Vitamin E, min.....	475 IU/lb

5

### INGREDIENTS

Monocalcium Phosphate, Dicalcium Phosphate, Salt, Calcium Carbonate, Processed Grain By-Products, Cane Molasses, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Vegetable Oil, Zinc Amino Acid Complex, Manganese Amino Acid Complex, Copper Amino Acid Complex, Cobalt Glucoheptonate, Calcium Stearate, Iron Oxide, Calcium Iodate, Magnesium Oxide, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Zinc Sulfate, Selenium Yeast, Sodium Selenite, Natural & Artificial Flavors, Saccharin Sodium, Ethoxyquin and BHT (preservatives).

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\*CAUTION: Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by, or on the order of, a licensed veterinarian.

**BEEF (M 7703)**

# FRAMEWORK 365 MINERAL<sup>®</sup> MG

## PRODUCT DESCRIPTION

Helps prevent grass tetany in ruminant animals, particularly brood cows, grazing any lush growth of grass or corn stalks.

## FEATURES AND BENEFITS

**Rain-Cote<sup>®</sup> process** can reduce loss of valuable live-stock minerals and vitamins exposed to weather.

**Rain-Cote minerals with improved water resistance** stay free-flowing and palatable even on the wettest days.

**High level of magnesium** (12.0%) to help prevent the occurrence of grass tetany, believed to be caused by a lack of magnesium at the tissue level. Builds up the magnesium level in livestock tissues - the condition (grass tetany) is not actually a nutritional deficiency because there is adequate magnesium in forages. However, lush grass contains high levels of various nitrogenous compounds believed to tie up the magnesium present.

**Calcium and phosphorus**, often deficient in pastures, at levels so livestock reserves are not depleted.

**Guaranteed Vitamin A** aids in immune system function.

**Guaranteed Vitamin D** is necessary for proper mineral assimilation and utilization (particularly phosphorus) in the body. A deficiency of Vitamin D in pregnant animals may produce young that are malformed.

**Guaranteed Vitamin E** is important to the reproductive performance and overall immune system function.

**Free-choice feeding** to make it easy to feed and does not have to be mixed as part of a feed ration.

**Sodium selenite** to provide a nutritional source of selenium.

## FEEDING DIRECTIONS

**Framework 365 Mineral<sup>®</sup> MG** should be fed free-choice to beef cattle on pasture in covered mineral feeders. Locate feeders near water. Do not feed any other source of salt. Animals should consume approximately 3 - 4 ounces per head per day. Feed on wheat pasture, during early spring, or on regular pastures at times when magnesium may be deficient. In early spring, product should be fed 3 - 4 weeks prior to time when cattle are first turned out on lush pasture.

**CAUTION:** Do not feed to sheep.



## FRAMEWORK 365 MINERAL<sup>®</sup> MG

For beef cattle grazing low magnesium pastures.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	7.2%
Calcium (Ca), max.....	8.6%
Phosphorus (P), min.....	3.75%
Salt (NaCl), min.....	13.5%
Salt (NaCl), max.....	16.2%
Magnesium (Mg), min.....	12.0%
Potassium (K), min.....	0.1%
Copper (Cu), min.....	1,450 ppm
Manganese (Mn), min.....	4,950 ppm
Selenium (Se), min.....	26.4 ppm
Zinc (Zn), min.....	4,750 ppm
Vitamin A, min.....	237,500 IU/lb
Vitamin D3, min.....	19,000 IU/lb
Vitamin E, min.....	190 IU/lb

5

### INGREDIENTS

Salt, Magnesium Oxide, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Processed Grain By-Products, Cane Molasses, Vegetable Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Stearate, Iron Oxide, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Sodium Selenite, Natural & Artificial Flavors, Saccharin Sodium, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

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HEADQUARTERS IN MUSCATINE, IA 52761

# FRAMEWORK 365 MINERAL® MG CTC\*

## PRODUCT DESCRIPTION

Helps prevent grass tetany in ruminant animals, particularly brood cows, grazing any lush growth of grass or corn stalks. Medicated for the control of active infestation of anaplasmosis caused by *Anaplasma marginale* susceptible to chlortetracycline.

## FEATURES AND BENEFITS

**Rain-Cote® process** can reduce loss of valuable livestock minerals and vitamins exposed to weather.

**Rain-Cote minerals with improved water resistance** stay free-flowing and palatable even on the wettest days.

**High level of magnesium** (12.0%) to help prevent the occurrence of grass tetany, believed to be caused by a lack of magnesium at the tissue level. Builds up the magnesium level in livestock tissues - the condition (grass tetany) is not actually a nutritional deficiency because there is adequate magnesium in forages. However, lush grass contains high levels of various nitrogenous compounds believed to tie up the magnesium present.

**Calcium and phosphorus**, often deficient in pastures, at levels so livestock reserves are not depleted.

**Guaranteed Vitamin A** aids in immune system function.

**Guaranteed Vitamin D** is necessary for proper mineral assimilation and utilization (particularly phosphorus) in the body. A deficiency of Vitamin D in pregnant animals may produce young that are malformed.

**Guaranteed Vitamin E** is important to the reproductive performance and overall immune system function.

**Free-choice feeding** to make it easy to feed and does not have to be mixed as part of a feed ration.

**Sodium selenite** to provide a nutritional source of selenium.

## FEEDING DIRECTIONS

**Framework 365 Mineral® MG CTC Medicated** should be fed continuously at 0.5 ounce per 100 lb of body weight to beef cattle weighing over 700 lb, in one pound of grain to provide 0.5 mg chlortetracycline per lb of body weight per day. Example: Mix 6 oz of **Framework 365 Mineral® MG CTC Medicated** in at least one pound of grain for a 1200-lb cow and feed daily. This provides 600 mg chlortetracycline per head daily.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

**CAUTION:** Do not feed to sheep.



## FRAMEWORK 365 MINERAL® MG CTC MEDICATED

For beef cattle.

Control of active infestation of anaplasmosis caused by *Anaplasma marginale* susceptible to chlortetracycline.

### ACTIVE DRUG INGREDIENT

Chlortetracycline ..... 1.6 gm/lb

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	7.2%
Calcium (Ca), max.....	8.6%
Phosphorus (P), min.....	3.75%
Salt (NaCl), min.....	13.5%
Salt (NaCl), max.....	16.2%
Magnesium (Mg), min.....	12.0%
Potassium (K), min.....	0.1%
Copper (Cu), min.....	1,450 ppm
Manganese (Mn), min.....	4,950 ppm
Selenium (Se), min.....	17.6 ppm
Zinc (Zn), min.....	4,750 ppm
Vitamin A, min.....	237,500 IU/lb
Vitamin D3, min.....	19,000 IU/lb
Vitamin E, min.....	190 IU/lb

6

### INGREDIENTS

Salt, Magnesium Oxide, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Processed Grain By-Products, Cane Molasses, Vegetable Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Stearate, Iron Oxide, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Sodium Selenite, Natural & Artificial Flavors, Saccharin Sodium, Ethoxyquin and BHT (preservatives).

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**BEEF (M 7705)**

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1/17

# FRAMEWORK 365 MINERAL<sup>®</sup> ANAPLAS CTC\* AFC

## PRODUCT DESCRIPTION

For beef cattle on pasture.

## FEATURES AND BENEFITS

**The Rain-Cote<sup>®</sup> process** for Kent free-choice minerals can reduce loss of valuable livestock minerals and vitamins exposed to wind and weather; improves water resistance helping mineral stay free-flowing and palatable even on the wettest days; reduces "bricking up" in wet weather.

**Monocalcium and dicalcium phosphate** are two of the most readily available sources of phosphorus for livestock.

**Sodium selenite** is a nutritional source of selenium, which along with **high vitamin fortification** is vitally important to the overall health and reproductive performance of all animals.

**Also available as Pasture CTC** for the control of bacterial pneumonia associated with shipping fever complex caused by *Pasturella spp.* susceptible to chlortetracycline in beef cattle.

## FEEDING DIRECTIONS

Feed **Framework 365 Mineral ANAPLAS CTC MINERAL AFC MEDICATED** at the rate of 3.2 oz per head per day. This feeding rate will provide 0.5 milligram of chlortetracycline per pound of body weight per day and not less than 22.7 mg and not more than 45.4 mg methoprene per 100 pounds body weight per month.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

**CAUTION:** Keep out of reach of children. Discard empty container according to local regulations. Never reuse empty container.

**CAUTION:** Do not feed to sheep.



## FRAMEWORK 365 MINERAL<sup>®</sup> ANAPLAS CTC AFC MEDICATED

For beef cattle on pasture.

Control of active infection of anaplasmosis caused by *Anaplasma marginale* susceptible to chlortetracycline in beef cattle over 700 lb. Insect growth regulator for continuous feeding during the fly season to prevent breeding of horn flies in the manure of treated cattle.

## ACTIVE DRUG INGREDIENT

Chlortetracycline .....	5,000 gm/ton
S-Methoprene.....	124.74 gm/ton

## GUARANTEED ANALYSIS

Calcium (Ca), min .....	15.3%
Calcium (Ca), max .....	18.3%
Phosphorus (P), min .....	7.5%
Salt (NaCl), min .....	13.5%
Salt (NaCl), max .....	16.2%
Magnesium, (Mg), min .....	0.5%
Potassium, (K), min .....	0.15%
Copper (Cu), min .....	1,450 ppm
Manganese (Mn), min .....	4,950 ppm
Selenium (Se), min .....	26.4 ppm
Zinc (Zn), min .....	4,750 ppm
Vitamin A, min .....	380,000 IU/lb
Vitamin D3, min .....	100,000 IU/lb
Vitamin E, min .....	375 IU/lb

4

## INGREDIENTS

Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Salt, Cane Molasses, Processed Grain By-Products, Vegetable Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Stearate, Iron Oxide, Calcium Iodate, Magnesium Oxide, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Zinc Sulfate, Sodium Selenite, Natural & Artificial Flavors, Saccharin Sodium, Ethoxyquin and BHT (preservatives).

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\*CAUTION: Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by, or on the order of, a licensed veterinarian.

**BEEF (M 8766)**

# FRAMEWORK 365 MINERAL<sup>®</sup> PASTURE CTC\*

## PRODUCT DESCRIPTION

For beef cattle on pasture for control of bacterial pneumonia associated with shipping fever complex caused by *Pasturella* spp. susceptible to chlortetracycline in beef cattle.

## FEATURES AND BENEFITS

**The Rain-Cote<sup>®</sup> process** for Kent free-choice minerals can reduce loss of valuable livestock minerals and vitamins exposed to wind and weather; improves water resistance helping mineral stay free-flowing and palatable even on the wettest days; reduces "bricking up" in wet weather.

**Monocalcium and dicalcium phosphate** are two of the most readily available sources of phosphorus for livestock.

**Sodium selenite** is a nutritional source of selenium, which along with **high vitamin fortification** is vitally important to the overall health and reproductive performance of all animals.

**Chlortetracycline** for the control of bacterial pneumonia associated with shipping fever complex caused by *Pasturella* spp. susceptible to chlortetracycline in beef cattle.

## FEEDING DIRECTIONS

Thoroughly mix Framework 365 Mineral<sup>®</sup> Pasture CTC medicated with grain to provide 23,750 IU of vitamin A; 6,250 IU of vitamin D3, and 23.4 IU of vitamin E.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

**CAUTION:** Do not feed to sheep or horses.



## FRAMEWORK 365 MINERAL<sup>®</sup> PASTURE CTC

For beef cattle on pasture for control of bacterial pneumonia associated with shipping fever complex caused by *Pasturella* spp. susceptible to chlortetracycline in beef cattle.

### ACTIVE DRUG INGREDIENT

Chlortetracycline ..... 1.87 gm/lb

### GUARANTEED ANALYSIS

Calcium (Ca), min .....	15.3%
Calcium (Ca), max .....	18.3%
Phosphorus (P), min .....	7.5%
Salt (NaCl), min .....	13.5%
Salt (NaCl), max .....	16.2%
Magnesium (Mg), min .....	0.5%
Potassium (K), min .....	0.15%
Copper (Cu), min .....	1,450 ppm
Manganese (Mn), min .....	4,950 ppm
Selenium (Se), min .....	26.4 ppm
Zinc (Zn), min .....	4,750 ppm
Vitamin A, min .....	380,000 IU/lb
Vitamin D3, min .....	100,000 IU/lb
Vitamin E, min .....	375 IU/lb

5

### INGREDIENTS

Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Salt, Processed Grain By-Products, Cane Molasses, Vegetable Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Stearate, Iron Oxide, Calcium Iodate, Magnesium Oxide, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate Cobalt Carbonate, Zinc Sulfate, Sodium Selenite, Natural & Artificial Flavors, Saccharin Sodium, Ethoxyquin and BHT (preservatives).

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**BEEF (M 7702)**

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1/17

101



# FRAMEWORK 365 MINERAL® PASTURE BREEDER AIDE®

## PRODUCT DESCRIPTION

A complete, balanced mineral and vitamin supplement for cattle on pasture. It contains a unique blend of complexed trace minerals and inorganic trace minerals for improving reproductive performance in cows. This unique blend of trace minerals may enhance the immune system and promotes healthy growth of bone, skin, hair, and hoof tissue.

## FEATURES AND BENEFITS

**The Rain-Cote® process** for Kent free-choice minerals can reduce loss of valuable livestock minerals and vitamins exposed to wind and weather; improves water resistance helping mineral stay free-flowing and palatable even on the wettest days; reduces “bricking up” in wet weather.

**Complexed trace mineral sources** improve bioavailability for more activity in the target tissues.

**Guaranteed level of copper** influences conception rate, early embryo survival, and ovulation.

**Guaranteed level of manganese** influences timely estrus and conception rate.

**Guaranteed level of selenium** influences expression of standing heat.

**Guaranteed level of zinc** influences hormone synthesis and estrus behavior.

**Guaranteed levels of vitamins A, D, and E** for overall health and reproductive performance.

**Excellent sources of available phosphorus** for optimum absorption.

## FEEDING DIRECTIONS

Beginning 2 weeks prior to and throughout the breeding season provide free-choice Framework 365 Mineral Pasture Breeder Aide in a dry clean bunk or mineral feeder. Locate the mineral feeder close to where the cattle congregate or are watered. Consumption will vary depending on the quality, type and quantity of feedstuffs available, but should be 3 to 4 ounces per head daily. If over-consumption occurs, move the mineral feeder further from the water or offer plain white salt to the cattle along with Framework 365 Mineral Pasture Breeder Aide.

## DO NOT FEED TO SHEEP.



## FRAMEWORK 365 MINERAL® PASTURE BREEDER AIDE®

For pasture cattle.

### GUARANTEED ANALYSIS

Calcium (Ca), min .....	15.3%
Calcium (Ca), max .....	18.3%
Phosphorus (P), min .....	7.5%
Salt (NaCl), min .....	13.5%
Salt (NaCl), max .....	16.2%
Copper (Cu), min .....	1,900 ppm
Manganese (Mn), min .....	4,950 ppm
Selenium (Se), min .....	26.4 ppm
Zinc (Zn), min .....	4,750 ppm
Vitamin A, min .....	380,000 IU/lb
Vitamin D3, min .....	100,000 IU/lb
Vitamin E, min .....	475 IU/lb

3

### INGREDIENTS

Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Processed Grain By-Products, Cane Molasses, Vegetable Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Zinc Amino Acid Complex, Manganese Amino Acid Complex, Copper Amino Acid Complex, Cobalt Glucoheptonate, Calcium Stearate, Iron Oxide, Magnesium Oxide, Calcium Iodate, Zinc Sulfate, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Sodium Selenite, Selenium Yeast, Natural & Artificial Flavors, Saccharin Sodium, Ethoxyquin and BHT (preservatives).

Manufactured by

**KENT NUTRITION GROUP, INC.**

Headquarters in Muscatine, IA 52761

# FEEDLOT™ MINERAL

## PRODUCT DESCRIPTION

This product provides a combination of minerals typically lacking in high-grain beef finishing rations when supplements other than Go-Pro™ and NRB® are fed.

## FEATURES AND BENEFITS

**Proper levels of calcium, potassium, and magnesium** provide the necessary balance of these minerals to improve average daily gain by 13% and improve feed conversion by 10%.

**No added phosphorus** because high-energy diets (1.5% or more of the body weight in corn) do not need the additional phosphorus. This helps balance the ration and keeps cost down.

**Convenience of one supplement** allows the beef producer to handle one supplement in bulk, for growing cattle and finishing cattle, supplementing the high-grain finishing ration with Feedlot Mineral.

Available with monensin (Rumensin® product #1788) and lasalocid (Bovatec® product #7761) for improved feed efficiency and increased rate of weight gain in beef cattle fed in confinement for slaughter.

## FEEDING DIRECTIONS

Feed to finishing cattle at the rate of 0.8 oz (0.05 lb) - 3.2 oz (0.2 lb) per head per day. This mineral is not required if cattle are being fed Kent Go-Pro or NRB. For more precise feeding and mixing directions, contact a KNG representative.

**NOTE:** Do not feed to sheep.



## FEEDLOT™ MINERAL

For beef cattle fed high energy rations in confinement.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	20.0%
Calcium (Ca), max.....	24.0%
Magnesium (Mg), min.....	2.0%
Potassium (K), min.....	14.0%
Copper (Cu), min.....	200 ppm
Selenium (Se), min. ....	2 ppm
Zinc (Zn), min.....	630 ppm

**10**

### INGREDIENTS

Calcium Carbonate, Potassium Sulfate, Magnesium Sulfate, Potassium Chloride, Cane Molasses, Corn Distillers Dried Grains with Solubles, Anise Oil, Animal Fat, Calcium Iodate, Magnesium Oxide, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761



# MINERAL BLOCK

## PRODUCT DESCRIPTION

A convenient form for feeding minerals and vitamins free-choice.

## FEATURES AND BENEFITS

**Phosphorus** is the most important major mineral.

**Monocalcium and dicalcium phosphate** are the most available sources of phosphorus in animal feeds.

**Palatability** is ensured with the addition of salt, cane molasses, and flavor to stimulate consumption to meet animals' mineral needs.

**Guaranteed vitamin levels** ensure adequate vitamins in the animal's diet. Vitamin A for healthy tissue; Vitamin D aids in mineral utilization; Vitamin E is important to the reproductive performance of all animals.

**Sodium selenite** provides a nutritional source of selenium.

## FEEDING DIRECTIONS

**Cattle and horses** - provide one block per 20 - 25 head. Preferably this block should be located where it is accessible to animals, yet in an area where it can be kept dry, clean and fresh.

Do not feed free choice to horses until they have become accustomed to it.

Feed up to 0.24 lb per animal per day (3 mg selenium per day).

**WARNING** This product contains added copper and should not be fed to sheep or related species having a low tolerance to copper.



## MINERAL BLOCK

A mineral for beef cattle and mature horses on pasture or in dry lot.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	14.5%
Calcium (Ca), max.....	17.4%
Phosphorus (P), min. ....	8.0%
Salt (NaCl), min.....	10.0%
Salt (NaCl), max. ....	12.0%
Magnesium (Mg), min.....	0.5%
Copper (Cu), min.....	200 ppm
Selenium (Se), min. ....	28 ppm
Zinc (Zn), min.....	400 ppm
Vitamin A, min. ....	100,000 IU/lb
Vitamin D3, min. ....	10,000 IU/lb
Vitamin E, min.....	100 IU/lb

21

### INGREDIENTS

Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Salt, Cane Molasses, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Ethylenediamine Dihydriodide, Manganese Sulfate, Ferrous Sulfate, Iron Oxide, Cobalt Carbonate, Copper Sulfate, Calcium Iodate, Zinc Oxide, Wheat Middlings, Magnesium Oxide, Sodium Selenite, Natural and Artificial Flavor Added.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# MIXING MINERAL™

## 1440B

### PRODUCT DESCRIPTION

A highly fortified mineral to be fed to stocker, feeder, fattening cattle, and replacement heifers.

### FEATURES AND BENEFITS

**Bovatec®** for increased rate of weight gain in pasture cattle (slaughter, stocker, feeder cattle, and dairy and beef replacement heifers).

**Monocalcium, and dicalcium phosphate** are two readily available sources of phosphorus for livestock.

**High vitamin fortification** is vitally important to the overall health and reproductive performance of all animals.

**Sodium selenite** to provide a nutritional source of selenium.

### FEEDING DIRECTIONS

Thoroughly mix with grain to provide 60-200 g/ton lasalocid in the ration as follows:

Animal Weight, lb	Lasalocid Intake mg/hd/day	Feed Intake, lb/hd/day	lb mineral/ton
		Mixing Mineral 1440B	Grain Mix
<400	100 - 150	0.14 - 0.21	3
400 - 600	150 - 200	0.21 - 0.28	5

Feed continuously at the rate of not less than 60 milligrams or more than 200 milligrams of lasalocid per head per day when on pasture. The drug must be contained in at least 1 pound of feed.

**CAUTION:** Do not allow equine animals access to feeds containing lasalocid as ingestion may be fatal. The safety of lasalocid for use in unapproved species has not been established. Feeding undiluted, or mixing errors resulting in an excess lasalocid concentration that could be fatal to cattle and sheep.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating cattle. Do not use in calves to be processed for veal.

**CAUTION:** Do not feed to sheep.



## MIXING MINERAL™ 1440B

### MEDICATED

A mineral for beef cattle on pasture.

For increased rate of weight gain in pasture cattle (slaughter, stocker, feeder cattle and dairy and beef replacement heifers).

### ACTIVE DRUG INGREDIENT

Lasalocid (as lasalocid sodium) .....1440 g/ton

### GUARANTEED ANALYSIS

Calcium (Ca), min.....13.0%  
 Calcium (Ca), max.....15.6%  
 Phosphorus (P), min.....6.5%  
 Salt (NaCl), min.....18.5%  
 Salt (NaCl), max.....22.0%  
 Magnesium (Mg), min.....1.0%  
 Potassium (K), min.....2.0%  
 Copper (Cu), min.....900 ppm  
 Manganese (Mn), min.....1,700 ppm  
 Selenium (Se), min.....10 ppm  
 Zinc (Zn), min.....1,700 ppm  
 Vitamin A, min.....300,000 IU/lb  
 Vitamin D3, min.....30,000 IU/lb  
 Vitamin E, min.....300 IU/lb

12

### INGREDIENTS

Monocalcium Phosphate, Dicalcium Phosphate, Salt, Calcium Carbonate, Potassium Sulfate, Magnesium Sulfate, Magnesium Oxide, Potassium Chloride, Cane Molasses, Processed Grain By-Products, Plant Protein Products, Animal Fat, Calcium Stearate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Manganese Sulfate, Ferrous Sulfate, Cobalt Carbonate, Zinc Sulfate, Copper Sulfate, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

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HEADQUARTERS IN MUSCATINE, IA 52761

*Bovatec is a registered trademark of Alpharma Animal Health*

# BOVANTAGE®

## Product Description

BoVantage supplement is a nutrient-dense feed fortifier containing a mix of natural ingredients, organic acids, vitamins and complexed trace minerals. Mix in beef and dairy beef rations to increase the nutrient fortification for maintaining health and performance.

## Features and Benefits

**The proprietary mix of natural ingredients, organic acids, vitamins and complexed trace minerals in BoVantage may:**

- Promote a healthy rumen environment
- Support the growth of beneficial bacteria
- Stimulate dry matter intake
- Help combat stress
- Provide immune system support

**Research Proven** at the Kent Product Development Center to provide real-world results.

**Pellet form** for easier handling and mixing

Available in a 50-lb bag.

## Feeding Directions

BoVantage supplement feeding rate is based on the dry matter content of the total mixed ration. BoVantage Dry Matter Adjustments Data were developed from cattle fed a 70% dry matter diet with wet gluten feed. The amount to be mixed in the TMR (complete diet) is as follows:

% Dietary Dry Matter	lb of BoVantage per Ton
40%	15.0 lb
50%	18.0 lb
60%	21.5 lb
<b>70%</b>	<b>25.0 lb</b>
80%	28.5 lb
90%	31.0 lb

## BoVantage Feeding Chart

Expected Intake, lb	BoVantage lb/head	BoVantage oz/head
5	0.08	1.2
10	0.15	2.4
15	0.20	3.2
20	0.25	4.0
25	0.30	4.8
30	0.35	5.6
35	0.45	7.2
40	0.50	8.0
45	0.55	8.8
50	0.65	10.4

(Lactating dairy cows and dry cows, see BoVantage Dairy Pak, #8077)

**BEEF (M 8111)**



**BOVANTAGE®**

For beef and dairy beef cattle.

## GUARANTEED ANALYSIS

Crude Protein, min.....	8%
Crude Fat, min .....	2.5%
Crude Fiber, max .....	14.0%
Calcium, min .....	2.5%
Calcium, max.....	3.5%
Copper, min.....	110 ppm
Manganese, min .....	200 ppm
Selenium, min.....	1.5 ppm
Zinc, min .....	320 ppm
Vitamin E, min.....	540 IU/lb

**4**

## INGREDIENTS

Processed Grain By-Products, Calcium Carbonate, Vegetable Oil, Copper Amino Acid Complex, Manganese Amino Acid Complex, Zinc Amino Acid Complex, Cobalt Glucoheptonate, Vitamin E Supplement, Thiamine Mononitrate, Reed-Sedge Peat, Hydrolyzed Yeast, Calcium Iodate, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Selenium Yeast.

Manufactured by

**KENT NUTRITION GROUP, INC.**

Headquarters in Muscatine, IA 52761

# BEEF COW CO-PRODUCT BALANCER MEAL

## PRODUCT DESCRIPTION

A highly fortified vitamin and mineral balancer designed to meet the nutritional requirements of beef cows fed diets utilizing co-products from the corn processing industry.

## FEATURES AND BENEFITS

**Guaranteed calcium** levels required to balance cow diets already high in phosphorus and potassium.

**Vitamin and trace mineral** levels reflect the concentrations of Framework® 365 Mineral ADE when fed at recommended levels.

**Added thiamine** to reduce the risk of deficiency and health-related incidences, such as polio, which may occur in diets containing co-products.

## FEEDING DIRECTIONS

Feed at the rate of 0.5 lb per head per day to beef cows mixed with co-products and on farm grains and roughage.

**CAUTION:** Do not feed to sheep



## BEEF COW CO-PRODUCT BALANCER MEAL

A vitamin and mineral supplement for beef cows.

### GUARANTEED ANALYSIS

Calcium (Ca), min .....	26.0%
Calcium (Ca), max .....	31.0%
Salt (NaCl), min .....	12.1%
Salt (NaCl), max .....	14.5%
Vitamin A, min .....	190,000 IU/lb
Vitamin D3, min .....	19,000 IU/lb
Vitamin E, min .....	285 IU/lb

2

### INGREDIENTS

Calcium Carbonate, Salt, Magnesium Oxide, Potassium Chloride, Vegetable Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Manganese Sulfate, Zinc Sulfate, Thiamine Mononitrate, Sodium Selenite.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# BEEF COW CO-PRODUCT BALANCER MINERAL

## PRODUCT DESCRIPTION

A highly fortified free-choice mineral specifically designed for beef cows being fed co-products from the corn processing industry.

## FEATURES AND BENEFITS

**Guaranteed calcium** levels required to balance cow diets already high in phosphorus and potassium.

**Guaranteed vitamin and trace mineral levels** reflect that of Framework® 365 Mineral ADE.

**Added thiamine** to reduce the risk of deficiency and health related incidences, such as polio, which may occur in diets containing co-products.

## FEEDING DIRECTIONS

Feed to beef cows in a dry, clean bunk or mineral feeder. Approximate daily consumption will be 3 - 4 oz per head per day. The amount consumed will vary depending on the quality, type and quantity of feed-stuffs available.

**CAUTION:** Do not feed to sheep.



## BEEF COW CO-PRODUCT BALANCER MINERAL

A vitamin and mineral supplement for beef cows.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	22.7%
Calcium (Ca), max.....	27.2%
Phosphorus (P), min .....	0.05%
Salt (NaCl), min .....	13.5%
Salt (NaCl), max .....	16.2%
Magnesium (Mg), min.....	1.0%
Potassium (K), min .....	0.15%
Copper (Cu), min .....	1,450 ppm
Manganese (Mn), min .....	4,950 ppm
Selenium (Se), min .....	26.4 ppm
Zinc (Zn), min .....	4,750 ppm
Vitamin A, min .....	380,000 IU/lb
Vitamin D3, min .....	100,000 IU/lb
Vitamin E, min.....	375 IU/lb

3

### INGREDIENTS

Calcium Carbonate, Salt, Processed Grain By-Products, Cane Molasses, Dried Brewers Yeast, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Stearate, Iron Oxide, Calcium Iodate, Magnesium Oxide, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Zinc Sulfate, Thiamine Mononitrate, Sodium Selenite, Natural & Artificial Flavors, Saccharin Sodium, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

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# BEEF COW CO-PRODUCT BALANCER PELLET

## PRODUCT DESCRIPTION

A highly fortified vitamin and mineral balancer designed to meet the nutritional requirements of beef cows fed diets utilizing co-products of the corn processing industry.

## FEATURES AND BENEFITS

**Guaranteed calcium** levels required to balance cow diets already high in phosphorus and potassium.

**Vitamin and trace mineral** levels reflect the concentrations of Framework® 365 Mineral ADE when fed at recommended levels.

**Added thiamine** to reduce the risk of deficiency and health related incidences, such as polio, which may occur in diets containing co-products.

## FEEDING DIRECTIONS

Feed 0.75 lb per head per day to beef cows.

**CAUTION:** Do not feed to sheep.



## BEEF COW CO-PRODUCT BALANCER PELLET

A vitamin and mineral supplement for beef cows.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	14.0%
Calcium (Ca), max.....	16.8%
Salt (NaCl), min.....	6.1%
Salt (NaCl), max.....	7.3%
Magnesium (Mg), min.....	0.2%
Vitamin A, min.....	128,250 IU/lb
Vitamin D3, min.....	12,825 IU/lb
Vitamin E, min.....	128 IU/lb

2

### INGREDIENTS

Processed Grain By-Products, Calcium Carbonate, Salt, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Thiamine Mononitrate, Sodium Selenite.

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HEADQUARTERS IN MUSCATINE, IA 52761

# 12:12:12 MINERAL

## PRODUCT DESCRIPTION

A mineral for beef cattle and calves on pasture.

## FEATURES AND BENEFITS

**Monocalcium and dicalcium phosphate** are two readily available sources of phosphorus for livestock. **Sodium selenite** to provide a nutritional source of selenium.

**High vitamin fortification** is vitally important to the overall health and reproductive performance of all animals.

**Rain-Cote®** minerals with improved water resistance stay free-flowing and palatable even on the wettest days.

## FEEDING DIRECTIONS

Free-choice in a dry, clean bunk or mineral feeder. The amount consumed will vary depending on the quality, type and quantity of feedstuffs available.

Cattle should consume 2 - 4 ounces per head per day.

Each ounce provides 25,000 IU of Vitamin A; 6,250 IU of Vitamin D<sub>3</sub>; and 12.5 IU of Vitamin E.

**CAUTION:** Do not feed to sheep.

**Check with your KNG plant for availability.**



## 12:12:12 MINERAL

For beef cattle and calves on pasture.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	11.0%
Calcium (Ca), max.....	13.2%
Phosphorus (P), min. ....	12.0%
Salt (NaCl), min.....	11.0%
Salt (NaCl), max. ....	13.2%
Magnesium (Mg), min.....	0.5%
Copper (Cu), min.....	1,100 ppm
Manganese (Mn), min.....	1,300 ppm
Selenium (Se), min. ....	28 ppm
Zinc (Zn), min.....	1,700 ppm
Vitamin A, min. ....	400,000 IU/lb
Vitamin D3, min. ....	100,000 IU/lb
Vitamin E, min.....	200 IU/lb

7

### INGREDIENTS

Monocalcium Phosphate, Dicalcium Phosphate, Salt, Calcium Carbonate, Cane Molasses, Processed Grain By-Products, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Animal Fat, Calcium Stearate, Anise Oil, Calcium Iodate, Magnesium Oxide, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Zinc Sulfate, Zinc Oxide, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# DOWN HOME® 2:1 MINERAL

## PRODUCT DESCRIPTION

A mineral for beef cattle on pasture or in the feedlot.

## FEATURES AND BENEFITS

**No animal protein** sources are used in formulation of this mineral to meet the qualifications of an all-natural feeding program.

**Monocalcium and dicalcium phosphate** are the most available sources of phosphorus in animal feeds.

**Vitamin A** for healthy tissue.

**Vitamin D** aids in mineral utilization.

**Vitamin E** is important to the reproductive performance of animals.

**Sodium selenite and selenium yeast** provide nutritional sources of selenium.

## FEEDING DIRECTIONS

Free-choice Down Home 2:1 Mineral in a dry, clean bunk or mineral feeder. Approximate daily consumption will be 1 to 3 oz. per head depending on the quality, type and quantity of feedstuffs available.

**CAUTION:** Do not feed to sheep



## DOWN HOME® 2:1 MINERAL

For beef cattle on pasture or in the feedlot.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	14.6%
Calcium (Ca), max.....	17.5%
Phosphorus (P), min. ....	8.0%
Salt (NaCl), min. ....	16.6%
Salt (NaCl), max. ....	19.9%
Magnesium (Mg), min.....	1.0%
Potassium (K), min. ....	0.4%
Copper (Cu), min .....	1,100 ppm
Manganese (Mn), min .....	1,300 ppm
Selenium (Se), min .....	28 ppm
Zinc (Zn), min .....	1,700 ppm
Vitamin A, min .....	418,000 IU/lb
Vitamin D3, min. ....	97,000 IU/lb
Vitamin E, min.....	285 IU/lb

3

### INGREDIENTS

Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Salt, Processed Grain By-Products, Calcium Stearate, Cane Molasses, Vegetable Oil, Anise Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Copper Amino Acid Complex, Manganese Amino Acid Complex, Zinc Amino Acid Complex, Cobalt Glucoheptonate, Potassium Sulfate, Magnesium Sulfate, Magnesium Oxide, Calcium Iodate, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Selenium Yeast.

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HEADQUARTERS IN MUSCATINE, IA 52761



# DOWN HOME® 36 AN

## PRODUCT DESCRIPTION

A highly fortified supplement designed to meet the nutritional requirements for growing and finishing cattle in an All-Natural Beef Feeding Program.

## FEATURES AND BENEFITS

**No animal protein** sources are used in formulation of this supplement to meet the qualifications of an all natural feeding program.

**No non-protein nitrogen** (urea) used in formulation to meet the needs of an All-Natural Feeding Program which can not utilize urea.

**This supplement can be fed through the entire feeding program.**

**Guaranteed minerals** are added to the supplement to ensure the requirements of the animal are met.

**The addition of zinc** to the ration has been found to increase performance.

**Cobalt** is important for proper bacterial growth in ruminants.

**Vitamin A** aids in reducing respiratory problems.

**Vitamin D** is necessary for proper assimilation and use of calcium and phosphorus.

**Vitamin E** is important for maintaining the animal's immune system.

## FEEDING DIRECTIONS

Feed Kent Down Home 36 AN from 0.5 to 2.0 lb per head per day depending on amount and quality of roughage and grain fed and the size of the cattle.

**CAUTION:** Feed to ruminants only.



## DOWN HOME® 36 AN

A beef cattle supplement for mixing steer and heifer rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	36.0%
Crude Fat, min.....	1.0%
Crude Fiber, max.....	14.0%
Calcium (Ca), min.....	4.5%
Calcium (Ca), max.....	5.5%
Phosphorus (P), min.....	1.0%
Salt (NaCl), min.....	2.1%
Salt (NaCl), max.....	2.6%
Potassium (K), min.....	1.0%
Vitamin A, min.....	44,000 IU/lb
Vitamin D3, min.....	4,400 IU/lb
Vitamin E, min.....	44 IU/lb

1

### INGREDIENTS

Soybean Meal, Sunflower Meal, Processed Grain By-Products, Cane Molasses, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Sulfate, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# DOWN HOME<sup>®</sup> CO-PRODUCT BALANCER

## PRODUCT DESCRIPTION

A highly fortified vitamin and mineral supplement designed to meet the nutritional requirements for finishing cattle in an All-Natural Beef Feeding Program.

## FEATURES AND BENEFITS

**No animal protein** sources are used in formulation of this supplement to meet the qualifications of an all natural feeding program.

**Designed to be fed in conjunction with by-products of ethanol production.**

**Guaranteed minerals** are added to ensure the requirements of the animal are met.

**Vitamin A** aids in reducing respiratory problems.

**Vitamin D** is necessary for proper assimilation and use of calcium and phosphorus.

**Vitamin E** is important for maintaining the animal's immune system.

## FEEDING DIRECTIONS

Feed 0.5 to 1.0 lb per head per day to finishing cattle.



## DOWN HOME<sup>®</sup> CO-PRODUCT BALANCER

A vitamin and mineral supplement for beef cattle  
fed in the feedlot.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	14.0%
Calcium (Ca), max.....	16.8%
Salt (NaCl), min.....	6.5%
Salt (NaCl), max.....	7.8%
Magnesium (Mg), min.....	0.2%
Vitamin A, min.....	126,500 IU/lb
Vitamin D3, min.....	12,600 IU/lb
Vitamin E, min.....	126 IU/lb

2

### INGREDIENTS

Wheat Middlings, Calcium Carbonate, Salt, Vegetable Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Thiamine Mononitrate, Sodium Selenite.

MANUFACTURED BY  
**KENT NUTRITION GROUP, INC.**  
HEADQUARTERS IN MUSCATINE, IA 52761

# DOWN HOME<sup>®</sup> FINISHER SUPPLEMENT

## PRODUCT DESCRIPTION

A highly fortified supplement designed to meet the nutritional requirements for finishing cattle in an All-Natural Beef Feeding Program.

## FEATURES AND BENEFITS

**No animal protein** sources are used in formulation of this supplement to meet the qualifications of an all-natural feeding program.

**Guaranteed minerals** are added to the supplement to ensure the requirements of the animal are met.

**The addition of zinc** to the ration has been found to increase performance.

**Cobalt** is important for proper bacterial growth in ruminants.

**Vitamin A** aids in reducing respiratory problems.

**Vitamin D** is necessary for proper assimilation and use of calcium and phosphorus.

**Vitamin E** is important for maintaining the animal's immune system.

## FEEDING DIRECTIONS

Feed Kent Down Home Finisher Supplement at the rate of 0.5 to 1.8 pounds per head per day depending upon quantity and quality of the grain and roughage being fed.



## DOWN HOME<sup>®</sup> FINISHER SUPPLEMENT

A beef cattle supplement for mixing steer and heifer feedlot rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	50.0%
This includes not more than 20.0% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min .....	0.8%
Crude Fiber, max .....	9.5%
Calcium (Ca), min.....	6.6%
Calcium (Ca), max.....	7.9%
Phosphorus (P), min .....	0.5%
Salt (NaCl), min.....	2.5%
Salt (NaCl), max.....	3.5%
Potassium (K), min.....	1.3%
Vitamin A, min.....	42,000 IU/lb
Vitamin D3, min.....	4,200 IU/lb
Vitamin E, min.....	42 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

1

### INGREDIENTS

Soybean Meal, Sunflower Meal, Processed Grain By-Products, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Urea, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Sulfate, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# DOWN HOME<sup>®</sup> GROWER SUPPLEMENT

## PRODUCT DESCRIPTION

A highly fortified supplement designed to meet the nutritional requirements for growing cattle in an All-Natural Beef Feeding Program.

## FEATURES AND BENEFITS

**No animal protein** sources are used in formulation of this supplement to meet the qualifications of an all natural feeding program.

**Guaranteed minerals** are added to the supplement to ensure that the requirements of the animal are met.

**The addition of zinc** to the ration has been found to increase performance.

**Cobalt** is important for proper bacterial growth in ruminants.

**Vitamin A** aids in reducing respiratory problems.

**Vitamin D** is necessary for proper assimilation and use of calcium and phosphorus.

**Vitamin E** is important for maintaining the animal's immune system.

## FEEDING DIRECTIONS

Feed Kent Down Home Grower Supplement from 0.5 to 1.3 lb per head per day depending on amount and quality of roughage and grain fed and size of cattle.



## DOWN HOME<sup>®</sup> GROWER SUPPLEMENT

A beef cattle supplement for mixing steer, heifer, cow and bull rations.

### GUARANTEED ANALYSIS

Crude Protein, min.....	38.0%
This includes not more than 7.0% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min.....	1.0%
Crude Fiber, max.....	9.0%
Calcium (Ca), min.....	4.5%
Calcium (Ca), max.....	5.5%
Phosphorus (P), min.....	1.0%
Salt (NaCl), min.....	2.0%
Salt (NaCl), max.....	2.5%
Potassium (K), min.....	1.0%
Cobalt (Co), min.....	3 ppm
Zinc (Zn), min.....	950 ppm
Vitamin A, min.....	44,000 IU/lb
Vitamin D3, min.....	4,400 IU/lb
Vitamin E, min.....	44 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

1

### INGREDIENTS

Soybean Meal, Sunflower Meal, Processed Grain By-Products, Cane Molasses, Urea, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Sulfate, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite.

MANUFACTURED BY

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HEADQUARTERS IN MUSCATINE, IA 52761

# DOWN HOME® HI MAG 2:1 MINERAL

## PRODUCT DESCRIPTION

A mineral for beef cattle grazing low-magnesium pastures. Helps prevent grass tetany in ruminant animals, particularly brood cows, grazing any lush growth of grass throughout the year.

## FEATURES AND BENEFITS

**No animal protein sources** are used in formulation of this mineral, to meet the qualifications of an all-natural feeding program.

**Contains a high level of magnesium** (12%) to help prevent the occurrence of grass tetany, believed to be caused by a lack of magnesium at the tissue level.

**Builds up the magnesium level** in livestock tissues because the condition (grass tetany) is not actually a nutritional deficiency because there is adequate magnesium in the forages. However, lush grass contains high levels of various nitrogenous compounds that are believed to tie up the magnesium present.

**Calcium and phosphorus** are often deficient in pastures. This product supplies enough so livestock reserves are not depleted.

**Vitamin A** for healthy tissue.

**Vitamin D** aids in mineral utilization.

**Vitamin E** is important to the reproductive performance of animals.

**Sodium selenite and selenium yeast** provide nutritional sources of selenium.

## FEEDING DIRECTIONS

Feed Down Home Hi Mag 2:1 Mineral free choice to beef cattle on pasture in covered mineral feeders. Locate feeders near water. Do not feed any other source of salt. Animals should consume approximately up to 1/4 pound of Down Home Hi Mag 2:1 Mineral per head per day.

Feed Down Home Hi Mag 2:1 Mineral on wheat pasture, during early spring or on regular pastures at times when magnesium may be deficient. In early spring, Down Home Hi Mag 2:1 Mineral should be fed 3 to 4 weeks prior to time when cattle are first turned out on lush pasture.

**CAUTION:** Do not feed to sheep



## DOWN HOME® HI MAG 2:1 MINERAL

For beef cattle grazing low-magnesium pastures.

### GUARANTEED ANALYSIS

Calcium (Ca), min.....	11.8%
Calcium (Ca), max.....	14.1%
Phosphorus (P), min.....	6.0%
Salt (NaCl), min.....	16.6%
Salt (NaCl), max.....	19.9%
Magnesium (Mg), min.....	12.0%
Potassium (K), min.....	0.4%
Copper (Cu), min.....	1,100 ppm
Manganese (Mn), min.....	1,300 ppm
Selenium (Se), min.....	28 ppm
Zinc (Zn), min.....	1,700 ppm
Vitamin A, min.....	418,000 IU/lb
Vitamin D3, min.....	97,000 IU/lb
Vitamin E, min.....	285 IU/lb

3

### INGREDIENTS

Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Cane Molasses, Salt, Processed Grain By-Products, Calcium Stearate, Vegetable Oil, Anise Oil, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Magnesium Oxide, Potassium Sulfate, Magnesium Sulfate, Copper Amino Acid Complex, Manganese Amino Acid Complex, Zinc Amino Acid Complex, Cobalt Glucoheptonate, Calcium Iodate, Manganese Sulfate, Zinc Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Sodium Selenite, Selenium Yeast.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**  
HEADQUARTERS IN MUSCATINE, IA 52761

# LIQUID LIQ-N-GAIN® 32

## PRODUCT DESCRIPTION

32% liquid supplement containing natural protein to be fed free-choice in lick tanks or mixed in rations.

## FEATURES AND BENEFITS

**Condensed fermented corn extractives and distillers solubles** are loaded with vitamins and growth factors. Up to 1/4 lb additional daily gain has been obtained with the addition of corn distillers solubles and condensed fermented corn extractives in research conducted by Kent Nutrition Group.

**Natural protein** is beneficial in calf rations, starting cattle under stress and cattle on low-energy diets.

**Versatile** so that it can be mixed in the ration, top-dressed, or self-fed in a lick tank for growing and finishing beef cattle, growing and lactating dairy cattle and all stages of beef cow production.

**Guaranteed phosphorus level** to help urea utilization and necessary for optimum rate of gain and feed efficiency. Essential for bone development and reproductive efficiency.

**Guaranteed Vitamins A, D, and E** levels for disease resistance, health improvement, better mineral assimilation and reproductive efficiency.

**Ammonium sulfate** to help improve efficiency of urea utilization.

**Balanced for other trace minerals** to help support overall herd health.

**Contains cane molasses** to make ration more palatable and aids in urea utilization.

## FEEDING DIRECTIONS

Feed Kent Liq-N-Gain 32 Liquid at 0.5 to 1.5 pounds per head per day depending on size of cattle and type of feed-stuffs being fed. Feed with Kent Compliment or Feedlot Mineral when fed in finishing diets. When fed in lick tanks in pasture, offer Kent Framework 365 Mineral ADE free choice. For free choice feeding in lick wheel feeders, the following precautions must be observed. Cattle should be well fed and watered before free-choice feeding of liquid feeds. Starved animals should not have access to this supplement. Do not offer to cattle on overgrazed pastures as adequate roughage and/or grain should be available at all times. Locate feeder away from water and where cattle congregate. One wheel should be available for each 25 head. If cattle consume more than 3 lb per head per daily then reduce wheel numbers, and/or replace feeder. If the feeder is allowed to run out reintroduce the animals to the supplement slowly. Provide unlimited drinking water and Kent pasture mineral free choice. Do not feed to horses. Do not free choice in open tanks or troughs to any livestock.

**NOTE** It is recommended that liquid supplements be recirculated periodically to prevent layering and settling of ingredients. It is also good management to annually wash out all liquid supplement storage tanks and lick tanks.



## LIQ-N-GAIN® 32 BULK LIQUID

For cattle fed on pasture or feedlot cattle.

### GUARANTEED ANALYSIS

Crude Protein, min.....	32.0%
This includes not more than 31.5% equivalent crude protein from non-protein nitrogen.	
Phosphorus (P), min.....	0.8%
Salt (NaCl), min.....	1.6%
Salt (NaCl), max.....	2.1%
Potassium (K), min.....	2.5%
Vitamin A, min.....	38,000 IU/lb
Vitamin D3, min.....	10,000 IU/lb
Vitamin E, min.....	20 IU/lb
Moisture, max.....	40.0%
Total Sugars, Invert, min.....	18.0%

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

15

### INGREDIENTS

Cane Molasses, Condensed Corn Fermentation Solubles, Urea, Phosphoric Acid, Ammonium Sulfate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Zinc Sulfate, Potassium Chloride, Salt, Sodium Selenite.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# LIQUID LIQ-N-GAIN® 44

## PRODUCT DESCRIPTION

44% liquid supplement containing natural protein to be fed free-choice in lick tanks or mixed in rations.

## FEATURES AND BENEFITS

**Condensed fermented corn extractives and distillers solubles** are loaded with vitamins and growth factors. Up to 1/4 lb additional daily gain has been obtained with the addition of corn distillers solubles and condensed fermented corn extractives in research conducted by Kent Nutrition Group.

**Natural protein** is beneficial in calf rations, starting cattle under stress and cattle on low-energy diets.

**Versatile** so that it can be mixed in the ration, top-dressed, or self-fed in a lick tank for growing and finishing beef cattle, growing and lactating dairy cattle and all stages of beef cow production.

**Guaranteed phosphorus level** to help urea utilization and necessary for optimum rate of gain and feed efficiency. Essential for bone development and reproductive efficiency.

**Guaranteed Vitamins A, D, and E** levels for disease resistance, health improvement, better mineral assimilation and reproductive efficiency.

**Ammonium sulfate** to help improve efficiency of urea utilization.

**Balanced for other trace minerals** to help support overall herd health.

**Contains cane molasses** to make ration more palatable and aids in urea utilization.

## FEEDING DIRECTIONS

Feed Kent Liq-N-Gain 44 Liquid at 0.5 to 1.5 pounds per head per day depending on size of cattle and type of feed-stuffs being fed. Feed with Kent Compliment or Feedlot Mineral when fed in finishing diets. When fed in lick tanks in pasture, offer Kent Framework 365 Mineral ADE free choice. For free choice feeding in lick wheel feeders, the following precautions must be observed. Cattle should be well fed and watered before free-choice feeding of liquid feeds. Starved animals should not have access to this supplement. Do not offer to cattle on overgrazed pastures as adequate roughage and/or grain should be available at all times. Locate feeder away from water and where cattle congregate. One wheel should be available for each 25 head. If cattle consume more than 3 lb per head per daily then reduce wheel numbers, and/or replace feeder. If the feeder is allowed to run out reintroduce the animals to the supplement slowly. Provide unlimited drinking water and Kent pasture mineral free choice. Do not feed to horses. Do not free choice in open tanks or troughs to any livestock. Maintain lick tanks in good working condition – clean as needed. Contact your local KNG representative for further details.

**NOTE:** It is recommended that liquid supplements be recirculated periodically to prevent layering and settling of ingredients. It is also good management to annually wash out all liquid supplement storage tanks and lick tanks.



## LIQ-N-GAIN® 44 BULK LIQUID

For cattle on pasture or feedlot cattle.

## GUARANTEED ANALYSIS

Crude Protein, min. ....	44.0%
This includes not more than 43.5% equivalent crude protein from non-protein nitrogen.	
Phosphorus (P), min. ....	0.8%
Salt (NaCl), min. ....	1.6%
Salt (NaCl), max. ....	2.1%
Potassium (K), min. ....	2.5%
Vitamin A, min. ....	38,000 IU/lb
Vitamin D3, min. ....	10,000 IU/lb
Vitamin E, min. ....	20 IU/lb
Moisture, max. ....	40.0%
Total Sugars, Invert, min. ....	14.0%

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

14

## INGREDIENTS

Cane Molasses, Condensed Corn Fermentation Solubles, Urea, Ammonium Sulfate, Phosphoric Acid, Salt, Potassium Chloride, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Cobalt Carbonate, Zinc Sulfate, Sodium Selenite.

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# LIQUID GLUTEN BALANCER

## PRODUCT DESCRIPTION

A high-calcium liquid supplement designed for finishing beef cattle.

## FEATURES AND BENEFITS

**High calcium level** to balance diets already high in phosphorus and potassium.

**Cane molasses** makes ration more palatable and extra energy aids in urea utilization.

**Guaranteed vitamins** for disease resistance, health improvement, better mineral assimilation.

**Guaranteed phosphorus level** helps urea utilization and is necessary for optimum rate of gain and feed efficiency. Essential for bone development.

## FEEDING DIRECTIONS

Feed from 0.5 - 1.5 pounds per head per day depending on size of the cattle and type of feedstuffs being fed. Mix with grain by-product and roughage and feed free choice.

For optimum performance agitation or recirculation, Liquid Gluten Balancer is recommended before use.

**NOTE:** It is recommended liquid supplements be recirculated periodically to prevent layering and settling of ingredients. It is also good management to annually wash out all liquid supplement storage tanks and lick tanks.

**Check with your local plant for availability.**



## LIQUID GLUTEN BALANCER

For beef cattle fed high-energy diets in the feedlot.

### GUARANTEED ANALYSIS

Crude Protein, min.....	10.5%
This includes not more than 9.0% equivalent crude protein from non-protein nitrogen.	
Calcium (Ca), min.....	9.5%
Calcium (Ca), max.....	11.4%
Phosphorus (P), min.....	0.5%
Salt (NaCl), min.....	2.2%
Salt (NaCl), max.....	2.7%
Potassium (K), min.....	1.6%
Vitamin A, min.....	40,000 IU/lb
Dry Matter, min.....	68.0%

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

6

### INGREDIENTS

Cane Molasses, Ammonium Polyphosphate, Urea, Ammonium Sulfate, Condensed Corn Distillers Solubles, Calcium Carbonate, Attapulgite Clay, Tetrasodium Pyrophosphate, Water, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Thiamin Mononitrate, Potassium Iodide, Salt, Manganese Sulfate, Potassium Chloride, Ferrous Sulfate, Copper Sulfate, Cobalt Sulfate, Zinc Sulfate, Magnesium Sulfate, Sodium Selenite.

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# LIQUID UNI-MIXER™ LIQUID UNI-MIXER™ PLUS

## PRODUCT DESCRIPTION

Molasses-based products which add a positive difference in appearance, aroma, and shelf life to texturized feeds. Liquid Uni-Mixer Plus contains 5% added fat from vegetable oil.

## FEATURES AND BENEFITS

**Improved palatability of the diet** by adding to grind-and-mix rations. Also encourages feed intake.

**Locked-in formula** ensures your feeds will look and smell the same from batch to batch.

**Adjusted for seasonal changes** to help maintain mixability, flowability, and shelf life.

**Special formula** reduces feed balling and caking and limits build up on equipment.

**Mold and yeast inhibitors** are added to control a wide spectrum of spoilage causing organisms.

**Caramel and anise flavors** are added to provide a pleasant aroma with maximum palatability.

**Wetting action** helps to minimize feed dust.

**Guaranteed levels of vitamins A, D, and E** to improve immune response and overall animal health.

**Added benefits of Liquid Uni-Mixer Plus** – 5% added fat coats grain particles allowing feed to stay wetter longer. Fat provides extra energy, bloom, and hair coat shine.

## FEEDING DIRECTIONS

Mix 50 - 200 lb per ton of complete feed in beef, swine, horse, or sheep rations.

**NOTE:** It is recommended liquid supplements be recirculated periodically to prevent layering and settling of ingredients. It is also good management to annually wash out all liquid supplement storage tanks and lick tanks.



## UNI-MIXER™ BULK LIQUID

To be mixed in rations fed to beef cattle, sheep, swine, and horses.

### GUARANTEED ANALYSIS

Crude Protein, min.....	3.0%
Crude Fat, min.....	3.0%
Vitamin A, min.....	10,000 IU/lb
Vitamin D3, min.....	2,500 IU/lb
Vitamin E, min.....	5 IU/lb
Moisture, max.....	38.0%
Total Sugars, invert, min.....	32.0%

10

### INGREDIENTS

Cane Molasses, Condensed Corn Fermentation Solubles, Water, Potassium Chloride, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Natural & Artificial Flavors, Propionic Acid, Sorbic Acid, Benzoic Acid (chemical preservatives).

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## UNI-MIXER™ PLUS BULK LIQUID

To be mixed in rations fed to beef cattle, sheep, swine, and horses.

### GUARANTEED ANALYSIS

Crude Protein, min.....	3.0%
Crude Fat, min.....	5.0%
Potassium (K), min.....	3.0%
Vitamin A, min.....	10,000 IU/lb
Vitamin D3, min.....	2,500 IU/lb
Vitamin E, min.....	5 IU/lb
Moisture, max.....	34.0%
Total Sugars, Invert, min.....	32.0%

3

### INGREDIENTS

Cane Molasses, Vegetable Fat, Condensed Corn Fermentation Solubles, Water, Potassium Chloride, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Natural and Artificial Flavors, Propionic Acid, Sorbic Acid, Benzoic Acid (chemical preservatives).

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# RUMA-LIQ™ 34

## PRODUCT DESCRIPTION

Economical supplement designed for use in lick tanks or mixed in growing and finishing feedlot rations. Contains high levels of cane molasses making it excellent for feedlot cattle because the ration is more palatable and encourages increased feed and water intake.

## FEATURES AND BENEFITS

**Vitamins A, D, and E** aid in disease resistance, health improvement, better mineral assimilation and reproductive efficiency.

**Ammonium sulfate** helps improve efficiency of urea utilization.

**Cane molasses** helps make rations more palatable and may aid in urea utilization.

## FEEDING DIRECTIONS

Feed Kent Ruma-Liq 34 at the rate of 1.0 to 3.0 pounds per head per day depending on size of cattle and type of feedstuffs being fed.

When fed to pasture cattle or growing calves, provide Kent Framework 365 ADE Mineral.

When fed to finishing cattle, provide Kent Feedlot Mineral.

For free-choice feeding in lick wheel feeders, the following precautions must be observed.

- Cattle should be well fed and watered before free-choice feeding of liquid feeds. Starved animals should not have access to this supplement. Do not offer to cattle on overgrazed pastures as adequate roughage and/or grain should be available at all times.
- Locate feeder away from water and where cattle congregate. One wheel should be available for each 25 head.
- If cattle consume more than 3 lb per head per day, reduce wheel numbers and/or relocate feeder. If the feeder is allowed to run out, reintroduce the animals to the supplement slowly.
- Provide unlimited drinking water and Kent mineral free choice.
- Do not free-choice to horses.
- Do not free-choice in open tanks or troughs to any livestock.

**NOTE:** Liquid supplements should be recirculated periodically to prevent layering and settling of ingredients. It's also good management to wash out all liquid supplement storage tanks and lick tanks annually.



## RUMA-LIQ™ 34

A supplement for beef cattle fed on pasture or in the feedlot.

### GUARANTEED ANALYSIS

Crude Protein, min.....	34.0%
This includes not more than 28.5% equivalent crude protein from non-protein nitrogen.	
Phosphorus (P), min.....	0.25%
Salt (NaCl), min.....	2.1%
Salt (NaCl), max.....	2.6%
Potassium (K), min.....	2.2%
Sulfur (S), min.....	0.5%
Vitamin A, min.....	31,000 IU/lb
Vitamin D3, min.....	8,000 IU/lb
Vitamin E, min.....	16 IU/lb
Moisture, max.....	40.0%
Total Sugars, Invert, min.....	22.0%

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

1

### INGREDIENTS

Cane Molasses, Urea, Condensed Corn Fermentation Solubles, Water, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Salt, Ammonium Sulfate, Potassium Iodide, Manganese Sulfate, Potassium Chloride, Ferrous Sulfate, Copper Sulfate, Cobalt Sulfate, Zinc Sulfate, Magnesium Sulfate, Sodium Selenite, Phosphoric Acid.

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# RUMINANT HOLDING RATION

## PRODUCT DESCRIPTION

A complete beef feed designed to maintain cattle being held for sale.

## FEATURES AND BENEFITS

**Easy and economical means** of feeding a maintenance ration to cattle being held for sale.

**Complete and balanced diet** helps to maintain body condition and promotes a healthy animal.

**High fiber level** so no roughage needs to be fed.

## FEEDING DIRECTIONS

Feed as the sole ration to beef cattle.



## RUMINANT HOLDING RATION

A complete feed for beef cattle in the feedlot.

### GUARANTEED ANALYSIS

Crude Protein, min.....	10.0%
Crude Fat, min. ....	1.5%
Crude Fiber, max. ....	21.0%
Calcium (Ca), min.....	1.2%
Calcium (Ca), max.....	1.7%
Phosphorus (P), min. ....	0.3%
Vitamin A, min. ....	5,500 IU/lb

7

### INGREDIENTS

Processed Grain By-Products, Roughage Products, Grain Products, Plant Protein Products, Calcium Carbonate, Cane Molasses, Vitamin A Acetate.

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# COMPLEMENT PELLETS™ 1200R

## PRODUCT DESCRIPTION

A dry supplement that serves as a calcium source and carrier for drugs when feeding liquid or dry supplements.

## FEATURES AND BENEFITS

**Contains calcium, salt and additives** designed to be fed with Kent liquids because many cattle liquid supplements do not contain added calcium. Some additives are difficult to handle in liquids or are not cleared by FDA for liquid supplements.

**Offers flexibility** by using this as a carrier for additives and antibiotics which have a withdrawal period, it can be removed from the ration prior to slaughter and continue feeding supplement.

**Guaranteed mineral levels** which are important for animal health and efficient nutrient utilization.

## MIXING DIRECTIONS

Mixing instructions below are based on Complement 1200R as the only source of Rumensin:®

Grain fed/ head/day, lb	Complement 1200R/ton of grain mix, lb*	Rumensin/ton of grain mix, gm	Rumensin/head/ day, mg
4 lb	105	75	150
	139	100	200
	174	125	250
	209	150	300
6 lb	70	50	150
	93	67	200
	116	83	250
	139	100	300
8 lb	52	38	150
	70	50	200
	87	62	250
	105	75	300



## COMPLEMENT PELLETS™ 1200R MEDICATED

A beef cattle supplement for mixing steer and heifer feedlot rations.

For improved feed efficiency in beef cattle fed in confinement for slaughter (5-40 g/ton - 50-480 mg/hd/day).

### ACTIVE DRUG INGREDIENT

Monensin (as Monensin Sodium).....1200 g/ton

### GUARANTEED ANALYSIS

Crude Protein, min.....8.0%  
Crude Fat, min. ....0.5%  
Crude Fiber, max. ....12.0%  
Calcium (Ca), min.....13.0%  
Calcium (Ca), max.....15.6%  
Phosphorus (P), min. ....0.1%  
Salt (NaCl), min.....3.5%  
Salt (NaCl), max. ....4.5%  
Potassium (K), min.....0.5%

**15**

### INGREDIENTS

Grain Products, Processed Grain By-Products, Soybean Meal, Sunflower Meal, Dehydrated Alfalfa Meal, Cane Molasses, Roughage Products, Calcium Carbonate, Salt, Animal Fat, Ethoxyquin and BHT (preservatives), Sodium Selenite.

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*continued*

Grain fed/ head/day, lb	Complement 1200R/ton of grain mix, lb*	Rumensin®/ton of grain mix, gm	Rumensin®/head/ day, mg
10 lb	42	30	150
	56	40	200
	70	50	250
	84	60	300
12 lb	35	25	150
	47	33	200
	58	42	250
	70	50	300
14 lb	30	21	150
	40	29	200
	50	36	250
	60	43	300
16 lb	35	25	200
	44	31	250
	52	38	300
18 lb	31	22	200
	39	28	250
	47	33	300
	54	39	350
20 lb	28	20	200
	35	25	250
	42	30	300
	49	35	350
22 lb	26	18	200
	32	23	250
	38	27	300
	45	32	350
24 lb	24	17	200
	29	21	250
	35	25	300
	41	29	350

\*Replace an equal amount of grain in the ration with Complement 1200R. DO NOT reduce amount of protein supplement in the ration.

## FEEDING DIRECTIONS

Feed according to recommended levels on the tag.

**CAUTION:** Do not allow horses or other equines access to feed containing Monensin. Ingestion of Monensin by equines has been fatal. Monensin medicated cattle and goat feeds are safe for use in cattle and goats only. Consumption by unapproved species may result in toxic reactions. Feeding undiluted or mixing errors resulting in high concentrations of Monensin has been fatal to cattle and could be fatal to goats. Must be thoroughly mixed in feeds before use. Do not feed undiluted. Do not exceed the levels of Monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing Monensin are fed to other groups of cattle, the concentrations of Monensin in the refusals and the amount of refusals fed should be taken into consideration to prevent Monensin overdosing.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. Withdrawal must be observed according to the directions on the tag. Feed to ruminants only.

Also available with Bovatec® and MGA®

Bovatec is a registered trademark of Alpharma Animal Health  
MGA is a registered trademark of Pfizer Animal Health  
Rumensin is a registered trademark of Elanco Animal Health

# 14% CATTLE CUBE AN

## PRODUCT DESCRIPTION

For beef cattle on pasture.

## FEATURES AND BENEFITS

**All-natural cube** saves on labor and requires no feed bunks.

**Helps provide supplementation** to the brood cow for better reproductive performance.

**Vitamins** are added to prevent calving problems and weak calves.

## FEEDING DIRECTIONS

Brood Cows: Feed at the rate of 1 to 8 lb per head per day to range or dry lot cattle. Free-choice Kent Mineral.

**WARNING:** This feed is to be fed to ruminants only.



## 14% CATTLE CUBE AN

For beef cattle on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	14.0%
Crude Fat, min. ....	2.3%
Crude Fiber, max. ....	18.0%
Calcium (Ca), min.....	1.0%
Calcium (Ca), max.....	1.5%
Phosphorus (P), min. ....	0.6%
Salt (NaCl), min.....	0.5%
Salt (NaCl), max. ....	1.0%
Potassium (K), min.....	0.95%
Magnesium (Mg), min.....	0.3%
Vitamin A, min. ....	12,000 IU/lb
Vitamin D3, min. ....	1,200 IU/lb
Vitamin E, min.....	15 IU/lb

**6**

### INGREDIENTS

Processed Grain By-Products, Plant Protein Products, Roughage Products, Cane Molasses, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761



# 20% BREEDER CUBE AN

## PRODUCT DESCRIPTION

For beef cattle on pasture.

## FEATURES AND BENEFITS

**Highest quality** cattle cube designed to enhance reproduction of the beef brood cow.

**Cube form** allows minimum feed waste when fed on the ground.

**All-natural protein.**

**Low fiber level** guarantees the quality of the ingredients used in formulation of this feed.

**Guaranteed mineral and vitamin levels** aids in optimal beef breeding herd performance. Helps ensure proper development of the unborn calf.

**Vitamins added:** Vitamin A to prevent weak calves and problems calving. Vitamin D is necessary for proper assimilation of minerals such as calcium and phosphorus. Vitamin E helps promote a healthy immune system.

## FEEDING DIRECTIONS

Feed at a rate of 2 to 4 pounds per animal per day depending on the amount and quality of roughage available and the stage of production. Free-choice Kent Mineral.



## 20% BREEDER CUBE AN

For beef cattle on pasture.

## GUARANTEED ANALYSIS

Crude Protein, min.....	20.0%
Crude Fat, min. ....	2.3%
Crude Fiber, max. ....	11.0%
Calcium (Ca), min.....	1.6%
Calcium (Ca), max.....	2.1%
Phosphorus (P), min. ....	0.6%
Salt (NaCl), min.....	1.5%
Salt (NaCl), max. ....	2.0%
Potassium (K), min.....	1.0%
Vitamin A, min. ....	40,000 IU/lb
Vitamin D3, min. ....	4,000 IU/lb
Vitamin E, min.....	20 IU/lb

5

## INGREDIENTS

Grain Products, Plant Protein Products, Processed Grain By-Products, Roughage Products, Cane Molasses, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# 20% CATTLE COMFORT™

## PRODUCT DESCRIPTION

For beef cattle on pasture or in the feedlot.

## FEATURES AND BENEFITS

A high-quality cattle cube designed to enhance reproductive performance of the beef brood cow.

Cube form allows for minimum feed wastage when fed on the ground.

Urea is added at a moderate level 6.8% which takes advantage of the animal's ability to utilize nitrogen and this adds economy to the feed.

## FEEDING DIRECTIONS

This feed should be fed at the rate of 1 to 4 pounds per animal per day with adequate roughage. Free choice Kent mineral.

**WARNING:** Feed to ruminants only.



## 20% CATTLE COMFORT™

For beef cattle on pasture or in the feedlot.

### GUARANTEED ANALYSIS

Crude Protein, min.....	20.0%
This includes not more than 6.8% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min. ....	2.0%
Crude Fiber, max. ....	20.0%
Calcium (Ca), min.....	1.0%
Calcium (Ca), max.....	1.5%
Phosphorus (P), min. ....	0.55%
Salt (NaCl), min.....	2.1%
Salt (NaCl), max. ....	2.6%
Potassium (K), min.....	0.95%
Magnesium (Mg), min.....	0.2%
Vitamin A, min. ....	30,000 IU/lb
Vitamin D3, min. ....	3,000 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

8

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Roughage Products, Urea, Cane Molasses, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Ethoxyquin and BHT (preservatives).

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**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# 20% CATTLE COMFORT™ AN

## PRODUCT DESCRIPTION

For beef cattle on pasture.

## FEATURES AND BENEFITS

**A high-quality cattle cube** designed to enhance reproductive performance of the beef brood cow.

**Cube form** allows for minimum feed wastage when fed on the ground.

**Contains all-natural protein.**

**Vitamin A** to prevent a deficiency that can cause weak calves and problems calving.

**Vitamin D** necessary for proper assimilation and use of calcium and phosphorus. A deficiency may result in weak legs in newborn calves.

## FEEDING DIRECTIONS

This feed should be fed at the rate of 1 to 4 pounds per animal per day with adequate roughage. Free choice Kent mineral.

**WARNING:** Feed to ruminants only.



## 20% CATTLE COMFORT™ AN

For beef cattle on pasture.

## GUARANTEED ANALYSIS

Crude Protein, min.....	20.0%
Crude Fat, min. ....	2.0%
Crude Fiber, max. ....	20.0%
Calcium (Ca), min.....	0.8%
Calcium (Ca), max.....	1.3%
Phosphorus (P), min.....	0.55%
Salt (NaCl), min.....	2.1%
Salt (NaCl), max. ....	2.6%
Potassium (K), min.....	0.95%
Magnesium (Mg), min.....	0.2%
Vitamin A, min. ....	30,000 IU/lb
Vitamin D3, min. ....	3,000 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminants only.

8

## INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Roughage Products, Cane Molasses, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# 20% RANGE CUBE

## PRODUCT DESCRIPTION

For beef cattle on pasture.

## FEATURES AND BENEFITS

**Contains a low level of urea** which gives the advantage of being economical by making use of the animal's ability to convert urea to usable protein.

**Necessary balance of mineral** helps assure proper development of the unborn calf. By providing the animal with the proper balance of mineral you guard against deficiencies.

**Added vitamins** assures the animal is receiving the proper balance of vitamins since cornstalks are often very low in vitamins.

## FEEDING DIRECTIONS

This feed should be fed at the rate of 1 to 4 pounds per animal per day depending on amount and quality of roughage available. Free choice Kent mineral.



## 20% RANGE CUBE

For beef cattle on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	20.0%
This includes not more than 12.0% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min. ....	2.0%
Crude Fiber, max. ....	14.0%
Calcium (Ca), min.....	1.8%
Calcium (Ca), max.....	2.3%
Phosphorus (P), min. ....	0.5%
Salt (NaCl), min.....	2.5%
Salt (NaCl), max. ....	3.0%
Potassium (K), min.....	0.9%
Vitamin A, min. ....	20,000 IU/lb
Vitamin D3, min. ....	2,000 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminant animals only.

8

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Grain Products, Roughage Products, Urea, Cane Molasses, Calcium Carbonate, Salt, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Ethoxyquin and BHT (preservatives).

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# 30% PROTEIN BLOCK

## PRODUCT DESCRIPTION

An all-natural protein block for cattle and sheep.

## FEATURES AND BENEFITS

**Vitamin A fortification** because this vitamin is likely to be depleted in stalk fields and it aids in preventing respiratory diseases.

**Phosphorus** is added to the block because phosphorus is often deficient in pastures and stalk fields. By adding to the block this deficiency is prevented.

**Provides the needed protein** to balance corn stalks because research has shown cattle do better and gain better on stalk fields when they receive some protein. Each dollar invested in protein blocks can return \$2.87 (Iowa State University research).

## FEEDING DIRECTIONS

Formulated for growing and mature cattle and sheep while they are grazing pasture or on stalk fields. Provide 1 block for 5 - 10 head of cattle or 15 - 30 head of sheep. Cattle will consume about 0.5 to 2 lb and sheep 0.1 to 0.25 lb/head/day depending upon quantity and quality of the other feed being fed and the size of animal. Scatter blocks over a wide area which is clean and dry to allow all animals access to the blocks.

If the animals have not had adequate protein intake prior to starting them on protein blocks, it is best to limit the amount of protein blocks to be fed for the first few days.

**CAUTION:** This feed does not contain urea and thus is not harmful if consumed by non-ruminant animals (swine, poultry, and horses).



## 30% PROTEIN BLOCK

A supplement for beef cattle and sheep on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	30.0%
Crude Fat, min. ....	1.0%
Crude Fiber, max. ....	7.0%
Calcium (Ca), min.....	1.5%
Calcium (Ca), max.....	2.0%
Phosphorus (P), min. ....	1.2%
Salt (NaCl), min.....	11.0%
Salt (NaCl), max. ....	13.0%
Potassium (K), min.....	1.3%
Selenium (Se), min. ....	0.3 ppm
Vitamin A, min. ....	50,000 IU/lb
Vitamin D3, min. ....	5,000 IU/lb
Vitamin E, min.....	25 IU/lb

14

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Forage Products, Roughage Products, Cane Molasses, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Salt, Vitamin A Supplement, Vitamin D Supplement, Vitamin E Supplement, Manganous Oxide, Ferrous Sulfate, Cobalt Carbonate, Zinc Oxide, Magnesium Oxide, Sodium Selenite.

MANUFACTURED BY

**KENT NUTRITION GROUP, INC.**

HEADQUARTERS IN MUSCATINE, IA 52761

# 30% RANGE CUBE

## PRODUCT DESCRIPTION

For beef cattle on pasture.

## FEATURES AND BENEFITS

Contains a low level of urea which gives the advantage of being economical by making use of the animal's ability to convert urea to usable protein.

Necessary balance of mineral helps assure proper development of the unborn calf. By providing the animal with the proper balance of mineral you guard against deficiencies.

Added vitamins assures the animal is receiving the proper balance of vitamins since cornstalks are often very low in vitamins.

## FEEDING DIRECTIONS

This feed should be fed at the rate of 1 to 4 pounds per animal per day depending on amount and quality of roughage available. Free choice Kent mineral.



## 30% RANGE CUBE

For beef cattle on pasture.

### GUARANTEED ANALYSIS

Crude Protein, min.....	30.0%
This includes not more than 10.0% equivalent crude protein from non-protein nitrogen.	
Crude Fat, min. ....	2.0%
Crude Fiber, max. ....	15.0%
Calcium (Ca), min.....	1.5%
Calcium (Ca), max.....	2.0%
Phosphorus (P), min. ....	1.0%
Salt (NaCl), min.....	2.1%
Salt (NaCl), max. ....	2.6%
Potassium (K), min.....	0.85%
Vitamin A, min. ....	25,000 IU/lb
Vitamin D3, min. ....	2,500 IU/lb

**WARNING:** This feed should be used only in accordance with directions on this label. Feed to ruminant animals only.

5

### INGREDIENTS

Plant Protein Products, Processed Grain By-Products, Roughage Products, Urea, Cane Molasses, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Animal Fat, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Calcium Iodate, Ferrous Sulfate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Cobalt Carbonate, Sodium Selenite, Ethoxyquin and BHT (preservatives).

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