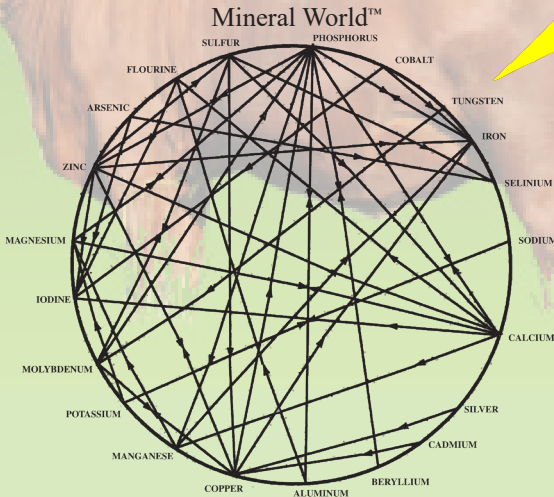
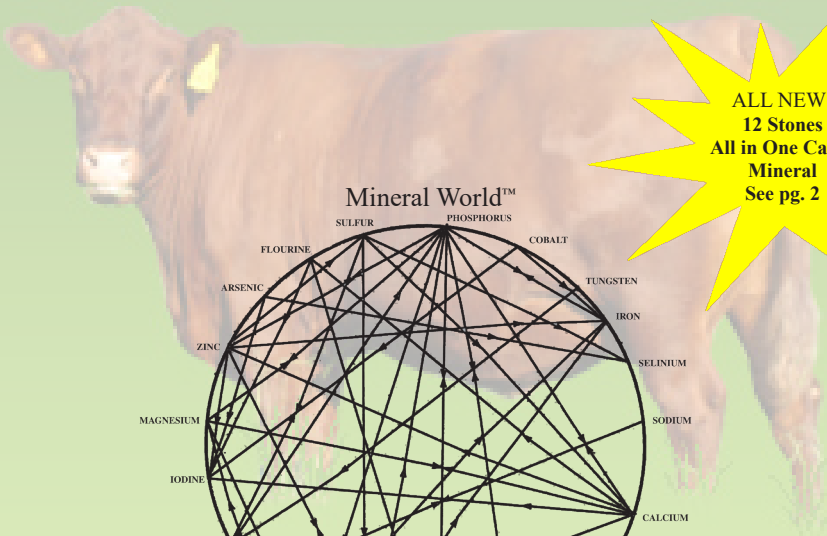


# 12 Stones Grassland Beef®

“Committed to Excellence”

12 Stones Grassland Beef® is a vertically integrated production, management and marketing company for the production of gourmet Grassfed Beef.



Certified Organic  
FREE CHOICE MINERALS



VISIT OUR NEW WEBSITE!

[www.12stonesgrasslandbeef.net](http://www.12stonesgrasslandbeef.net)

P.O. Box 27 • Osco, Illinois 61274-0027  
(USA) 800-373-5971 (Local) 309-714-8789 • (Fax) 888-770-0735  
12stonesgrasslandbeef@gmail.com • [www.12stonesgrasslandbeef.net](http://www.12stonesgrasslandbeef.net)

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# Why Have Supplements For Grass Fed Cattle?

**12 Stones Grassland Beef®** and **Advanced Biological Concepts®** have teamed up to supply nutritional tools for the grass cattle industry to maximize animal health and forage utilization. It is our goal to provide help when the restricted environment does not supply what an unrestricted grazing environment could for a complete nutritional profile. Soil and forage management are making great advances and are a primary way to achieve your grass management goals. Our goal is to provide tools that we have found to be needed to overcome adversity that is a normal part of life and nature. Animal health and nutrient dense food need not be compromised because of that adversity. Our products are grass based and all ingredients fit the natural grass source nutritional standards for grass finished beef.

Beef cattle are starvation resistant animals that have been a tool to market by-products and waste for years. The move toward grass finished beef has been motivated by nutritional research clearly defining differences in biochemical composition of meat based on nutrition and management. Our goal is to assure the nutrient density of grass fed beef is all that it can and should be despite fluctuations in environmental conditions. A healthy, pleasurable eating experience is critical for the grass finishing industry to assume its rightful role in American Agriculture.

# All In One Mineral for Beef and Dairy Cattle

## NOW AVAILABLE!

### 12 Stones All in One Cattle Mineral



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

#### GUARANTEED ANALYSIS

Calcium (Ca) (min).....	7.0 %	Sulfur (S) (min).....	2.0 %
Calcium (Ca) (max).....	8.0 %	Iodine (I) (min).....	100 PPM
Phosphorus (P) (min).....	7.0 %	Selenium (Se) (min).....	5 PPM
Sodium (Na) (min).....	2.0 %	Vitamin A (min).....	300,000 IU/LB
Sodium (Na) (max).....	2.5 %	Vitamin D <sub>3</sub> (min).....	150,000 IU/LB
Magnesium (Mg) (min).....	0.3 %	Vitamin E (min).....	400 IU/LB
Potassium (K) (min).....	1.0 %		

#### INGREDIENTS:

Dicalcium Phosphate, Organic Dehydrated Alfalfa Meal, Organic Dried Kelp, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Bentonite, Monosodium Phosphate, Reed-Sedge Peat, Sodium Bicarbonate, Organic Sugarcane Molasses, Sulfur, Calcium Carbonate, Zinc Sulfate, Attapulgitic Clay, Magnesium Sulfate, Manganese Sulfate, Copper Sulfate, Yeast Culture, Potassium Chloride, Ferrous Sulfate, Organic Linseed Meal, Vitamin E Supplement, Vitamin A Acetate, Vitamin D3 Supplement, Sodium Selenite, Sodium Aluminosilicate, Salt, Choline Chloride, Magnesium Oxide, Ethylenediamine Dihydrochloride, Sodium Sulfate, Ascorbic Acid, Niacin, Manganese Oxide, Zinc Hydroxychloride, Manganese Hydroxychloride, Basic Copper Chloride, Cobalt Carbonate, Organic Garlic, Organic Fenugreek, Citric Acid, Organic Lecithin, Folic Acid, Potassium Sulfate, Riboflavin, 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, Organic 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 Beef:

Offer Free Choice or Add Mix 4 ounces per head per day.

#### DIRECTIONS for Dairy:

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:

**12 Stones Grassland Beef®**

PO Box 27 • Osco, Illinois 61274-0027

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Certified Organic by: ECOCERT SA

PDG41-12

## B041

**Net Weight 25 Pounds (11.36 kg)**

*Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef® accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.*

# 12 Stones All in One Cattle Mineral - 25 lb Bag

## Item no. B041

# 12 Stones A-Mix



Free Choice Mineral Supplement for all Classes of Beef

### 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 <sub>3</sub> (min)-----	700,000 IU/LB
Phosphorus (P) (min)-----	0.10 %	Vitamin E (min)-----	750 IU/LB

### 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 Linsed Meal, Dicalcium Phosphate, Calcium Carbonate, Attapulgit 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, Manganese 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 Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Organic 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.

**THIS PRODUCT MEETS THE SPECIFICATIONS FOR  
NATURAL LIVESTOCK PRODUCERS.**

#### Manufactured For:

**12 Stones Grassland Beef®**

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

(USA) 800-373-5971 (Local) 309-714-8789 • (Fax) 888-770-0735

12stonesgrasslandbeef@gmail.com • www.12stonesgrasslandbeef.net

Certified Organic by: ECOCERT SA

**B016**

**Net Weight 25 Pounds (11.36 kg)**

PDG1-18

*Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.*

# 12 Stones BVC-Mix



Free Choice Mineral Supplement for all Classes of Beef

### GUARANTEED ANALYSIS

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

### 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 Linsed Meal, Dicalcium Phosphate, Attapulgit 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, Manganese 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 Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Organic 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.

**THIS PRODUCT MEETS THE SPECIFICATIONS FOR  
NATURAL LIVESTOCK PRODUCERS.**

#### Manufactured For:

**12 Stones Grassland Beef®**

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

(USA) 800-373-5971 (Local) 309-714-8789 • (Fax) 888-770-0735

12stonesgrasslandbeef@gmail.com • www.12stonesgrasslandbeef.net

Certified Organic by: ECOCERT SA

**B013**

**Net Weight 25 Pounds (11.36 kg)**

*Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.*

PDG10-18

# 12 Stones Buffer Plus



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

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

### INGREDIENTS:

Sodium Bicarbonate, Salt, Calcium Carbonate, Organic Dehydrated Alfalfa Meal, Magnesium Oxide, Potassium Chloride, Sodium Aluminosilicate, Yeast Culture, Niacin, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgitte Clay, Monosodium Phosphate, Organic Dried Kelp, Bentonite, 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 Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Organic Yucca Schidigera Extract, Organic Horseandish, 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.

**THIS PRODUCT MEETS THE SPECIFICATIONS FOR  
NATURAL LIVESTOCK PRODUCERS.**

Manufactured For:

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Certified Organic by: ECOCERT SA

## B010

**Net Weight 25 Pounds (11.36 kg)**

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PDG6-19

# 12 Stones C-Mix



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

Calcium (Ca) (min)-----	22.00 %	Calcium (Ca) (max)-----	26.00 %	Vitamin D <sub>3</sub> (min) ----	60,000 IU/LB
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### 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, Attapulgitte 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 Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Organic Yucca Schidigera Extract, Organic Horseandish, 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:

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

**THIS PRODUCT MEETS THE SPECIFICATIONS  
FOR NATURAL LIVESTOCK PRODUCERS.**

Manufactured For:

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Certified Organic by: ECOCERT SA

## B012

**Net Weight 25 Pounds (11.36 kg)**

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PDG4-17



# 12 Stones Cu-Mix



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

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

## 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 Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Organic 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.

**THIS PRODUCT MEETS THE SPECIFICATIONS FOR  
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### Manufactured For:

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Certified Organic by: EOCERT SA

# B014

**Net Weight 25 Pounds (11.36 kg)**

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PDG11-19

# 12 Stones 2% I-Mix



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

Salt (NaCl) (min)----- 85.00 %      Salt (NaCl) (max)----- 90.00 %      Iodine (I) (min)----- 2.00 %

## INGREDIENTS:

Salt, Ethylenediamine Dihydrochloride, 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, Organic 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:

Mix 1 3/4 lbs. of 12 Stones 2% I-Mix with 100 lbs. of feeding salt, then free choice not to exceed 1 oz/head/day.

**THIS PRODUCT MEETS THE SPECIFICATIONS FOR  
NATURAL LIVESTOCK PRODUCERS.**

### Manufactured For:

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Certified Organic by: EOCERT SA

# B009

**Net Weight 25 Pounds (11.36 kg)**

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PDG2-20

# 12 Stones K-Mix



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

Sodium (Na) (min) ----- 5.0 %

Sodium (Na) (max) ----- 6.0 %

Potassium (K) (min) ----- 31.0 %

### INGREDIENTS:

Potassium Chloride, Sodium Bicarbonate, Organic Dehydrated Alfalfa Meal, Diatomaceous Earth, Dried Lactobacillus Acidophilus Fermentation Product, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgitic 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, Manganous 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 Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Organic Yucca Schidigera Extract, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Elder Flowers, 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.

**THIS PRODUCT MEETS THE SPECIFICATIONS FOR NATURAL LIVESTOCK PRODUCERS.**

Manufactured For:

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Certified Organic by: ECOCERT SA

PGD7-16

## B015

**Net Weight 25 Pounds (11.36 kg)**

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# 12 Stones M-Mix



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

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

### 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, Attapulgitic 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, Manganous 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 Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Organic 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.

**THIS PRODUCT MEETS THE SPECIFICATIONS FOR NATURAL LIVESTOCK PRODUCERS.**

Manufactured For:

**12 Stones Grassland Beef®**

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

(USA) 800-373-5971 • (Local) 309-714-8789 • (Fax) 888-770-0735

12stonesgrasslandbeef@gmail.com • www.12stonesgrasslandbeef.net

Certified Organic by: ECOCERT SA

**Net Weight 25 Pounds (11.36 kg)**

## B005

*Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.*

PGD5-15

# 12 Stones P-Mix



Free Choice Mineral Supplement for all Classes of Beef

## 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 %		

### 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, Attapulgitic 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, Manganous Hydroxychloride, Organic Lecithin, 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, Organic 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:** Offer **Free Choice** separate from other parts of the ration.

THIS PRODUCT MEETS THE SPECIFICATIONS FOR NATURAL LIVESTOCK PRODUCERS.

### Manufactured For:

**12 Stones Grassland Beef®**

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Certified Organic by: EOCERT SA

PDG3-16

**B006**

**Net Weight 25 Pounds (11.36 kg)**

*Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.*

# 12 Stones S-Mix



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

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

### 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, Attapulgitic 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 Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Organic 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.

THIS PRODUCT MEETS THE SPECIFICATIONS FOR NATURAL LIVESTOCK PRODUCERS.

### Manufactured For:

**12 Stones Grassland Beef®**

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Certified Organic by: EOCERT SA

PDG8-19

**B007**

**Net Weight 25 Pounds (11.36 kg)**

*Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.*



# 12 Stones SE Top Choice Mix



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

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

### 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, Attapulgite 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, 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 Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Allthear Root, Organic Dried Tomato Pomace, Organic 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:** Free Choice not to exceed 0.3 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!

Manufactured For:  
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THIS PRODUCT MEETS THE SPECIFICATIONS FOR  
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PDG15-19

# B011

Certified Organic by: ECOCERT SA

Net Weight 25 Pounds (11.36 kg)

*Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.*

# 12 Stones Ts K-Mix



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

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

### INGREDIENTS:

Salt, Calcium Carbonate, Organic Dried Kelp, Organic Dehydrated Alfalfa Meal, Manganese Sulfate, Magnesium Sulfate, Zinc Sulfate, Sodium Aluminosilicate, Copper Sulfate, Copper Oxide, Zinc Oxide, Dried Lactobacillus Acidophilus Fermentation Product, Diatomaceous Earth, Sodium Selenite, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Attapulgite Clay, Monosodium Phosphate, Vitamin D3 Supplement, Ethylenediamine Dihydrochloride, Bentonite, Cobalt Carbonate, Choline Chloride, Magnesium Oxide, Yeast Culture, Ferrous Sulfate, Ascorbic Acid, Vitamin E Supplement, Sodium Sulfate, Potassium Chloride, Manganous 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 Allthear Root, Organic Dried Tomato Pomace, Organic 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:

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. Must offer a free choice common white salt block or common white feed mixing salt.

Manufactured For:  
12 Stones Grassland Beef®

THIS PRODUCT MEETS THE SPECIFICATIONS FOR  
NATURAL LIVESTOCK PRODUCERS.

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12stonesgrasslandbeef@gmail.com • www.12stonesgrasslandbeef.net

PDG12-19

# B008

Certified Organic by: ECOCERT SA

Net Weight 25 Pounds (11.36 kg)

*Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.*

# 12 Stones Zn-Mix



Free Choice Mineral Supplement for all Classes of Beef

## GUARANTEED ANALYSIS

Salt (NaCl) (min)----- 85.00 %      Salt (NaCl) (max)----- 90.00 %      Zinc (Zn) (min)-----2.00 %

### 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, Manganous 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 Dihydride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Organic 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.

**THIS PRODUCT MEETS THE SPECIFICATIONS FOR NATURAL LIVESTOCK PRODUCERS.**

Manufactured For:

**12 Stones Grassland Beef®**

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Certified Organic by: ECOCERT SA

PDG9-19

**Net Weight 25 Pounds (11.36 kg)**

**B004**

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

## 12 Stones Mineral Feeder

For Individual Free Choice Minerals

**Feeding Free Choice Minerals Has Effects on Many Levels.**

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



**12 Stones “Low Boy” Mineral Feeder**

Space for 12 Different Items

**Feeder plans are available upon request.**

# 12 Stones Mineral Kits

Contain Individual Free Choice Minerals



\*See pages 3-9 for information on each of the individual minerals.

## 12 Stones Mineral Refill Kit

Item no. B019

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

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

## 12 Stones 40 Bag Free Choice Pallet

Item no. B017

*Recommended for 250 head (40 x 25 lb bags) Based on average usage*

### Includes:

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

## 12 Stones 80 Bag Free Choice Pallet

Item no. B018

*Recommended for 500 head (80 x 25 lb bags) Based on average usage*

### Includes:

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

**Should I Supplement Selenium?** Selenium is not included in our free choice kits; however, we do offer a Selenium mix 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.

**Offer Free Choice White Salt in addition to all 12 Stones Free Choice products.**

# 12 Stones Organic Pellets

(formerly Cal Cubes)

An affordable, all natural, grass-based supplemental energy source for grass fed cattle during times of special need.

Organic Alfalfa is combined with Organic Molasses and enzymes to produce an energy rich supplement to maintain the proper protein/energy ration when poor forage makes it tough. 1,000,000 calories per pound make this the tool we always need but could not find in adverse situations. One pound, per head, per day make **12 Stones Organic Pellets** an economical and easy to feed energy source that fits grass-fed standards.

## Uses include:

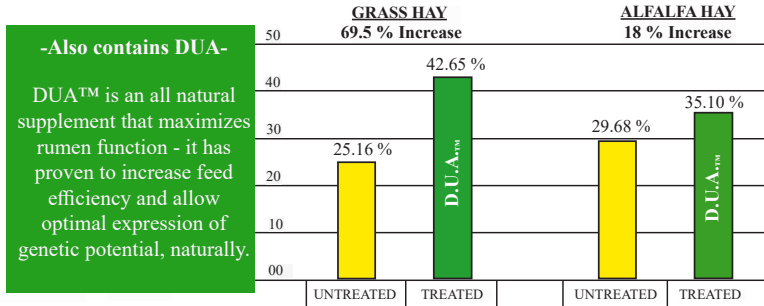
- Assuring finish on grass cattle the last 45 to 90 days of finishing
- A nutritious reward to gentle and train cattle
- Balancing protein to energy on poor forage
- Extra energy for preconditioning for times of stress like transport or stockers going to grass
- Shorten breeding season by getting cows gaining prior to breeding despite forage quality
- Sustainable nutrition when Mother Nature throws a curve like drought

## RECOMMENDATIONS:

- Finishing cattle – ½ to 1 # per head per day to optimize protein/energy ratio with forage for maximum finish during last 45 to 90 days
- Cows and bulls – use as needed for training or supplementation during critical periods of poor forage
- Growing cattle – ½ # per head per day when forage quality is not sufficient to allow optimum growth to fit marketing plan

## Neutral Detergent Fiber Digestion

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



# 12 Stones Organic Pellets



## Guaranteed Analysis:

Crude Protein min-----8.0%

Crude Fiber max-----21.0%

Crude Fat min-----4.0%

## Ingredients:

Organic Dehydrated Alfalfa Meal, Attapulgite Clay, Organic Soybean Oil, Organic Coconut Oil, Dried Lactobacillus Acidophilus Fermentation Product, Organic Sugarcane Molasses, Diatomaceous Earth, Organic Apple Cider Vinegar, Reed-Sedge Peat, Organic Linseed Meal, Dicalcium Phosphate, Calcium Carbonate, 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, Manganese 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, 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, Organic Yucca Schidigera Extract, Organic Horseradish, Organic Licorice, Organic Sweet Orange Peel, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Ginger, 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:

Feed at a rate of 1 pound per head per day.

THIS PRODUCT MEETS THE SPECIFICATIONS FOR NATURAL LIVESTOCK PROCEDURES.

Manufactured For:

12 Stones Grassland Beef®

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Certified Organic by: ECOCERT SA

## B038-2

Net Weight 25 Pounds (11.36 kg)

Disclaimer: This product is formulated to meet the requirements of the USDA National Organic Program. 12 Stones Grassland Beef accepts no responsibility for performance failure or misuse of this product, or changes of organic protocol that we are not aware of.

PDG40-10

Available in 25 lb bags (B038-2) and Totes - Minimum 1500 lbs (B037-2).

# 12 STONES FACTORS LIQUID

For Livestock Production And All Classes Of Horses

## GUARANTEED ANALYSIS

Protein (min)..... 0.5 %                      Fat (min)..... 0.1 %                      Fiber (max)..... 1.0 %

### INGREDIENTS:

Liquid Lactobacillus Acidophilus Fermentation Product, Organic Aloe Vera Gel Concentrate, Palm Oil, Organic Feed Grade Dried Milk, Potassium Citrate, Citric Acid, Water, Sodium Sulfate, Magnesium Sulfate, Calcium Sulfate, Silicon Dioxide, Yucca Schidigera Extract, Salt, Organic Cloves, Organic Egg Product, Niacin, Ferrous Sulfate, Diatomaceous Earth, Organic Dehydrated Alfalfa Meal, Organic Gentian Root, Biotin, Choline Chloride, Thiamine Mononitrate, Folic Acid, Riboflavin, Lactic Acid, Pepsin, Pyridoxine Hydrochloride, Organic Coconut Oil, Organic Barley Hulls, Yeast Culture, Organic Ginger, Organic Peppermint, Organic Sweet Orange Peel, Organic Dandelion, Organic Violet Leaves, Vitamin B12 Supplement, Organic Garlic, Potassium Chloride.

### DIRECTIONS:

#### Newborn Calves:

Add to the Milk Replacer: At 1/2 oz per calf twice daily for 5 consecutive days.

#### Receiving Calves and Times of Stress:

Add to the Milk Replacer: At 1/2 oz per calf twice daily for 3 consecutive days.

#### Oral Application:

At 1 oz per calf once daily for 3 consecutive days.

#### Mature Cattle: Oral application/Top Dressing/Within Total Mixed Ration:

At 1 oz per head per day for 3 days. Wait 12 days. Repeat at 1/2 oz per head per day for 3 days. Wait 12 days. Repeat at 1/2 oz per head per day for 3 days.

**Note:** For continued support repeat "Receiving and Times of Stress" application every 21 days until off milk.

#### Equine Immune Support:

1 ounce per horse per day for 7 days. Repeat in 3 weeks. Can be administered orally or top-dressed on the grain ration.

**Note:** At times of stress or immune system changes, give 1/2 ounce per horse per day as needed. Can be administered orally or top-dressed on the grain ration.

#### Gilts:

At 1/2 oz per head per day for 5 weeks and 2 weeks pre farrowing.

#### Sows:

At 1/2 oz per head per day for 3 weeks pre farrowing.

#### Pigs 40 pounds and up:

1 gallon per ton of complete feed for 3 days.

#### Pigs under 40 pounds:

2 gallons per ton of complete feed for 3 days.

THIS PRODUCT MEETS THE SPECIFICATIONS FOR  
NATURAL LIVESTOCK PRODUCERS.

Shake Well Before Using

### Manufactured For:

12 Stones Grassland Beef®

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FPDS538-9

# B023

*Disclaimer: 12 Stones Grassland Beef® accepts no responsibility for performance failure or misuse of this product, or changes of natural protocol that we are not aware of.*

**1 Gallon (3.79 Liters)**



# TECHNICAL BULLETIN

## 12 Stones Factors Liquid®

**12 Stones Factors Liquid** contains Transfer Factor technology (cell mediated immunity) as well as antibodies derived from bovine colostrum and hyper-immune egg yolk antibodies (humoral immunity).

Transfer Factors are natural occurring immune substances in the bodies on all mammals and birds. They are present in the leukocytes (white blood cells). It is now well established that extracts from leukocytes contain lymphokines and several other immuno-active components.

Transfer Factor is a very small molecule having a molecular weight of less than 10,000 DA. It's function is to transfer critical immune information to cells and is present in significant amount in bovine colostrum and in egg yolks. In nature, one of its most important function is to transfer maternal immunity to the newborn. This is nature's way of transferring knowledge about fighting disease from one generation to the next.

Transfer Factor was discovered by Dr. D. S. Lawrence in 1949. He showed that specific cellular immunity could be transferred from one immunized donor, to an un-immunized recipient. While the results from using Transfer Factor appear similar to those seen with bovine colostrum or egg yolk antibodies, the mode of operation is vastly different; cell-mediated immunity verses Humoral (Antibody protection) immunity. Cell-mediated immunity plays a key role in the control of infections and auto immune diseases.

Transfer Factor enables the recipient's immune system to deal with pathogens it couldn't successfully fight by itself. Administration of transfer factor from immune individuals permits recipients to mount a successful immune response. Transfer Factor helps to regulate immune reactions in order for the immune system to reach a healthy equilibrium.

Transfer Factor can be used to increase or re-establish impaired immunity for combating existing infections or transfer new immunologic information to prevent new infections in exposed individuals. Unlike the antibodies and proteins found in egg yolks and colostrum alone, Transfer Factor, being such a tiny molecule survives the digestion process and is easily absorbed from the gut. Stomach acids and digestive enzymes do not degrade their potency.

There are no known adverse side effects to the use of Transfer Factor. Transfer Factor is extremely potent and can be administered in very small amounts which will confer specific cell-mediated reactivity on a normal recipient, lasting for over a year in some cases. There is more than 50 years of intensive research backing it up with hundreds of papers written about it. One of the references appears below, and more can be found on the internet.

*An Introduction to Veterinary Immunology 2nd Edition 1982 Ian Tizard, Phd,  
Department of Veterinary Microbiology and Parasitology, College of Veterinary Medicine,  
Texas A & M University, College Station, TX W. B Saunders Company*

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