



Defending the right of quality food
for animals (and humans)
by implementing
Applied Common Sense®



www.abcplus.biz



Products for

Dairy - Beef

Cattle • Sheep • Goats

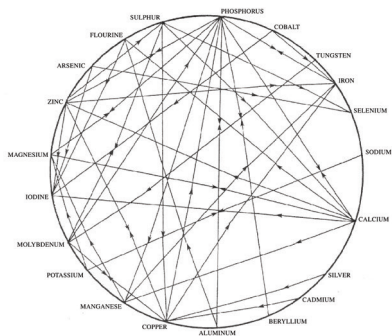


The animal feed products listed in this catalog are **USDA** certified organic and are identified with the **USDA** organic seal. All other products contain only certified organic agricultural products or ingredients that conform to the **NOP's** national list of materials acceptable for **organic livestock production**.

(Item prices and/or sizes are subject to change without notice)

November 2020

The Mineral World



Advanced Biological Concepts® has been dedicated for over 45 years to providing producers with nutritional technology to achieve maximum animal health for the production of drug and hormone-free meat and milk. Animal health problems are due to nutritional deficiencies and related environmental conditions.

Advanced Biological Concepts® offers a complete line of **USDA/NOP** organic livestock production products.

Our Mission:

To achieve maximum animal health with organic nutrients through Applied Common Sense, Technology and Services.

MAXIMIZE Your Herd's Production & Health

- Nutritional Consulting and Advice from Experts
- Water Testing and Analysis Available
- Full Line of Organic Supplements and Minerals for All Classes of Livestock

Take advantage of what we can do for you!

1-800-373-5971

ADVANCED BIOLOGICAL CONCEPTS®


MISSION STATEMENT

Improve the quality of life for mankind; by improving the quality of life for animals through nutrition.

Guidelines for Achieving Mission Statement:

- 1) Always focus on the **cause** of a disease or problem, not the symptom.
- 2) Refrain from Research and Development involved in symptom relief.
- 3) We believe most poor health problems in animals are due to a nutritional deficiency caused by the confinement of animals, thereby, limiting their access to a variety of nutritional ingredients.
- 4) Often improvement in health can be dramatic when furnishing a balanced diet or adding nutrients that are lacking in the animal's diet. Not unlike giving food to a starving animal, this creates a dramatic improvement in health. This mode of nutritionally assisting animals must not be confused with drug therapy or medicine. We do not prescribe replacing the body's own mode of action through supplementation with synthetic chemicals and artificial components.
We supply the body with what it needs to repair itself.
- 5) We do not prescribe the use of poisons or mega doses of single nutrients to **enhance performance**.

For more information or to place an order, call us at
1-800-373-5971 and we will be happy to serve you.



James G. Helfter
Chief Executive Officer

Helfter Enterprises, Inc.
d.b.a.

Advanced Biological Concepts®

“TOMORROW’S TECHNOLOGY TODAY”

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D.U.A.TM



Dietary Nutritional Supplement for Dairy Cattle,
Beef Cattle, Sheep, Goats, Swine, Poultry, and Llamas

GUARANTEED ANALYSIS

Crude Protein	(min)-----12.0 %	Phosphorus (P)	(min)-----1.00 %
Lysine	(min)-----0.05 %	Salt (NaCl)	(min)-----3.0 %
Methionine	(min)-----0.05 %	Salt (NaCl)	(max)-----3.5 %
Crude Fat	(min)-----3.5 %	Sodium (Na)	(min)-----1.00 %
Crude Fiber	(max)-----15.0 %	Sodium (Na)	(max)-----1.50 %
Acid Detergent Fiber (ADF)	(max)-----32.0 %	Copper (Cu)	(min)-----650 PPM
Calcium (Ca)	(min)-----5.0 %	Copper (Cu)	(max)-----750 PPM
Calcium (Ca)	(max)-----6.0 %	Zinc (Zn)	(min)-----1,500 PPM
		Vitamin A	(min)-----180,000 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.TM

INGREDIENTS:

Dried Lactobacillus Acidophilus Fermentation Product, Organic Oat Groats, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgit Clay, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Organic Soybean Oil, Organic Dried Kelp, Bentonite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Yeast Culture, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganese Oxide, Zinc Hydroxychloride, Ascorbic Acid, Vitamin E Supplement, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Lecithin, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS FOR USE:

DAIRY CATTLE:

Top Dress or Add Mix:

1/2 ounce (14.17 g) per head per day.

CALVES:

Top Dress or Add Mix:

1/2 ounce (14.17 g) per head per day.

BEEF CATTLE:

Top Dress or Add Mix:

1/4 ounce (7.09 g) per head per day.

Receiving:

Top Dress or Add Mix:

1/2 ounce (14.17 g) per head per day
for 14 days.

SHEEP & GOATS:

Top Dress or Add Mix:

1/8 ounce (3.54 g) per head per day.

SWINE:

Finishing:

Add 3 Pounds Per Ton of Complete Ration.

Grower and Lactation:

Add 5 Pounds Per Ton of Complete Ration.

Starter and Gestation:

Add 7 Pounds Per Ton of Complete Ration.

POULTRY:

Starter:

Add 4 Pounds Per Ton of Complete Ration.

Complete Feed:

Add 2 Pounds Per Ton of Complete Ration.

LLAMAS / EMUS / ALPACAS:

Top Dress or Add Mix:

1/4 ounce (7.09 g) per head per day.

Manufactured by:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

Phone: 800-373-5971 • Fax: 888-770-0735

jgh@a-b-c-plus.com • www.abcpus.biz

Certified Organic by: ECOCERT ICO, LLC.

FPD157-51

A037

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



D.U.A.TM



**D.U.A.TM = Digestion, Utilization, Absorption
Helps to improve fiber digestion.**

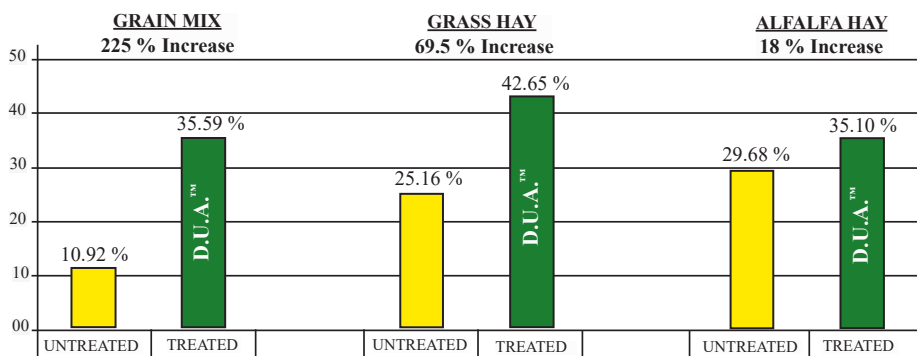
Aids in increasing mineral and protein assimilation.

Benefits of this type of Mineral:

Highly available **single molecule**, **chelated** to carbon (sugar) by the plant.
This is the type of **mineral** that **animals** were **meant to live on**.

Study: Neutral Detergent Fiber Digestion

Independent Lab studies of D.U.A.TM effect on digestion of Neutral Detergent Fiber Digestion yielded the following results.



This test was performed by using the following protocol:*

GRAIN MIX
Control grain mix /
fiber digestion = 10.92 %
D.U.A.TM added /
fiber digestion = 35.59 %
increase = 225 %

GRASS HAY
Control grass hay /
fiber digestion = 25.16 %
D.U.A.TM added /
fiber digestion = 42.65 %
increase = 69.5 %

ALFALFA HAY
Control alfalfa hay /
fiber digestion = 29.68 %
D.U.A.TM added /
fiber digestion = 35.10 %
increase = 18 %

*These numbers were obtained through Invitro procedures.

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PROFIT WITH D.U.A.™

DAIRY: Producers in the dairy industry have shown:

Using **D.U.A.™** at the ½ oz/hd/day in your dairy ration helps increase the utilization of protein in the diet equal to the level of 3.1 pounds of **Soybean Meal** (48%).

Removal of Soybean Meal, 3.1 pounds @ .58/ pound	= \$1.798
Inclusion of D.U.A.™ ½ oz/hd/day	= \$.0978
Savings	= \$1.70

For every \$1.00 invested in D.U.A.™, you SAVE \$18.36!

If ½ oz/hd/day saves 3.1 pounds of **Soybean Meal**,
then 1 bag of **D.U.A.™** saves **4,960 pounds**
(almost 2.5 ton) of **Soybean Meal**.

PROTOCOL:

D.U.A.™

(Digestive Utilization Absorption)

&

FREE CHOICE MINERALS

D.U.A.™ helps to increase digestion of fiber!

Fiber contains the major minerals, as well as minors.

D.U.A.™ helps to make **Free Choice Minerals** more available; this all means **less usage** and **greater profit** for you, the **Producer**.

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



D.U.A.TM Pellets

Dietary Nutritional Supplement for Dairy Cattle,
Beef Cattle, Sheep, Goats, Swine, and Llamas



GUARANTEED ANALYSIS

Crude Protein	(min)-----11.0 %	Phosphorus (P)	(min)-----1.0 %
Lysine	(min)-----0.05 %	Salt (NaCl)	(min)-----2.5 %
Methionine	(min)-----0.05 %	Salt (NaCl)	(max)-----3.0 %
Crude Fat	(min)-----3.5 %	Sodium (Na)	(min)-----0.5 %
Crude Fiber	(max)-----10.0 %	Sodium (Na)	(max)-----1.0 %
Acid Detergent Fiber (ADF)	(max)-----32.0 %	Copper (Cu)	(min)-----500 PPM
Calcium (Ca)	(min)-----5.0 %	Copper (Cu)	(max)-----600 PPM
Calcium (Ca)	(max)-----6.0 %	Zinc (Zn)	(min)-----1500 PPM
		Vitamin A	(min)-----180,000 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.TM

INGREDIENTS:

Dried Lactobacillus Acidophilus Fermentation Product, Organic Oat Groats, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgit Clay, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Organic Soybean Oil, Organic Dried Kelp, Bentonite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Yeast Culture, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Ascorbic Acid, Vitamin E Supplement, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Lecithin, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS FOR USE:

DAIRY CATTLE:

Top Dress or Add Mix:
1 ounce (28.35 g) per head per day.

CALVES:

Top Dress or Add Mix:
1 ounce (28.35 g) per head per day.

BEEF CATTLE:

Top Dress or Add Mix:
1/2 ounce (14.17 g) per head per day.

Receiving:

Top Dress or Add Mix:
1 ounce (28.35 g) per head per day
for 14 days.

2 oz. (60 cc) Scoop Included

SHEEP & GOATS:

Top Dress or Add Mix:
1/4 ounce (7.09 g) per head per day.

SWINE:

Finishing:

Add 6 Pounds Per Ton of Complete Ration.

Grower and Lactation:

Add 10 Pounds Per Ton of Complete Ration.

Starter and Gestation:

Add 14 Pounds Per Ton of Complete Ration.

LLAMAS / EMUS / ALPACAS:

Top Dress or Add Mix:
1/2 ounce (14.17 g) per head per day.

A039



Manufactured for:

Advanced Biological Concepts®
P.O. Box 27 • Osco, Illinois 61274-0027
Phone: 800-373-5971 • Fax: 888-770-0735
jgh@a-b-c-plus.com • www.abcpus.biz

Certified Organic by: EOCERT ICO, LLC.



FPD31-41

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



Free Choice G.R.P.™

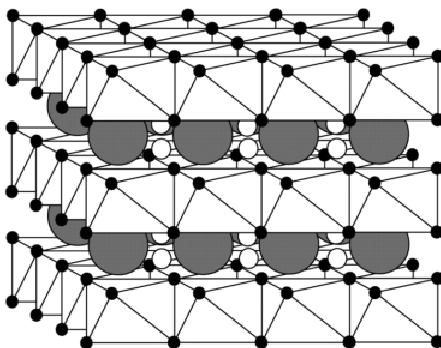


Dietary Nutritional Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Crude Protein	(min) -----	7.0 %
Crude Fat	(min) -----	2.5 %
Crude Fiber	(max) -----	17.0 %
Acid Detergent Fiber (ADF)	(max) -----	30.0 %
Calcium (Ca)	(min) -----	3.5 %
Calcium (Ca)	(max) -----	4.0 %
Phosphorus (P)	(min) -----	0.8 %
Sodium (Na)	(min) -----	3.5 %
Sodium (Na)	(max) -----	4.0 %
Potassium (K)	(min) -----	3.0 %
Copper (Cu)	(min) -----	1000 PPM
Zinc (Zn)	(min) -----	1000 PPM
Manganese (Mn)	(min) -----	1000 PPM
Vitamin A	(min) -----	120,000 IU/LB
Vitamin D ₃	(min) -----	25,000 IU/LB
Vitamin E	(min) -----	400 IU/LB

Glyphosate Matrix



INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Organic Dehydrated Alfalfa Meal, Dried Lactobacillus Acidophilus Fermentation Product, Organic Oat Groats, Verxite, Calcium Carbonate, Monosodium Phosphate, Diatomaceous Earth, Potassium Chloride, Bentonite, Salt, Sodium Bicarbonate, Organic Soybean Oil, Organic Linseed Meal, Reed-Sedge Peat, Dicalcium Phosphate, Attapulgite Clay, Organic Dried Kelp, Choline Chloride, Sodium Aluminosilicate, Sodium Carbonate, Copper Sulfate, Yeast Culture, Magnesium Oxide, Zinc Sulfate, Vitamin E Supplement, Ferrous Sulfate, Manganese Sulfate, Ascorbic Acid, Calcium Hydroxide, Sodium Sulfate, Riboflavin, Manganous Oxide, Citric Acid, Zinc Hydroxychloride, Manganese Hydroxychloride, Calcium Pantothenate, Magnesium Chloride, Niacin, Basic Copper Chloride, Vitamin A Acetate, Organic Garlic, Organic Fenugreek, Sulfur, Folic Acid, Potassium Sulfate, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Organic Egg Product, Vitamin D3 Supplement, Organic Lecithin, Pyridoxine Hydrochloride, Organic Cloves, Vitamin B12 Supplement, Organic Barley, Beta-Carotene, Cobalt Sulfate, Thiamine Mononitrate, Biotin, Organic Dandelion, Ethylenediamine Dihydriodide, Magnesium Sulfate, Organic Parsley, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Copper Oxide, Zinc Oxide, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Sodium Selenite, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

Directions: Free Choice

Manufactured for:

Advanced Biological Concepts®
P.O. Box 27 • Osco, Illinois 61274-0027
Phone: 800-373-5971 • Fax: 888-770-0735
jgh@a-b-c-plus.com • www.abcpus.biz

Certified Organic by: ECOCERT ICO, LLC.

FPD549-19

A202

Net Weight 25 Pounds (11.63 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



D.U.A. G.R.P.™

Dietary Nutritional Supplement for Dairy Cattle, Beef Cattle,
Sheep, Goats, Swine, Poultry, and Llamas



GUARANTEED ANALYSIS

Crude Protein	(min)-----12.0 %	Phosphorus (P)	(min)-----1.0 %
Lysine	(min)-----0.05 %	Salt (NaCl)	(min)-----3.0 %
Methionine	(min)-----0.05 %	Salt (NaCl)	(max)-----3.5 %
Crude Fat	(min)-----3.5 %	Sodium (Na)	(min)-----1.0 %
Crude Fiber	(max)-----15.0 %	Sodium (Na)	(max)-----1.5 %
Acid Detergent Fiber (ADF)	(max)-----32.0 %	Copper (Cu)	(min)-----650 PPM
Calcium (Ca)	(min)-----5.0 %	Copper (Cu)	(max)-----750 PPM
Calcium (Ca)	(max)-----6.0 %	Zinc (Zn)	(min)-----1,500 PPM
		Vitamin A	(min)-----180,000 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Dried Lactobacillus Acidophilus Fermentation Product, Organic Oat Groats, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgite Clay, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Organic Soybean Oil, Organic Dried Kelp, Bentonite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Yeast Culture, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Ascorbic Acid, Vitamin E Supplement, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Lecithin, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS FOR USE:

DAIRY CATTLE:

Top Dress or Add Mix:
1/2 ounce (14.17 g) per head per day.

CALVES:

Top Dress or Add Mix:
1/2 ounce (14.17 g) per head per day.

BEEF CATTLE:

Top Dress or Add Mix:
1/4 ounce (7.09 g) per head per day.
Receiving:
Top Dress or Add Mix:
1/2 ounce (14.17 g) per head per day
for 14 days.

SHEEP & GOATS:

Top Dress or Add Mix:
1/8 ounce (3.54 g) per head per day.

SWINE:

Finishing:
Add 3 Pounds Per Ton of Complete Ration.
Grower and Lactation:
Add 5 Pounds Per Ton of Complete Ration.
Starter and Gestation:
Add 7 Pounds Per Ton of Complete Ration.

POULTRY:

Starter:
Add 4 Pounds Per Ton of Complete Ration.
Complete Feed:
Add 2 Pounds Per Ton of Complete Ration.

LLAMAS / EMUS / ALPACAS:

Top Dress or Add Mix:
1/4 ounce (7.09 g) per head per day.

Manufactured for:

Advanced Biological Concepts®
P.O. Box 27 • Osco, Illinois 61274-0027
Phone: 800-373-5971 • Fax: 888-770-0735
jgh@a-b-c-plus.com • www.abcpus.biz

Certified Organic by: ECOCERT ICO, LLC.

A101

FPD680-23

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



D.U.A. G.R.P.™ Pellets



Dietary Nutritional Supplement for Dairy Cattle, Beef Cattle, Sheep, Goats, Swine, and Llamas

GUARANTEED ANALYSIS

Crude Protein	(min)-----12.0 %	Phosphorus (P)	(min)-----1.50 %
Lysine	(min)-----0.05 %	Salt (NaCl)	(min)-----2.5 %
Methionine	(min)-----0.05 %	Salt (NaCl)	(max)-----3.0 %
Crude Fat	(min)-----3.0 %	Sodium (Na)	(min)-----0.5 %
Crude Fiber	(max)-----10.0 %	Sodium (Na)	(max)-----1.0 %
Acid Detergent Fiber (ADF)	(max)-----32.0 %	Copper (Cu)	(min)-----500 PPM
Calcium (Ca)	(min)-----4.0 %	Copper (Cu)	(max)-----600 PPM
Calcium (Ca)	(max)-----5.0 %	Zinc (Zn)	(min)-----1500 PPM
		Vitamin A	(min)-----180,000 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Dried Lactobacillus Acidophilus Fermentation Product, Organic Oat Groats, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgite Clay, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Organic Soybean Oil, Organic Dried Kelp, Bentonite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Yeast Culture, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Ascorbic Acid, Vitamin E Supplement, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Lecithin, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS FOR USE:

DAIRY CATTLE:

Top Dress or Add Mix:
1 ounce (28.35 g) per head per day.

CALVES:

Top Dress or Add Mix:
1 ounce (28.35 g) per head per day.

BEEF CATTLE:

Top Dress or Add Mix:
1/2 ounce (14.17 g) per head per day.

Receiving:

Top Dress or Add Mix:
1 ounce (28.35 g) per head per day
for 14 days.

2 oz. (60 cc) Scoop Included

SHEEP & GOATS:

Top Dress or Add Mix:
1/4 ounce (7.09 g) per head per day.

SWINE:

Finishing:

Add **6 Pounds** Per Ton of Complete Ration.

Grower and Lactation:

Add **10 Pounds** Per Ton of Complete Ration.

Starter and Gestation:

Add **14 Pounds** Per Ton of Complete Ration.

LLAMAS / EMUS / ALPACAS:

Top Dress or Add Mix:
1/2 ounce (14.17 g) per head per day.

Manufactured for:

Advanced Biological Concepts®
P.O. Box 27 • Osco, Illinois 61274-0027
Phone: 800-373-5971 • Fax: 888-770-0735
jgh@a-b-c-plus.com • www.abcpus.biz

Certified Organic by: ECOCERT ICO, LLC.



FPD702-24

A976

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

Individual Free Choice Minerals

Feeding Free Choice Minerals Has Effects on Many Levels.

- * Helps the animal to balance nutritional minerals and trace minerals.
- * Helps the animal to balance the Cation/Anion charge in feed.
- * Helps the animal to balance the Cation/Anion charge in water.

Precision Tools

Addressing Mineral Balance to Individual Needs
Assuring Nutritional Herd Health

\$\$\$ Money in the Bank \$\$\$



“Low Boy” Mineral Feeder

Wooden 12-Hole Mineral Feeder

Feeder plans are available upon request.

Individual Free Choice Minerals

Kits and Pallets for Ruminants

*See pages 10-16 for information on each of our individual minerals.

Note that consumption of minerals varies from farm to farm. Your animals may eat more or less than the average rate, depending on their needs.

15 Mineral Kit

Item no. P100

Includes One Starter Bag of Each of the Following:

- A Mix
- BVC Mix
- Buffer Plus
- C Mix
- Cu Mix
- 2% I Mix
- K Mix
- M Mix
- P Mix
- S Mix
- TS K Mix
- Zn Mix
- MOP
- Redmond Salt
- G.R.P. Free Choice

12 Mineral Kit

Item no. A181

Includes One 25 lb Bag of Each of the Following Minerals:

- A Mix
- BVC Mix
- Buffer Plus
- C Mix
- Cu Mix
- 2% I Mix
- K Mix
- M Mix
- P Mix
- S Mix
- TS K Mix
- Zn Mix

40 Bag Free Choice Pallet

Item no. A187 (40 x 25 lb Bags)

*Recommended for 250 head
based on average usage*

Includes:

A Mix	11 Bags
BVC Mix	9 Bags
Buffer Plus	2 Bags
C Mix	4 Bags
Cu Mix	1 Bag
2% I Mix	1 Bag
K Mix	2 Bags
M Mix	1 Bag
P Mix	4 Bags
S Mix	2 Bags
TS K Mix	2 Bags
Zn Mix	1 Bag

80 Bag Free Choice Pallet

Item no. A190 (80 x 25 lb Bags)

*Recommended for 500 head
based on average usage*

Includes:

A Mix	22 Bags
BVC Mix	18 Bags
Buffer Plus	4 Bags
C Mix	8 Bags
Cu Mix	2 Bags
2% I Mix	2 Bags
K Mix	5 Bags
M Mix	2 Bags
P Mix	7 Bags
S Mix	4 Bags
TS K Mix	4 Bags
Zn Mix	2 Bags

Should I Supplement Selenium? Selenium is not included in our free choice kits; however, we do carry Selenium supplements which can be purchased separately and offered if needed. While many soils are Selenium deficient, some may have excessive amounts of selenium. To find out if your area is selenium deficient, consult your local veterinarian.

Note: Offer a Free Choice common white salt block or common white feed mixing salt with all ABC Free Choice products.



A-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Crude Protein	(min)	-----8.00 %	Sodium (Na)	(min)	-----6.00 %
Crude Fat	(min)	-----2.00 %	Sodium (Na)	(max)	-----7.00 %
Crude Fiber	(max)	-----20.00 %	Vitamin A	(min)	-----1,500,000 IU/LB
ADF	(max)	-----40.00 %	Vitamin D ₃	(min)	-----700,000 IU/LB
Phosphorus (P)	(min)	-----0.10 %	Vitamin E	(min)	-----750 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.TM

INGREDIENTS:

Organic Dehydrated Alfalfa Meal, Bentonite, Sodium Bicarbonate, Vitamin A Acetate, Vitamin E Supplement, Vitamin D3 Supplement, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgitte Clay, Monosodium Phosphate, Organic Dried Kelp, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Yeast Culture, Ascorbic Acid, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Organic Lecithin, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Offer **Free Choice** separate from other parts of the ration.

A142

Certified Organic by: ECOCERT ICO, LLC.

FPD44-38



BVC-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Crude Protein (min)	----10.0 %	Calcium (Ca) (max)	-----4.0 %	Vitamin D ₃ (min)	---160,000 IU/LB	Riboflavin (B ₂) (min)	---450.0 mg/LB
Crude Fat (min)	----1.5 %	Phosphorus (P) (min)	-----0.1 %	Vitamin E (min)	-----250 IU/LB	Thiamine (B ₁) (min)	-----1.0 g/LB
Crude Fiber (max)	----12.0 %	Sodium (Na) (min)	-----4.3 %	Folic Acid (B ₉) (min)	-----10.0 mg/LB	Vitamin B ₁₂ (min)	-----1.0 mg/LB
ADF (max)	----40.0 %	Sodium (Na) (max)	-----5.0 %	Niacin (B ₃) (min)	-----1.5 g/LB	Pyridoxine (B ₆) (min)	---70.0 mg/LB
Calcium (Ca) (min)	----3.5 %	Vitamin A (min)	---300,000 IU/LB	Biotin (B ₇) (min)	-----5.0 mg/LB		

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.TM

INGREDIENTS:

Organic Dehydrated Alfalfa Meal, Sodium Bicarbonate, Bentonite, Calcium Carbonate, Salt, Dried Lactobacillus Acidophilus Fermentation Product, Niacin, Yeast Culture, Thiamine Mononitrate, Choline Chloride, Riboflavin, Beta-Carotene, Ascorbic Acid, Biotin, Diatomaceous Earth, Vitamin D3 Supplement, Vitamin E Supplement, Vitamin A Acetate, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgitte Clay, Vitamin B12 Supplement, Monosodium Phosphate, Pyridoxine Hydrochloride, Organic Dried Kelp, Folic Acid, Sodium Aluminosilicate, Magnesium Oxide, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Sulfur, Citric Acid, Organic Lecithin, Potassium Sulfate, Magnesium Sulfate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Organic Cloves, Organic Barley, Cobalt Sulfate, Calcium Hydroxide, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Offer **Free Choice** separate from other parts of the ration.

A144

Certified Organic by: ECOCERT ICO, LLC.

FPD48-37

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

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Buffer Plus

For Organic Livestock Production



Free Choice Mineral Supplement for all Classes of Dairy and Beef

GUARANTEED ANALYSIS

Calcium (Ca)	(min)-----	4.2 %	Magnesium (Mg)	(min)-----	2.5 %
Calcium (Ca)	(max)-----	5.2 %	Potassium (K)	(min)-----	2.5 %
Sodium (Na)	(min)-----	18.0 %			
Sodium (Na)	(max)-----	23.0 %			

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Sodium Bicarbonate, Calcium Carbonate, Organic Dehydrated Alfalfa Meal, Salt, Magnesium Oxide, Potassium Chloride, Yeast Culture, Niacin, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgit Clay, Monosodium Phosphate, Organic Dried Kelp, Bentonite, Sodium Aluminosilicate, Choline Chloride, Ascorbic Acid, Vitamin E Supplement, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Manganous Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Organic Lecithin, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS for Dairy and Beef:

Offer Free Choice separate from other parts of the ration.

A143

Certified Organic by: ECOCERT ICO, LLC.

FPD60-32



C-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Calcium (Ca)	(min)-----	22.00 %	Calcium (Ca)	(max)-----	26.00 %	Vitamin D ₃	(min)-----	60,000 IU/LB
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INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Calcium Carbonate, Organic Dehydrated Alfalfa Meal, Vitamin D3 Supplement, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgit Clay, Monosodium Phosphate, Organic Dried Kelp, Bentonite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Yeast Culture, Ascorbic Acid, Vitamin E Supplement, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Organic Lecithin, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Offer Free Choice separate from other parts of the ration.

A145

Certified Organic by: ECOCERT ICO, LLC.

FPD64-35

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Cu-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Salt (NaCl) (min)-----85.0 % Salt (NaCl) (max)-----90.0 % Copper (Cu) (min)-----1.30 %

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS: Salt, Copper Sulfate, Sodium Aluminosilicate, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgite Clay, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Organic Dried Kelp, Bentonite, Choline Chloride, Magnesium Oxide, Yeast Culture, Ascorbic Acid, Vitamin E Supplement, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Organic Lecithin, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS: Offer **Free Choice** separate from other parts of the ration.

A146

Certified Organic by: ECOCERT ICO, LLC.

FPD42-33



2% I-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Salt (NaCl) (min)----- 85.0 % Salt (NaCl) (max)----- 90.0 % Iodine (I) (min)----- 2.00 %

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS: Salt, Ethylenediamine Dihydriodide, Sodium Aluminosilicate, Iron Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgite Clay, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Organic Dried Kelp, Bentonite, Choline Chloride, Magnesium Oxide, Yeast Culture, Ferrous Sulfate, Ascorbic Acid, Vitamin E Supplement, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Manganese Sulfate, Organic Lecithin, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS for Dairy and Beef: Mix 1 3/4 lbs. of 2% I-Mix with 100 lbs. of feeding salt, then free choice not to exceed 1 oz/head/day.

DIRECTIONS for Equine: Offer **Free Choice** separate from other parts of the ration.

A141

Certified Organic by: ECOCERT ICO, LLC.

FPD47-37

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

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K-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Sodium (Na) (min) ----- 5.0 % Sodium (Na) (max) ----- 6.0 % Potassium (K) (min) ----- 31.0 %

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Potassium Chloride, Sodium Bicarbonate, Organic Dehydrated Alfalfa Meal, Diatomaceous Earth, Dried Lactobacillus Acidophilus Fermentation Product, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgit Clay, Calcium Carbonate, Monosodium Phosphate, Organic Dried Kelp, Bentonite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Ascorbic Acid, Vitamin E Supplement, Yeast Culture, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Manganese Oxide, Organic Lecithin, Zinc Hydroxychloride, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Offer **Free Choice** separate from other parts of the ration.

A147

Certified Organic by: ECOCERT ICO, LLC.

FPD75-29



M-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Sodium (Na) (min) -----	3.3 %	Vitamin A (min) -----	500,000 IU/LB
Sodium (Na) (max) -----	3.8 %	Vitamin D ₃ (min) -----	225,000 IU/LB
Magnesium (Mg) (min) -----	21.0 %	Vitamin E (min) -----	200 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Magnesium Oxide, Magnesium Sulfate, Bentonite, Organic Dehydrated Alfalfa Meal, Sodium Bicarbonate, Organic Dried Kelp, Dried Lactobacillus Acidophilus Fermentation Product, Calcium Carbonate, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Diatomaceous Earth, Salt, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgit Clay, Monosodium Phosphate, Yeast Culture, Niacin, Choline Chloride, Sodium Aluminosilicate, Thiamine Mononitrate, Ascorbic Acid, Riboflavin, Beta-Carotene, Biotin, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganese Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Manganese Sulfate, Vitamin B12 Supplement, Organic Lecithin, Basic Copper Chloride, Folic Acid, Organic Garlic, Organic Fenugreek, Pyridoxine Hydrochloride, Sulfur, Citric Acid, Potassium Sulfate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Organic Cloves, Organic Barley, Cobalt Sulfate, Calcium Hydroxide, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Offer **Free Choice** separate from other parts of the ration.

A150

Certified Organic by: ECOCERT ICO, LLC.

FPD49-31

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P-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Calcium (Ca) (min)-----	3.00 %	Sodium (Na) (min)-----	15.00 %
Calcium (Ca) (max)-----	4.00 %	Sodium (Na) (max)-----	17.00 %
Phosphorus (P) (min)-----	20.00 %		

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Monosodium Phosphate, Dicalcium Phosphate, Sodium Bicarbonate, Organic Dehydrated Alfalfa Meal, Iron Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Calcium Carbonate, Attapulgit Clay, Organic Dried Kelp, Bentonite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Yeast Culture, Ascorbic Acid, Vitamin E Supplement, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Organic Lecithin, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Offer Free Choice separate from other parts of the ration.

A151

Certified Organic by: ECOCERT ICO, LLC.

FPD65-28



S-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Salt (NaCl) (min)-----	40.0 %	Salt (NaCl) (max)-----	45.0 %	Sulfur (S) (min)-----	45.0 %
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INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Sulfur, Salt, Organic Dehydrated Alfalfa Meal, Sodium Aluminosilicate, Magnesium Sulfate, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgit Clay, Monosodium Phosphate, Organic Dried Kelp, Bentonite, Choline Chloride, Magnesium Oxide, Yeast Culture, Ascorbic Acid, Vitamin E Supplement, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Organic Lecithin, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Citric Acid, Folic Acid, Potassium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Offer Free Choice separate from other parts of the ration.

A153

Certified Organic by: ECOCERT ICO, LLC.

FPD66-30

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TS K-Mix



Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Calcium (Ca)	(min) ----- 6.00 %	Copper (Cu)	(min) ----- 5,000 PPM
Calcium (Ca)	(max) ----- 7.00 %	Selenium (Se)	(min) ----- 2 PPM
Salt (NaCl)	(min) ----- 45.00 %	Zinc (Zn)	(min) ----- 5,000 PPM
Salt (NaCl)	(max) ----- 50.00 %	Iodine (I)	(min) ----- 70 PPM
Magnesium (Mg)	(min) ----- 0.50 %	Vitamin D ₃	(min) ----- 45,000 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Salt, Calcium Carbonate, Organic Dried Kelp, Organic Dehydrated Alfalfa Meal, Manganese Sulfate, Magnesium Sulfate, Zinc Sulfate, Copper Sulfate, Copper Oxide, Zinc Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Sodium Selenite, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgit Clay, Monosodium Phosphate, Vitamin D3 Supplement, Ethylenediamine Dihydrochloride, Bentonite, Cobalt Carbonate, Sodium Aluminosilicate, Choline Chloride, Magnesium Oxide, Yeast Culture, Ferrous Sulfate, Ascorbic Acid, Vitamin E Supplement, Sodium Sulfate, Potassium Chloride, Manganese Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Organic Lecithin, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS for Dairy and Beef:

Recommended consumption rate not to exceed 5 ounces per head per day due to governing limitations on Iodine and Selenium in cattle.

NOTE: Follow label instructions.

DIRECTIONS for Equine:

Offer Free Choice separate from other parts of the ration.

A154

Certified Organic by: ECOCERT ICO, LLC.

FPD43-32



Zn-Mix



Free Choice Mineral Supplement for all Classes of Ruminants and Equine

GUARANTEED ANALYSIS

Salt (NaCl)	(min)----- 85.0 %	Salt (NaCl)	(max)----- 90.0 %	Zinc (Zn)	(min)----- 2.0 %
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INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS: Salt, Zinc Sulfate, Sodium Aluminosilicate, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgit Clay, Calcium Carbonate, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Organic Dried Kelp, Bentonite, Choline Chloride, Magnesium Oxide, Ascorbic Acid, Vitamin E Supplement, Yeast Culture, Ferrous Sulfate, Sodium Sulfate, Potassium Chloride, Organic Lecithin, Manganese Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS: Offer Free Choice separate from other parts of the ration.

A155

Certified Organic by: ECOCERT ICO, LLC.

FPD67-31

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

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KLNZ Mix

Free Choice Vitamin & Mineral Buffering Supplement for Ruminants and Equine



GUARANTEED ANALYSIS

Calcium (Ca)	(min)	2.0 %	Copper (Cu)	(min)	50 PPM
Calcium (Ca)	(max)	2.5 %	Zinc (Zn)	(min)	100 PPM
Sodium (Na)	(min)	2.5 %	Vitamin A	(min)	120,000 IU/LB
Sodium (Na)	(max)	3.0 %	Vitamin D ₃	(min)	50,000 IU/LB
			Vitamin E	(min)	400 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.TM

INGREDIENTS:

Bentonite, Organic Dehydrated Alfalfa Meal, Diatomaceous Earth, Sodium Bicarbonate, Organic Linseed Meal, Yeast Culture, Organic Roasted Soybeans, Attapulgit Clay, Reed-Sedge Peat, Organic Dried Kelp, Dried Lactobacillus Acidophilus Fermentation Product, Salt, Calcium Carbonate, Magnesium Oxide, Potassium Chloride, Ferrous Sulfate, Choline Chloride, Manganese Sulfate, Dicalcium Phosphate, Niacin, Monosodium Phosphate, Magnesium Sulfate, Zinc Sulfate, Vitamin E Supplement, Vitamin A Acetate, Vitamin D₃ Supplement, Sodium Aluminosilicate, Thiamine Mononitrate, Ascorbic Acid, Copper Sulfate, Copper Oxide, Zinc Oxide, Riboflavin, Beta-Carotene, Biotin, Sodium Sulfate, Citric Acid, Organic Lecithin, Manganous Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Cobalt Sulfate, Vitamin B12 Supplement, Basic Copper Chloride, Organic Garlic, Folic Acid, Organic Fenugreek, Pyridoxine Hydrochloride, Sulfur, Potassium Sulfate, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Organic Cloves, Organic Barley, Sodium Selenite, Calcium Hydroxide, Ethylenediamine Dihydride, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Cobalt Carbonate, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Offer **Free Choice** separate from other parts of the ration.

A148

Certified Organic by: ECOCERT ICO, LLC.

FPD72-29



SE Top Choice Mix for Beef and Equine

Mineral Supplement for all Classes of Beef and Equine



GUARANTEED ANALYSIS

Salt (NaCl)	(min)	70 %	Salt (NaCl)	(max)	75 %	Selenium (Se)(min)	100 PPM
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INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.TM

INGREDIENTS:

Salt, Organic Dehydrated Alfalfa Meal, Bentonite, Sodium Bicarbonate, Sodium Aluminosilicate, Sodium Selenite, Dried Yeast, Dried Lactobacillus Acidophilus Fermentation Product, Iron Oxide, Vitamin E Supplement, Vitamin A Acetate, Vitamin D₃ Supplement, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgit Clay, Monosodium Phosphate, Organic Dried Kelp, Choline Chloride, Magnesium Oxide, Yeast Culture, Ascorbic Acid, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Organic Lecithin, Magnesium Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS for Beef:

Free Choice not to exceed 0.3 mg of Selenium per head per day per total ration.

DIRECTIONS for Equine:

Offer **Free Choice** separate from other parts of the ration.

NOTE: MUST OFFER A FREE CHOICE COMMON WHITE SALT BLOCK OR COMMON WHITE FEED MIXING SALT!

Item number: **A152**

Certified Organic by: ECOCERT ICO, LLC.

FPD62-34



SE Top Choice Mix for Dairy

Mineral Supplement for all Classes of Dairy



DIRECTIONS for Dairy:

Top dress, not to exceed 0.09 mg of Selenium per head per day per total ration.

NOTE: MUST OFFER A FREE CHOICE COMMON WHITE SALT BLOCK OR COMMON WHITE FEED MIXING SALT!

Item number: **A342**

Certified Organic by: ECOCERT ICO, LLC.

FPD711-11



SE Top Choice Mix for Sheep and Goats

Mineral Supplement for all Classes of Sheep and Goats



DIRECTIONS for Sheep and Goats:

Offer **Free Choice** separate from other parts of the ration.

NOTE: MUST OFFER A FREE CHOICE COMMON WHITE SALT BLOCK OR COMMON WHITE FEED MIXING SALT!

Item number: **A344**

Certified Organic by: ECOCERT ICO, LLC.

FPD713-11

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

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N.O.M.S. / IPR Pellets



NATURAL OCCURRING MINERAL SUPPLEMENT For All Classes of Ruminants and Equine

600 1/2-Scoop doses

GUARANTEED ANALYSIS

Calcium (Ca) (min)-----	1.0 %	Magnesium (Mg) (min)-----	0.2 %
Calcium (Ca) (max)-----	1.5 %	Potassium (K) (min)-----	0.2 %

INGREDIENTS:

Organic Dehydrated Alfalfa Meal, Diatomaceous Earth, Attapulgit Clay, Organic Soybean Oil, Organic Pumpkin Seeds, Dried Lactobacillus Acidophilus Fermentation Product, Organic Garlic, Organic Cloves, Organic Apple Cider Vinegar, Organic Artemisia, Organic Lemon Grass, Organic Parsley, Organic Hyssop, Organic Common Fennel, Organic Horseradish, Organic Sage, Organic Elder Flowers, Organic Alexandria Senna, Organic Walnut Leaves, Organic Papain, Organic Linseed Meal, Organic Basil, Organic Thyme.

Enclosed 2 oz. Scoop by Volume (weighs 1/12 lb)

DIRECTIONS for Horses:

1 Scoop per head per day for initial 7 days.
Then reduce to 1/2 Scoop per head per day for 14 days.

DIRECTIONS for Dairy and Beef:

1 Scoop per head per day for initial 7 days.
Then reduce to 1/2 scoop per head per day for 14 days.

Note: May also be offered **FREE CHOICE**.

DIRECTIONS for Sheep and Goats:

1 Scoop per head per day for initial 7 days. Then reduce to 1/2 Scoop per head per day for 14 days.

Note: May also be offered **FREE CHOICE**.

DIRECTIONS for Swine:

12.5 lbs per ton of complete feed for 21 days.

Note: May also be offered **FREE CHOICE**.

DIRECTIONS for Poultry:

10 lbs per ton of complete feed for 21 days.

Note: May also be offered **FREE CHOICE**.

NOTE: Directions may be repeated every 2 months, or more if indicated.

Manufactured for:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

Phone: 800-373-5971 • Fax: 888-770-0735

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Certified Organic by: ECOCERT ICO, LLC.

PD992-20

A249

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



DAIRY 1:1 MINERAL PLUS



FOR ORGANIC LIVESTOCK PRODUCTION

Cation (+) and Anion (-) Charged Balanced Mineral Supplement also Fortified with Enzymes
Vitamin and Mineral Supplement for All Classes of Dairy

GUARANTEED ANALYSIS

Calcium (Ca)	(min)-----	9.00 %
Calcium (Ca)	(max)-----	10.00 %
Phosphorus (P)	(min)-----	9.00 %
Sodium (Na)	(min)-----	3.00 %
Sodium (Na)	(max)-----	3.50 %
Magnesium (Mg)	(min)-----	1.25 %
Potassium (K)	(min)-----	1.00 %
Sulfur	(min)-----	2.00 %
Iodine (I)	(min)-----	100 PPM
Selenium (Se)	(min)-----	50 PPM
Vitamin A	(min)-----	300,000 IU/LB
Vitamin D ₃	(min)-----	150,000 IU/LB
Vitamin E	(min)-----	400 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Dicalcium Phosphate, Bentonite, Monosodium Phosphate, Sodium Bicarbonate, Organic Dehydrated Alfalfa Meal, Magnesium Oxide, Potassium Chloride, Calcium Carbonate, Sulfur, Zinc Oxide, Manganese Oxide, Organic Soybean Oil, Reed-Sedge Peat, Yeast Culture, Sodium Selenite, Copper Sulfate, Iron Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Vitamin E Supplement, Organic Oat Groats, Copper Oxide, Diatomaceous Earth, Vitamin A Acetate, Vitamin D3 Supplement, Organic Linseed Meal, Attapulgite Clay, Ethylenediamine Dihydriodide, Choline Chloride, Organic Dried Kelp, Zinc Sulfate, Manganese Sulfate, Sodium Aluminosilicate, Niacin, Salt, Cobalt Carbonate, Ferrous Sulfate, Sodium Sulfate, Zinc Hydroxychloride, Ascorbic Acid, Manganese Hydroxychloride, Citric Acid, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Organic Lecithin, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Cobalt Sulfate, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Add mix 2 ounces per head per day.

Note: Follow label directions. Additions of higher levels of this add mix containing Selenium is prohibited.

Manufactured for:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

Phone: 800-373-5971 • Fax: 888-770-0735

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Certified Organic by: ECOCERT ICO, LLC.

FPD694-10

A315

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



DAIRY 2:1 MINERAL PLUS



FOR ORGANIC LIVESTOCK PRODUCTION

Cation (+) and Anion (-) Charged Balanced Mineral Supplement also Fortified with Enzymes

Vitamin and Mineral Supplement for All Classes of Dairy

GUARANTEED ANALYSIS

Calcium (Ca)	(min)	16.00 %
Calcium (Ca)	(max)	18.00 %
Phosphorus (P)	(min)	8.00 %
Sodium (Na)	(min)	2.50 %
Sodium (Na)	(max)	3.00 %
Magnesium (Mg)	(min)	1.25 %
Potassium (K)	(min)	1.00 %
Sulfur (S)	(min)	2.00 %
Iodine (I)	(min)	100 PPM
Selenium (Se)	(min)	50 PPM
Vitamin A	(min)	300,000 IU/LB
Vitamin D ₃	(min)	150,000 IU/LB
Vitamin E	(min)	400 IU LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Dicalcium Phosphate, Calcium Carbonate, Bentonite, Monosodium Phosphate, Sodium Bicarbonate, Organic Dehydrated Alfalfa Meal, Magnesium Oxide, Potassium Chloride, Sulfur, Zinc Oxide, Manganous Oxide, Organic Soybean Oil, Reed-Sedge Peat, Yeast Culture, Sodium Selenite, Copper Sulfate, Iron Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Vitamin E Supplement, Organic Oat Groats, Copper Oxide, Diatomaceous Earth, Vitamin A Acetate, Vitamin D3 Supplement, Organic Linseed Meal, Attapulgitic Clay, Ethylenediamine Dihydride, Choline Chloride, Organic Dried Kelp, Zinc Sulfate, Manganese Sulfate, Sodium Aluminosilicate, Niacin, Salt, Cobalt Carbonate, Ferrous Sulfate, Sodium Sulfate, Zinc Hydroxychloride, Ascorbic Acid, Manganese Hydroxychloride, Citric Acid, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Organic Lecithin, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Cobalt Sulfate, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

FEEDING DIRECTIONS:

Add mix 2 oz. per head per day.

Note: Follow label directions. Additions of higher levels of this add mix containing Selenium is prohibited.

Manufactured for:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

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Certified Organic by: ECOCERT ICO, LLC.

A316

FPD695-11

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



DAIRY HI PHOS MINERAL PLUS



FOR ORGANIC LIVESTOCK PRODUCTION

Cation (+) and Anion (-) Charged Balanced Mineral Supplement also Fortified with Enzymes

Vitamin and Mineral Supplement for All Classes of Dairy

GUARANTEED ANALYSIS

Calcium (Ca)	(min)-----	6.00 %
Calcium (Ca)	(max)-----	7.00 %
Phosphorus (P)	(min)-----	14.00 %
Sodium (Na)	(min)-----	9.00 %
Sodium (Na)	(max)-----	10.00 %
Magnesium (Mg)	(min)-----	1.25 %
Potassium (K)	(min)-----	1.00 %
Iodine (I)	(min)-----	80 PPM
Selenium (Se)	(min)-----	50 PPM
Vitamin A	(min)-----	500,000 IU/LB
Vitamin D ₃	(min)-----	250,000 IU/LB
Vitamin E	(min)-----	325 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.TM

INGREDIENTS:

Monosodium Phosphate, Dicalcium Phosphate, Bentonite, Sodium Bicarbonate, Organic Dehydrated Alfalfa Meal, Calcium Carbonate, Magnesium Oxide, Potassium Chloride, Sulfur, Zinc Oxide, Manganous Oxide, Organic Soybean Oil, Reed-Sedge Peat, Yeast Culture, Sodium Selenite, Copper Sulfate, Iron Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Vitamin E Supplement, Organic Oat Groats, Copper Oxide, Diatomaceous Earth, Vitamin A Acetate, Vitamin D3 Supplement, Organic Linseed Meal, Attapulgitte Clay, Ethylenediamine Dihydriodide, Choline Chloride, Organic Dried Kelp, Zinc Sulfate, Manganese Sulfate, Sodium Aluminosilicate, Niacin, Salt, Cobalt Carbonate, Ferrous Sulfate, Sodium Sulfate, Zinc Hydroxychloride, Ascorbic Acid, Manganese Hydroxychloride, Citric Acid, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Organic Lecithin, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Cobalt Sulfate, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

FEEDING DIRECTIONS:

Add mix 2 oz. per head per day.

Note: Follow label directions. Additions of higher levels of this add mix containing Selenium is prohibited.

Manufactured by:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

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Certified Organic by: ECOCERT ICO, LLC.

FPD696-11

A317

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



BEEF 1:1 MINERAL PLUS



FOR ORGANIC LIVESTOCK PRODUCTION

Cation (+) and Anion (-) Charged Balanced Mineral Supplement also Fortified with Enzymes
Vitamin and Mineral Supplement for All Classes of Beef

GUARANTEED ANALYSIS

Calcium (Ca) (min).....	10.00 %	Potassium (K) (min).....	1.00 %
Calcium (Ca) (max).....	12.00 %	Sulfur (min).....	2.00 %
Phosphorus (P) (min).....	10.00 %	Iodine (I) (min).....	100 PPM
Sodium (Na) (min).....	3.00 %	Selenium (Se) (min).....	25 PPM
Sodium (Na) (max).....	3.50 %	Vitamin A (min).....	300,000 IU/LB
Magnesium (Mg) (min).....	1.25 %	Vitamin D ₃ (min).....	150,000 IU/LB
		Vitamin E (min).....	400 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Dicalcium Phosphate, Bentonite, Monosodium Phosphate, Sodium Bicarbonate, Organic Dehydrated Alfalfa Meal, Magnesium Oxide, Potassium Chloride, Calcium Carbonate, Sulfur, Zinc Oxide, Manganous Oxide, Organic Soybean Oil, Reed-Sedge Peat, Yeast Culture, Copper Sulfate, Iron Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Sodium Selenite, Vitamin E Supplement, Organic Oat Groats, Copper Oxide, Diatomaceous Earth, Vitamin A Acetate, Vitamin D3 Supplement, Organic Linseed Meal, Attapulgitic Clay, Ethylenediamine Dihydride, Choline Chloride, Organic Dried Kelp, Zinc Sulfate, Manganese Sulfate, Sodium Aluminosilicate, Niacin, Salt, Cobalt Carbonate, Ferrous Sulfate, Sodium Sulfate, Zinc Hydroxychloride, Ascorbic Acid, Manganese Hydroxychloride, Citric Acid, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Organic Lecithin, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Cobalt Sulfate, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

FEEDING DIRECTIONS:

Offer FREE CHOICE or Add Mix 4 ounces per head per day.

Note: Follow label directions. Additions of higher levels of this add mix containing Selenium is prohibited.

Manufactured for:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

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Certified Organic by: ECOCERT ICO, LLC.

A312

Net Weight 25 Pounds (11.36 kg)

FPD691-12

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



BEEF 2:1 MINERAL PLUS



FOR ORGANIC LIVESTOCK PRODUCTION

Cation (+) and Anion (-) Charged Balanced Mineral Supplement also Fortified with Enzymes
Vitamin and Mineral Supplement for All Classes of Beef

GUARANTEED ANALYSIS

Calcium (Ca)	(min)	----- 15.00 %	Potassium (K)	(min)	----- 1.00 %
Calcium (Ca)	(max)	----- 17.00 %	Sulfur	(min)	----- 2.00 %
Phosphorus (P)	(min)	----- 7.50 %	Iodine (I)	(min)	----- 100 PPM
Sodium (Na)	(min)	----- 2.25 %	Selenium	(min)	----- 25 PPM
Sodium (Na)	(max)	----- 2.75 %	Vitamin A	(min)	----- 300,000 IU/LB
Magnesium (Mg)	(min)	----- 1.25 %	Vitamin D ₃	(min)	----- 150,000 IU/LB
			Vitamin E	(min)	----- 400 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Dicalcium Phosphate, Calcium Carbonate, Bentonite, Monosodium Phosphate, Sodium Bicarbonate, Organic Dehydrated Alfalfa Meal, Magnesium Oxide, Potassium Chloride, Sulfur, Zinc Oxide, Manganous Oxide, Organic Soybean Oil, Reed-Sedge Peat, Yeast Culture, Copper Sulfate, Iron Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Sodium Selenite, Vitamin E Supplement, Organic Oat Groats, Copper Oxide, Diatomaceous Earth, Vitamin A Acetate, Vitamin D3 Supplement, Organic Linseed Meal, Attapulgitte Clay, Ethylenediamine Dihydriodide, Choline Chloride, Organic Dried Kelp, Zinc Sulfate, Manganese Sulfate, Sodium Aluminosilicate, Niacin, Salt, Cobalt Carbonate, Ferrous Sulfate, Sodium Sulfate, Zinc Hydroxychloride, Ascorbic Acid, Manganese Hydroxychloride, Citric Acid, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Organic Lecithin, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Cobalt Sulfate, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

FEEDING DIRECTIONS:

Add mix 4 oz. per head per day.

Note: Follow label directions. Additions of higher levels of this add mix containing Selenium is prohibited.

Manufactured for:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

Phone: 800-373-5971 • Fax: 888-770-0735

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Certified Organic by: ECOCERT ICO, LLC.

FPD692-11

A313

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



BEEF HI PHOS MINERAL PLUS



FOR ORGANIC LIVESTOCK PRODUCTION

Cation (+) and Anion (-) Charged Balanced Mineral Supplement also Fortified with Enzymes
Vitamin and Mineral Supplement for All Classes of Beef

GUARANTEED ANALYSIS

Calcium (Ca)	(min)	7.00 %
Calcium (Ca)	(max)	8.40 %
Phosphorus (P)	(min)	15.00 %
Sodium (Na)	(min)	8.00 %
Sodium (Na)	(max)	10.00 %
Magnesium (Mg)	(min)	1.25 %
Potassium (K)	(min)	1.00 %
Iodine (I)	(min)	100 PPM
Selenium (Se)	(min)	15 PPM
Vitamin A	(min)	300,000 IU/LB
Vitamin D ₃	(min)	150,000 IU/LB
Vitamin E	(min)	400 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Monosodium Phosphate, Dicalcium Phosphate, Bentonite, Sodium Bicarbonate, Organic Dehydrated Alfalfa Meal, Calcium Carbonate, Magnesium Oxide, Potassium Chloride, Sulfur, Zinc Oxide, Manganous Oxide, Organic Soybean Oil, Reed-Sedge Peat, Yeast Culture, Copper Sulfate, Iron Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Sodium Selenite, Vitamin E Supplement, Organic Oat Groats, Copper Oxide, Diatomaceous Earth, Vitamin A Acetate, Vitamin D3 Supplement, Organic Linseed Meal, Attapulgitic Clay, Ethylenediamine Dihydride, Choline Chloride, Organic Dried Kelp, Zinc Sulfate, Manganese Sulfate, Sodium Aluminosilicate, Niacin, Salt, Cobalt Carbonate, Ferrous Sulfate, Sodium Sulfate, Zinc Hydroxychloride, Ascorbic Acid, Manganese Hydroxychloride, Citric Acid, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Organic Lecithin, Organic Apple Cider Vinegar, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Cobalt Sulfate, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

FEEDING DIRECTIONS:

Offer FREE CHOICE or Add Mix 4 ounces per head per day.

Note: Follow label directions. Additions of higher levels of this add mix containing Selenium is prohibited.

Manufactured for:

Advanced Biological Concepts®
P.O. Box 27 • Osco, Illinois 61274-0027
Phone: 800-373-5971 • Fax: 888-770-0735
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Certified Organic by: ECOCERT ICO, LLC.

FPD693-10

A314

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



FORMULA 754



Forage Optimization For Greater Profitability For Organic Livestock Production

Dietary Nutritional Supplement for Dairy and Beef

Cation (+) and Anion (-) Charged Balanced Mineral Supplement also Fortified with Enzymes

GUARANTEED ANALYSIS

Crude Protein	(min)-----14.0 %	Calcium (Ca)	(min)-----0.90 %
Crude Fat	(min)-----2.0 %	Calcium (Ca)	(max)-----1.40 %
Crude Fiber	(max)-----18.00 %	Phosphorus (P)	(min)-----0.50 %
Acid Detergent Fiber (ADF)	(max)-----30.00 %	Vitamin A	(min)-----45,000 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Dried Lactobacillus Acidophilus Fermentation Product, Organic Oat Groats, Organic Fenugreek, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgitte Clay, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Organic Soybean Oil, Organic Dried Kelp, Bentonite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Yeast Culture, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Ascorbic Acid, Vitamin E Supplement, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Lecithin, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydriodide, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

DAIRY COWS: Lactating Cows: Add mix 1 oz. per head per day.

BEEF COWS: Add mix 1/4 oz. per head per day.

SWINE: 40 lbs to Finish: Add mix 2 lbs. per ton of feed.

Lactating Sows: Add mix 1 lb. per ton of feed.

Manufactured for:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

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Certified Organic by: ECOCERT ICO, LLC.

FPD697-9

A318

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



GOAT & SHEEP 1:1 FREE CHOICE MINERAL



FOR ORGANIC LIVESTOCK PRODUCTION

Cation (+) and Anion (-) Charged Balanced Mineral Supplement also Fortified with Enzymes
Free Choice Mineral Supplement for All Classes of Goats and Sheep

GUARANTEED ANALYSIS

Calcium (Ca)	(min).....	9.5 %
Calcium (Ca)	(max).....	11.0 %
Phosphorus (P)	(min).....	9.5 %
Sodium (Na)	(min).....	3.9 %
Sodium (Na)	(max).....	4.4 %
Selenium (Se)	(min).....	2 PPM
Copper (Cu)	(min).....	30 PPM
Copper (Cu)	(max).....	50 PPM
Vitamin A	(min).....	300,000 IU/LB
Vitamin D ₃	(min).....	150,000 IU/LB
Vitamin E	(min).....	400 IU/LB

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Dicalcium Phosphate, Bentonite, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Sodium Bicarbonate, Calcium Carbonate, Magnesium Oxide, Potassium Chloride, Sulfur, Yeast Culture, Salt, Dried Lactobacillus Acidophilus Fermentation Product, Vitamin E Supplement, Manganese Oxide, Zinc Oxide, Organic Oat Groats, Vitamin A Acetate, Vitamin D3 Supplement, Diatomaceous Earth, Choline Chloride, Zinc Sulfate, Reed-Sedge Peat, Organic Linseed Meal, Magnesium Sulfate, Attapulgit Clay, Sodium Selenite, Ethylenediamine Dihydride, Organic Dried Kelp, Cobalt Carbonate, Sodium Aluminosilicate, Niacin, Copper Oxide, Iron Oxide, Ferrous Sulfate, Sodium Sulfate, Zinc Hydroxychloride, Ascorbic Acid, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Citric Acid, Folic Acid, Potassium Sulfate, Riboflavin, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Lecithin, Organic Barley, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

FEEDING DIRECTIONS:

Offer **Free Choice** separate from other parts of the ration.

Recommended rate of 2 ounces per head per day.

Note: Follow label directions.

Manufactured for:

Advanced Biological Concepts®
P.O. Box 27 • Osco, Illinois 61274-0027
Phone: 800-373-5971 • **Fax:** 888-770-0735
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Certified Organic by: ECOCERT ICO, LLC.

A070

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



VTM for Sheep and Goats

For Organic Sheep and Goat Production
Dietary Balancer Premix For All Sheep and Goats



GUARANTEED ANALYSIS

Calcium (Ca)	(min)	14.00 %	Selenium (Se)	(min)	1 PPM
Calcium (Ca)	(max)	15.00 %	Vitamin A	(min)	300,000 IU/LB
Phosphorus (P)	(min)	8.00 %	Vitamin D ₃	(min)	150,000 IU/LB
Sodium	(min)	1.50 %	Vitamin E	(min)	400 IU/LB
Sodium	(max)	2.00 %	Zinc	(min)	1500 PPM
Copper	(min)	80 PPM	Manganese	(min)	1500 PPM
Copper	(max)	90 PPM	Iodine	(min)	80 PPM

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.

INGREDIENTS:

Dicalcium Phosphate, Bentonite, Calcium Carbonate, Organic Dehydrated Alfalfa Meal, Sodium Bicarbonate, Magnesium Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Potassium Chloride, Sulfur, Organic Soybean Oil, Organic Oat Groats, Yeast Culture, Diatomaceous Earth, Salt, Reed-Sedge Peat, Organic Linseed Meal, Manganous Oxide, Attapulgitic Clay, Zinc Oxide, Vitamin E Supplement, Monosodium Phosphate, Choline Chloride, Organic Dried Kelp, Vitamin A Acetate, Vitamin D3 Supplement, Sodium Aluminosilicate, Zinc Sulfate, Manganese Sulfate, Ferrous Sulfate, Sodium Sulfate, Ethylenediamine Dihydriodide, Zinc Hydroxychloride, Niacin, Cobalt Carbonate, Ascorbic Acid, Manganese Hydroxychloride, Copper Oxide, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Iron Oxide, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Lecithin, Organic Barley, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS:

Inclusion at 30 lbs per ton of complete feed.

Typical Grain Mix:		Guaranteed Analysis:	
Corn	1070 lbs.	Protein	(min)----- 15.000 %
Barley	500 lbs.	Fat	(min)----- 6.000 %
Full Fat Soy	400 lbs.	Fiber	(max)----- 10.000 %
VTM for Sheep and Goats	30 lbs.	Calcium (Ca)	(min)----- 0.25 %
		Calcium (Ca)	(max)----- 0.30 %
		Phosphorus (P)	(min)----- 0.25 %

Note: Follow label directions; the addition to feed of higher levels of this premix containing selenium is prohibited.

THIS PRODUCT MEETS THE SPECIFICATIONS FOR NATURAL LIVESTOCK PRODUCERS

Manufactured for:

Advanced Biological Concepts®
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Certified Organic by: ECOCERT ICO, LLC.

FPD576-14

A214

Net Weight 30 Pounds (13.6 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.



Aloe Vera

Plus GARLIC & KELP

A NUTRITIONAL SUPPLEMENT



(Horses, Dairy Cattle and Calves, Beef Cattle and Calves, Swine, Goats and Sheep)

This statement has not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure, or prevent any disease.

GUARANTEED ANALYSIS

Crude Protein	(min)-----	15.0 %	Calcium (Ca)	(min) -----	1.6 %
Lysine	(min)-----	0.4 %	Calcium (Ca)	(max) -----	2.1 %
Crude Fat	(min)-----	3.5 %	Phosphorus (P)	(min) -----	3.0 %
Crude Fiber	(max) -----	10.0 %	Selenium (Se)	(min) -----	0.30 PPM
ADF	(max) -----	32.0 %	Zinc (Zn)	(min) -----	90.00 PPM

INGREDIENTS: Organic Dehydrated Alfalfa Meal, Dried Lactobacillus Acidophilus Fermentation Product, Reed-Sedge Peat, Organic Dried Kelp, Organic Soybean Oil, Attapulgit Clay, Organic Garlic, Organic Aloe Vera Gel Concentrate, Organic Oat Groats, Ascorbic Acid, Diatomaceous Earth, Organic Apple Cider Vinegar, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, Monosodium Phosphate, Bentonite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Vitamin E Supplement, Yeast Culture, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Organic Lecithin, Potassium Chloride, Manganese Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Organic Cumin, Pyridoxine Hydrochloride, Organic Cloves, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Organic Dandelion, Ethylenediamine Dihydride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Peppermint, Organic Calendula, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS: (4 oz. Scoop Included)

Top dress or add to feed / TMR as a supportive dietary supplement during times of **increased nutritional need**.

Dairy Cattle

Freshening: For 3 to 5 days pre-freshening, 14 days post-freshening, feed 4 to 16 ounces per head per day as needed.

Dry Cows: 4 ounces per head per day as long as needed.

Transitioning: 4 to 16 ounces per head per day as needed.

Beef Cattle

Receiving: 8 ounces per head per day for 14 days.

Calves

Introduction to Dry Feed: Top dress 2 to 4 ounces per head per day as needed.

Weaning: 2 to 4 ounces per head per day, 3 days pre-wean and 14 Days post-wean as needed.

Moving Calves: 2 ounces per head per day 3 days prior to moving and 14 days after moving.

Reduced Feed Intake: 2 to 6 ounces per head per day as needed.

Swine

Increased Nutritional Needs: 25 - 50 pounds per ton as needed.

Horses

Transitioning: 4 to 8 ounces per head per day as needed.

Other Livestock

Increased Nutritional Needs: 1 to 2 ounces per 100 pounds of body weight as needed.

Manufactured for:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

Phone: 800-373-5971 • Fax: 888-770-0735

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Certified Organic by: ECOCERT ICO, LLC.



Made in the U.S.A.

FPD386-21

NET WEIGHT 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

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A018

Nature to the Rescue!

How Can Aloe Vera Plus Garlic & Kelp Help Your Animals?

The concentrated benefits of **Aloe Vera**, **Garlic**, and **Kelp** are carried in an alfalfa-based pellet. The pellets are made using a cold-pelleting process, so enzymes are preserved.

Aloe Vera's effect on the animal's immune system starts with the digestive system. If the digestive system is not working properly, then the body's immune system becomes overwhelmed due to waste build up, allowing bacteria and viruses to become more prevalent, causing inflammation to set in, joints to become affected, and the circulatory system to be compromised.

Feeding **Aloe Vera** may help prevent some of the problems associated with these kinds of issues; in turn, **helping the body heal itself**.

Garlic is traditionally used for worm and other parasites and has the ability to deter biting flies. Rich in sulfur, once ingested, **garlic will cleanse the blood** and then be excreted through the pores of the skin where sulfur compounds are mildly noxious to parasites. **Garlic** is also ideal for respiratory disorders due to its expectorant qualities and is one of the best herbs to prevent and fight infections.

Kelp is a source of trace minerals, and **Cumin** is added for its additional health benefits.

Benefits of Aloe Vera:

- Helps treat ulcer disease, **normalizing acid levels in the stomach**.
- Forms a lining throughout the colon to aid against toxic waste in the body.
- **Strengthens the immune system** - Forms a barrier against microbial invasion (viruses).
- Facilitates the absorption of water and nutrients in the digestive system.
- Provides the raw material critical for **lubrication of the joints**.
- Has **natural healing and detoxifying powers**, and helps break down food.
- Helps sore and stressed muscles recover faster.

Benefits of Garlic:

- **Insect repelling qualities**.
- "Natural MSM" - contains sulfur compounds.
- Natural antioxidant.
- **Antibacterial**, helps fight infection.
- Antiviral, antifungal and anti-parasitic.
- **Helps build a healthy immune system**.
- Inhibits the growth of cancer cells.
- Aids in **circulation**.
- Helps to relieve inflammation of intestines.

Benefits of Cumin:

- **Antioxidant and anti-inflammatory**.
- **Aids in diarrhea**.
- **Stimulates appetite** and digestion.



D.U.A. W.T.™

Water Additive for All Classes of Livestock and Poultry

INGREDIENTS:

Liquid Lactobacillus Acidophilus Fermentation Product, Organic Apple Cider Vinegar, Copper Sulfate, Citric Acid, Hydrogen Peroxide, Purified Water, Organic Garlic Extract, Organic Eucalyptus Globulus Oil.

DIRECTIONS:

Maintenance: 1 ounce per 128 gallons of water.

Dairy and Beef: Initial 3-5 days: 2 ounces per 128 gallons of water.

Pigs and Calves: Birth to Weaning: 2 cc per gallon milk replacer.

Weaned Pigs to Market: Initial 5 days: 2 ounces per 128 gallons of water.

Incoming / Sick Pen Cattle: 3-5 days: 2 ounces per 128 gallons of water.

Poultry: First 5 days in Brooder & 3-5 days after each move: 2 ounces per 128 gallons of water.

Manufactured for:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

Phone: 800-373-5971 • Fax: 888-770-0735

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A071

Disclaimer: Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of protocol that we are not aware of.

1 Gallon (3.79 Liters)

FPD477-11



MOP

Dietary Supplement for All Classes of Ruminants and Equine

Cation (+) and Anion (-) Charged Balanced Mineral Supplement also Fortified with Enzymes



GUARANTEED ANALYSIS

Crude Protein	(min) -----	1.25 %	Calcium (Ca)	(min) -----	1.80 %
Crude Fat	(min) -----	0.50 %	Calcium (Ca)	(max) -----	2.30 %
Crude Fiber	(max) -----	24.00 %			

INGREDIENT STATEMENT

This product contains only certified organic agricultural products or ingredients that conform to the NOP's national list of materials acceptable for organic livestock production.™

INGREDIENTS:

Diatomaceous Earth, Attapulgite Clay, Reed-Sedge Peat, Sodium Aluminosilicate, Dried Lactobacillus Acidophilus Fermentation Product, Organic Oat Groats, Calcium Carbonate, Organic Dandelion, Organic Linseed Meal, Dicalcium Phosphate, Organic Dehydrated Alfalfa Meal, Monosodium Phosphate, Organic Althea Root, Organic Dried Kelp, Bentonite, Organic Licorice, Salt, Choline Chloride, Magnesium Oxide, Organic Calendula, Yeast Culture, Ferrous Sulfate, Zinc Sulfate, Sodium Sulfate, Potassium Chloride, Manganous Oxide, Zinc Hydroxychloride, Ascorbic Acid, Vitamin E Supplement, Manganese Hydroxychloride, Manganese Sulfate, Basic Copper Chloride, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Citric Acid, Folic Acid, Potassium Sulfate, Magnesium Sulfate, Riboflavin, Vitamin A Acetate, Organic Apple Cider Vinegar, Copper Sulfate, Organic Feed Grade Dried Milk, Calcium Pantothenate, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Organic Lecithin, Organic Barley, Vitamin D3 Supplement, Cobalt Sulfate, Beta-Carotene, Calcium Hydroxide, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Ethylenediamine Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Ginger, Organic Coconut Oil, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Cobalt Carbonate, Organic Papain, Organic Basil, Organic Violet Leaves, Organic Coconut Flour, Organic Juniper Berries.

DIRECTIONS for Beef and Dairy: 2 oz (60 cc) Scoop Included

Offer Free Choice separate from other parts of the ration.

Top Dress: 1 to 4 scoops per head per day. **Drench:** 2 scoops mixed with a minimum of 1 pint of water.

DIRECTIONS for Equine: 2 oz (60 cc) Scoop Included

Offer Free Choice separate from other parts of the ration.

MOP may be top dressed at the rate of 1 scoop per day for 30 days.

For loose stools, MOP may be top dressed at the rate of 1 to 4 scoops daily until normal.

Diatomaceous Earth does not exceed 2% of total ration.

Certified Organic by: ECOCERT ICO, LLC.

Net Weight 25 Pounds (11.36 kg)

A096

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

FPD54-36



PRO BI™

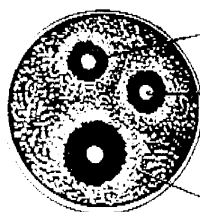
Microbial Benefits

PRO BI™ is a biological feed additive designed to maximize digestive efficiency. An animal's beneficial intestinal bacteria can be destroyed or depleted and the pH of their environment can be altered during times of stress. Competition, travel, breeding, treatment with antibiotics, de-wormers, and other medications can cause this stress. Stress can also be created by alterations of weather, environment, feed, and water.

INGREDIENTS: Water, Liquid Lactobacillus Acidophilus Fermentation Product, Yucca Schidigera Extract, Organic Aloe Vera Gel Concentrate, Lactic Acid, Organic Coconut Oil, Organic Barley Hulls, Salt, Yeast Culture, Organic Ginger, Organic Peppermint, Organic Sweet Orange Peel, Organic Dandelion, Organic Violet Leaves, Organic Gentian Root.

In Antibiosis studies, **PRO BI™** exhibited a retardation of the normal development cycle of these pathogenic organisms.

Petri Dish



Measurable Zone of Inhibition

Colony of active ingredients in **PRO BI™**

E. Coli

Inhibition Level

	Moderate 12 to 14 mm	Strong 15 to 19 mm	Very Strong 20 mm
Acinetobacter sp.	16 mm		
Salmonella enteritidis	16 mm		
Serratia marcescens	16 mm		
Staphylococcus aureus	16 mm		
Streptococcus pyogenes	16 mm		
Proteus sp.		17 mm	
Pseudomonas aeruginosa		17 mm	
Salmonella newport		17 mm	
Salmonella schottmuelleri		18 mm	
Salmonella typhimurium ATCC 13311		18 mm	
Shigella dysenteriae		18 mm	
E. coli		18 mm	
Klebsiella pneumoniae ATCC 13886		19 mm	
Salmonella choleraesuis			19 mm
Salmonella typhi			19 mm
Streptococcus equinus			19 mm
Bacillus subtilis 1A43 "Upjohn Strain"			20 mm
Streptococcus bovis			21 mm
Clostridium perfringens			22 mm
Sarcina Lutea			22 mm
Corynebacterium sp.			22 mm



PRO BI™

Microbial Benefits

Research has proven that there are two basic types of microorganisms. The majority are beneficial or good bacteria, and the others are pathogenic or bad bacteria. **THE KEY IS BALANCE** of good and bad bacteria. When proper balance is maintained, an animal is healthy, grows at a good rate and converts feedstuffs efficiently. Animals become ill when balance is upset due to stress or other factors. Feed conversion and animal health can decline.

Knowing this balance is important, companies started providing direct-fed microbial (pure cultures). The purpose was to give high levels of healthy or good bacteria to prevent the bad bacteria from taking over the system. This has led to a numbers contest where producers buy high concentrations of good bacteria. Lactobacillus Acidophilus is one of the most common. When we examine how these microorganisms function, we find some interesting points. Lactobacillus Acidophilus does not attack bad bacteria. It is a Probiotic that competes for space. Once established, it develops a zone around itself where pathogenic (bad bacteria) do not grow. This area is called the “zone of inhibition,” and it prevents the growth and development of pathogens. **PRO BI™** provides these properties, which is why **PRO BI™** functions without live organisms.

PRO BI™, in final form, is not a source of live organisms. However, it does supply the by-products they produce. The active ingredients in **PRO BI™** retard the growth of 22 pathogenic organisms. **PRO BI™** provides the benefits obtained from live cultures without the problems and concerns of using pure cultures.

The Digestive Tract First-Aid Kit

NEVER BE WITHOUT IT!

When and How to Use **PRO BI™**:

Swine: Baby Pigs: 1 cc (ml) twice daily syringed or 2 cc (ml) per gallon of milk replacer.

Cows: 30 cc (ml) daily on feed, tubed or syringed orally. **Calves:** Administer 10 cc (ml) shortly after birth.

Receiving or Calves with reduced feed intake: 10 cc (ml) daily for 7 days on feed or syringed orally. **Maintenance for Calves:** 5 cc (ml) daily on feed as needed.

PRO BI™ may be used with milk replacer as indicated below:

Receiving: 2 cc (ml) per calf per day for 7 days.

Maintenance: 1 cc (ml) per calf per day.

Note: Can be syringed, if needed. (Can be used with veal calves.)

Call 1-800-373-5971 for complete instructions on administration for all livestock.

Allow 60-90 minutes after any medication before administering PRO BI.

(1 oz = 30 ml)

PRO BI - 1 Gallon Item Number: A117 (768 doses)

PRO BI - 16 Oz Item Number: A118 (96 doses)

(1 dose = 5cc per day)





Organic Dried Kelp



Dried Kelp (Seaweed)

Nutritional Supplement for All Classes of Livestock and Equine



GUARANTEED ANALYSIS

Crude Protein	(min).....	4.00 %	Potassium (K)	(min).....	2.00 %
Crude Fiber	(max).....	8.00 %	Salt (NaCl)	(min).....	3.50 %
Calcium (Ca)	(min).....	1.50 %	Salt (NaCl)	(max).....	9.00 %
Calcium (Ca)	(max).....	2.00 %	Iodine (I)	(min).....	0.05 %
Phosphorus (P)	(min).....	0.10 %	Iodine (I)	(max).....	0.08 %

INGREDIENTS: Organic Dried Kelp

DIRECTIONS: Offer **FREE CHOICE** if possible, or follow the directions below. (2 oz scoop is enclosed.)

Adult Dairy Cattle: Top dress 6-8 oz. per head per day for the first 30 days. Alternately, mix 50-100 lbs per ton for the first 30 days. Amount used may be decreased by 50% after 30 days.

Beef Cattle: Offer free choice. Also individually offer white salt and a calcium phosphate mineral mix.

Heifers: Offer free choice 90 days prior to breeding, or top dress at least 4 oz. per head per day for this pre-breeding period.

Calves: 2 oz. per head per day

Horses: 1-2 oz. per head per day

Swine: Add 50 lbs per ton of complete feed ration.

Manufactured for:

Advanced Biological Concepts®

P.O. Box 27 • Osco, Illinois 61274-0027

Phone: 800-373-5971 • Fax: 888-770-0735

jgh@a-b-c-plus.com • www.abcpus.biz

Certified Organic by: ECOCERT ICO, LLC.

NOTE: Offer Free Choice white salt along with all ABC Free Choice products.

A232

Net Weight 25 lbs (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. Advanced Biological Concepts® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

PD1594

Sizes Available:

Dried Kelp (Seaweed) Organic - 25 lb Bag

Item Number: A232

Dried Kelp (Seaweed) Organic - 5 lb Bag

Item Number: P020

Notes:

Notes:

Advanced Biological Concepts® Free Choice Mineral Program

History of ABC's Mineral Program

Dr. William Albrecht of the University of Missouri is reputed to have been the first scientist to propose that animals have the ability to choose plants with good mineralization over those with poor nutrition. Albrecht's work was the inspiration for Talbot and Carlson to develop the free choice mineral program.

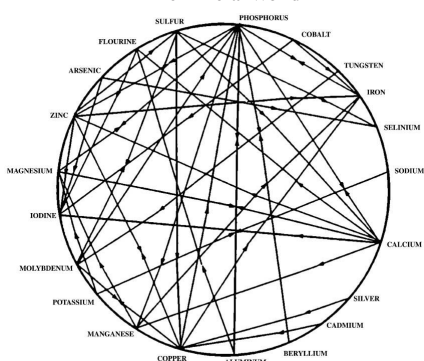


Tully Talbot of Talbot-Carlson, Inc., and Bill Johnson were pioneers in marketing the individual free choice mineral program. In 1972, Bill Johnson started working for Tully's company, TCI. In the 1980's, Bill worked to introduce the self-regulated mineral concept to mega-dairies in California. In 1987, Bill moved back to Iowa, and when Tully Talbot passed away, TCI was dissolved. A few years later, Bill resurrected the individual free choice mineral program and continued to refine the technology under the logo of IDM. Advanced Biological Concepts began manufacturing the minerals for IDM, and when Bill retired, Advanced Biological Concepts purchased IDM. The Free Choice Mineral mixes are still manufactured and sold today at ABC.

Free Choice ABC Mineral Products Have No Flavoring or Limiting Agents Added

The **ABC Free Choice Mineral Program** is designed to allow the animal to use its natural, instinctive selective ability to satisfy nutrient requirements with specific reference to minerals and vitamins. Contrary to the thoughts of some individuals, selective breeding has not reduced the ability of the animal to select those nutrients necessary for its well-being, any more than selective breeding has reduced the sex drive, or reduced the need of the animal to consume nutrients such as energy or protein. Animals do select needed minerals and vitamins from the ABC Mineral Program in proportion to the palatability (solubility) of the individual compounds used in the formulation of the various ABC mineral products. Advanced Biological Concepts therefore, must use quality products that will be soluble in the mouth of the animal so that the taste bud system, which is triggered by deficiencies of nutrients in the tissue of the animal and more specifically the blood, will recognize the nutrients by its own merits rather than by a flavoring agent which may have been added to the compound. **We do not use any flavoring agents to entice the animal to consume the minerals**, other than the taste of the mineral itself in soluble form.

The Mineral World

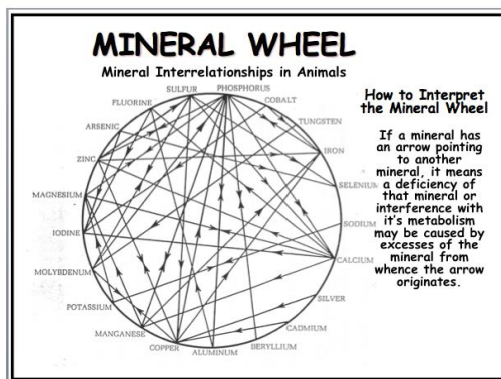


The major benefit of **ABC's Free Choice Mineral Program** is that it not only allows the animal to satisfy mineral deficiencies of the present ration, but it also allows the animal to consume additional minerals, as necessary, to satisfy tissue deficiencies caused by previously unbalanced rations.

This results in the consumption of some of the minerals at times in amounts that are considered by some people to be more than the needs of a given ration. When offering nutrients on a separate and free choice basis, such as with the **ABC Free Choice Mineral Program**, it must be clearly understood that animals will satisfy total nutrient needs. Consequently, the animal may need to consume additional amounts of the particular mineral in question until its tissue deficiencies are adequately satisfied. At that time the animal will then continue to consume only the amounts of the individual minerals that are necessary to satisfy deficiencies of the present ration, changing its consumption from the Free Choice Mineral Program in proportion to rations with little or no consideration to the previous history of the animal.

Scientific research has proven time and again that various mineral deficiencies within the physiological system of the animal are the ones that in reality prevent the animal from producing and or reproducing to optimum. The **ABC Free Choice Mineral Program** allows the animal to both satisfy these physiological needs and satisfy deficiencies of the present ration.

Advanced Biological Concepts is very aware of the importance of the interrelationship of the tremendous number of mineral elements. Many feedstuffs contain excesses of some mineral elements that seem to be considered by some to be of no consequence. Nothing could be further from the truth. If we consider simply the Ca:P ratio, then a ration that contains 1% calcium will cause the animal to consume quantities of phosphorus from the ABC Mineral Program in amounts that would be considered by some to be excessive. But if we consider that the animal's physiological system functions best with a proper ratio, then it becomes logical that the animal will consume amounts of phosphorus necessary to attempt to provide its system with that proper ratio. Genetic selection has created animals with different mineral needs than those currently published in nutrition requirement charts. A self-regulated mineral program provides a more accurate mineral balance to range animals in the multitude of various soil types, climatic conditions, and animal genetics.



Healthy animals are more productive. Even in the present economic circumstances, the **ABC Free Choice Mineral Program** pays:

1. By supplying the necessary mineral elements to better balance the ration so that it can be digested more efficiently.
2. By allowing the animal to be in better physiological condition so that it will be more productive and/or reproductive.
3. By not forcing unnecessary and unneeded minerals into any animal.
4. Because as ration quality changes, due to either changing feedstuffs or changing climatic conditions, the animal can adjust its mineral intake to maintain a balanced diet.
5. By allowing individual animals to selectively satisfy individual needs, which is not possible with a mixed or force-fed mineral program.

The end result is improved health, which allows the animal to better produce to its genetic potential. **THE ABC MINERAL PROGRAM PROMOTES IMPROVED HEALTH.**

Index

<u>Item</u>	<u>Page</u>	<u>Item</u>	<u>Page</u>
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Dairy 1:1 Mineral Plus - A315	Pg. 18	12 Mineral Kit - A181	Pg. 9
Dairy 2:1 Mineral Plus - A316	Pg. 19	15 Mineral Kit - P100	Pg. 9
Dairy HI PHOS Mineral Plus - A317	Pg. 20	40 Bag Free Choice Pallet - A187	Pg. 9
		80 Bag Free Choice Pallet - A190	Pg. 9
<u>FREE CHOICE FOR BEEF</u>			
Beef 1:1 Mineral Plus - A312	Pg. 21		
Beef 2:1 Mineral Plus - A313	Pg. 22		
Beef HI PHOS Mineral Plus - A314	Pg. 23		
<u>INDIVIDUAL FREE CHOICE MINERALS</u>			
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Organic BVC Mix (B Complex Vitamin) - A144	Pg. 10		
Organic Buffer Plus (Buffer) - A143	Pg. 11		
Organic C-Mix (Calcium) - A145	Pg. 11		
Organic Cu-Mix (Copper) - A146	Pg. 12		
Organic 2% I Mix (Iodine) - A141	Pg. 12		
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Organic M-Mix (Magnesium) - A150	Pg. 13		
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Organic TS K-Mix (Trace Min. Plus Selenium) - A154	Pg. 15		
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Organic KLNZ Mix - A148	Pg. 16		
Organic SE Top Choice Mix for Beef and Equine (Selenium) - A152	Pg. 16		
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Organic SE Top Choice Mix for Sheep and Goats (Selenium) - A344	Pg. 16		
<u>VITAMINS, MINERALS, AND SUPPLEMENTS</u>			
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Dried Kelp (Seaweed) Organic - A232	Pg. 32		
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VTM for Sheep and Goats - A214	Pg. 26		

(Item prices and/or sizes are subject to change without notice) (Catalog Effective November 2020)

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Shipping Methods

UPS Ground

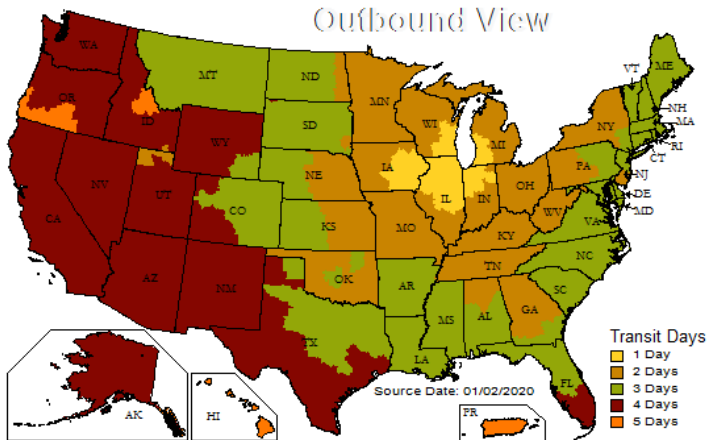
Outbound View

Transit Times

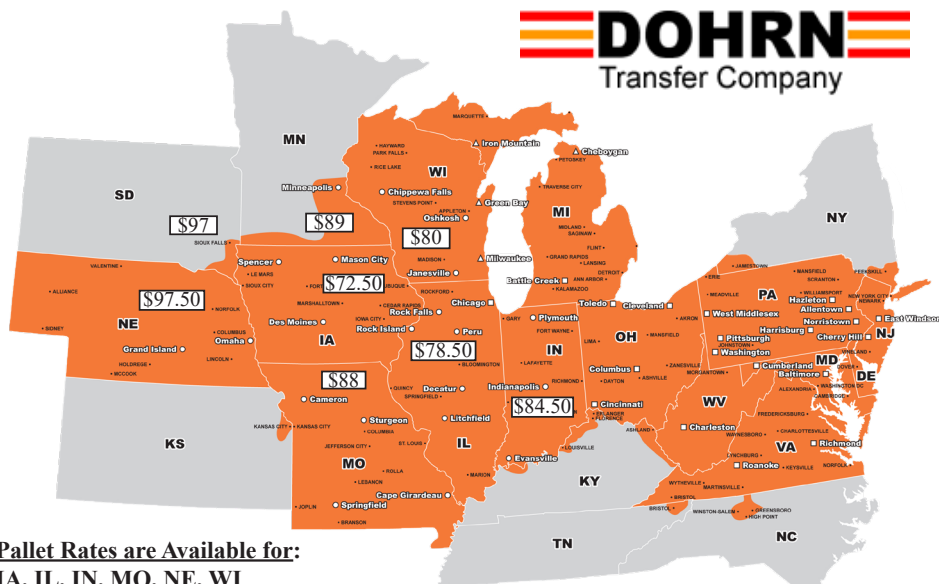
* In-Stock orders will ship by the next business day.

* Transit times are estimated by UPS.

* Price is based on weight and destination.



Dohrn's Pallet Program



Pallet Rates are Available for:
IA, IL, IN, MO, NE, WI
and shaded areas of MN and SD.

- Pricing on map is "per pallet."
- Pallets are 48" W x 48" L
- Pallet program **Base price** is shown.
- Additional Fuel Surcharge is added to this price.
- Minimum charge of \$25 is added for residential and farm deliveries.

Areas shaded in orange are direct shipment areas.

Additional Charges for add on services:

- Lift-gate
- Farm Delivery
- Notification prior to Delivery

Rules are charges are subject to change without prior notice.

Holland's Pallet Program

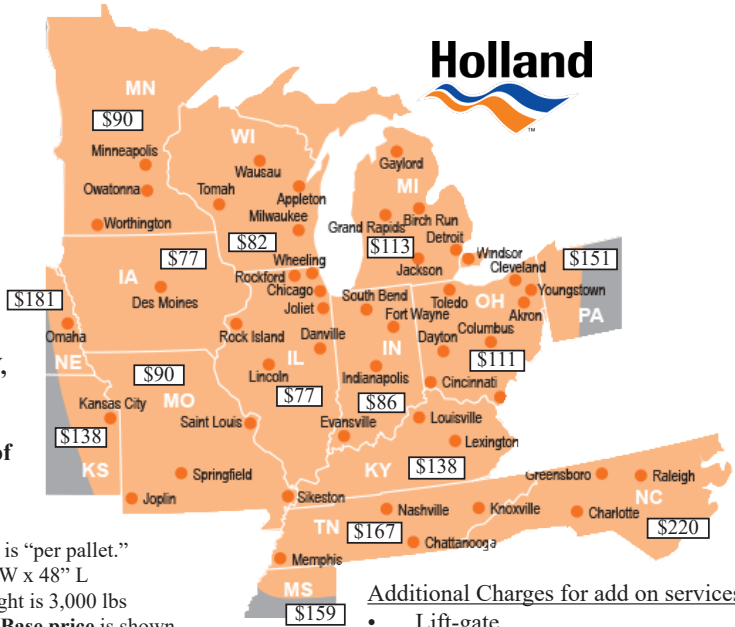


Areas shaded in orange are direct shipment areas.

Pallet Rates are

Available for:

IA, IL, IN, KS, KY, MI, MN, MO, NC, OH, TN, WI and shaded areas of MS, NE, and PA.



- Pricing on map is "per pallet."
- Pallets are 48" W x 48" L
- Max pallet weight is 3,000 lbs
- Pallet program **Base price** is shown.
- Additional Fuel Surcharge is added to this price.

Additional Charges for add on services:

- Lift-gate

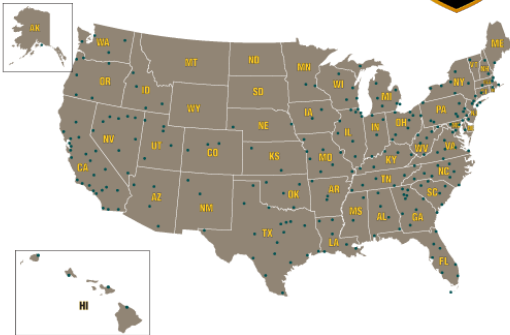
Rules are charges are subject to change without prior notice.

UPS Freight



Shipping with these carriers is available throughout the U.S.

Rates are calculated with our discount, and are based on Quantity and Location.



R+L Carriers



Orders 500 lbs or greater are eligible for pallet shipments.

Once your order is placed, we will determine the shipping carrier based on the least expensive method available to your area.

From Advanced Biological Concepts® Founder:

“We have always applied common sense to animal health by reducing obvious stresses and supplying the body with what it needs to repair and protect itself. We concentrate on the cause of a disease, not the symptom, and strive for maximum animal health with natural organic nutrients. Each individual farm within itself is a research farm, and we have over 45 years of research on thousands of farms. Results are the reasons we are in business today and will be tomorrow. We are looking forward to serving you so that animal husbandry is enjoyable and profitable. Try our products and observe the difference.”

Jim

**For Ordering and Information
Call and Talk With Our Service
Representatives**

800-373-5971



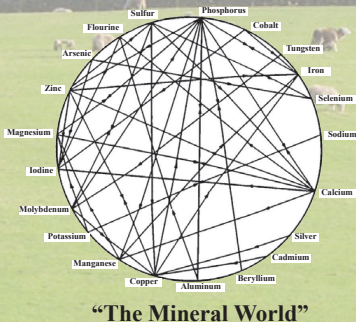
www.abcplus.biz

www.abcplus.biz

Minerals are Team Players

Minerals work together as a “team” in the body. Any change to one element affects at least 2 more, and each of those affects 2 more, and so on.

- What would happen if you pulled a couple of members from a baseball or basketball team?
- What would it sound like if you silenced every 12th instrument of a concert orchestra, or every 12th singer in a choir?



What happens to animals when they do not have the 12 or 15 member mineral and vitamin team available to them?

Go Team!

**Organic Free Choice Minerals and Feeders
available from Advanced Biological Concepts®**

