



A.B.C.'s G.R.P.TM



Nutritional Supplement For All Classes of Horses



Company Policy on Glyphosate:

In 2013, **Advanced Biological Concepts®** decided that it is morally wrong to sell glyphosate-contaminated products. The profound and consistent side-effects and symptoms could no longer be ignored.

As a result, all of our products are now **Certified Organic or GMO-Free, and Wheat-Free.**

Glyphosate Contaminated Feeds

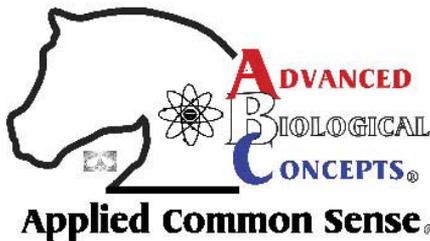
Feed grains today, unless they are certified organic or GMO-free, are contaminated with GMOs and glyphosate.

Glyphosate contamination is known to tie-up minerals and to disrupt the normal activity of the beneficial intestinal bacteria, resulting in a variety of health problems in animals.

A.B.C.'s G.R.P.TM

Nutritional Supplement for All Classes of Horses

**Addresses the negative effects of
GMOs and Glyphosate**



Advanced Biological Concepts[®]

(Phone) 800-373-5971 • **(Fax)** 888-770-0735

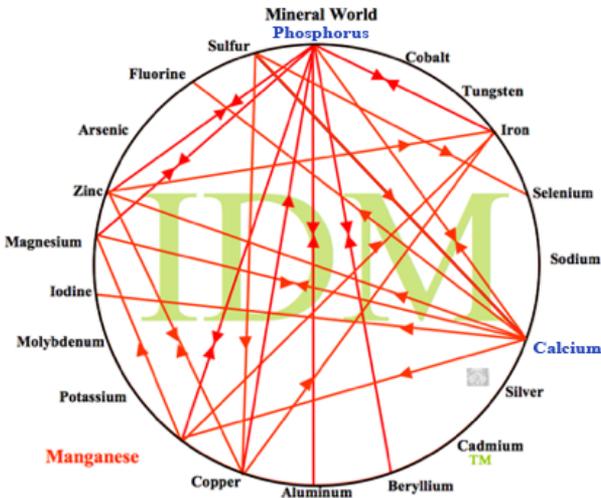
(E-mail) jgh@abc-plus.com • www.abcplus.biz

Is Your Feed Safe?

It used to be that we could generally trust that the grains and forages we fed to our animals were reasonably safe, if not always of the same nutritional value. That all changed with the advent of GMO technology, and we are now forced to question the safety of almost everything we eat ourselves or feed to our animals. The main culprit is **glyphosate**. Most crops in the U.S. today, including corn, soybeans, beet pulp, molasses, corn syrup and alfalfa, are contaminated with glyphosate residues.

Glyphosate particularly reduces the availability of Manganese - an element necessary for the function of Calcium and Phosphorus.

Calcium and Phosphorus, available and in proper balance, are essential to the utilization of the majority of the other elements in the Mineral World as illustrated in the chart below.

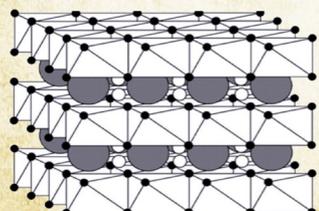


All ABC Products are now Certified Organic or GMO-Free, and Wheat-Free

The following is a simplified version of the actual mechanism by which Glyphosate affects the availability of Manganese, Calcium and Phosphorus and thus almost all the other elements as well. The actual mechanism is much more complex.

Glyphosate Matrix

This is a visual concept not the molecular structure.



- Interlayer anion
- Mineral
- OH anion

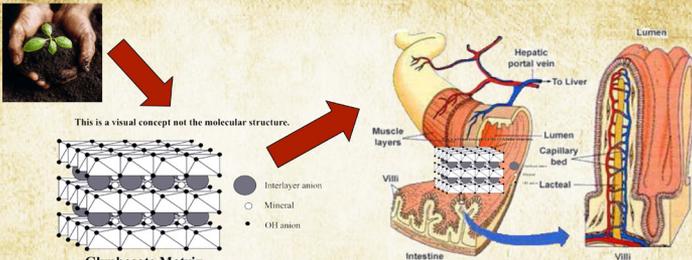
The inter-layer anion captures the cation mineral, rendering it useless.

A Chelator Molecule

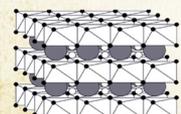
Glyphosate ties up:

- Manganese (Mn), Potassium (K), Selenium (Se), Magnesium (Mg), Calcium (Ca), Nitrogen (N), Copper (Cu), Nickel (Ni), Iron (Fe), Cobalt (Co), Zinc (Zn)

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This is a visual concept not the molecular structure.



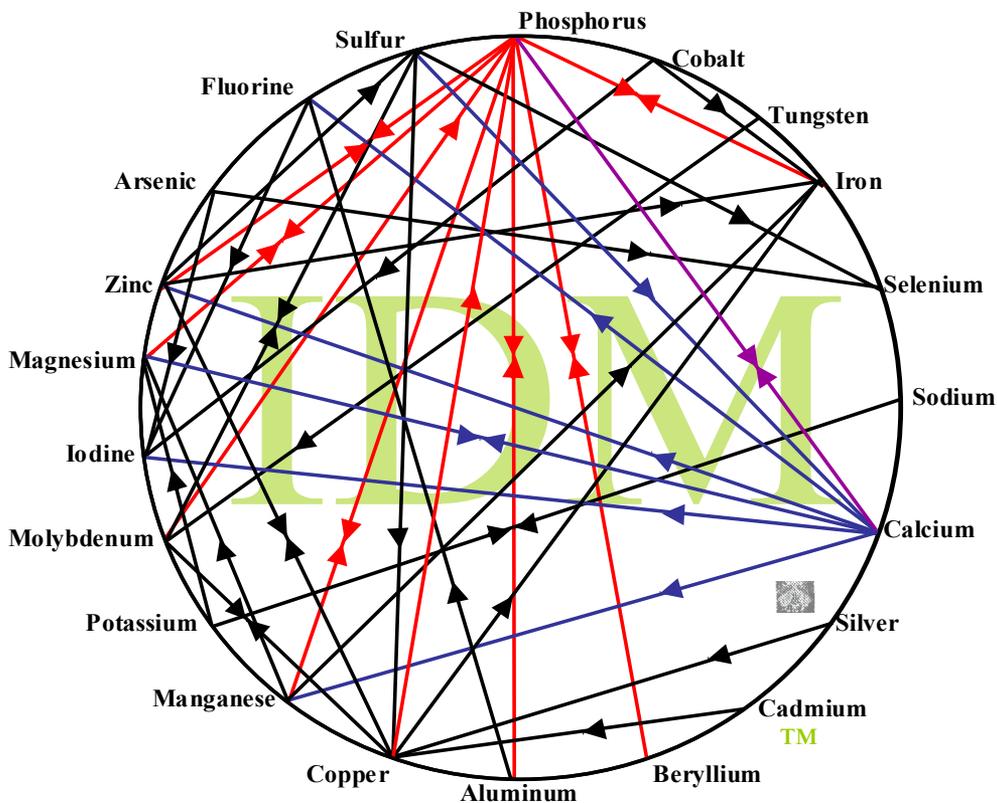
Glyphosate Matrix

- Interlayer anion
- Mineral
- OH anion

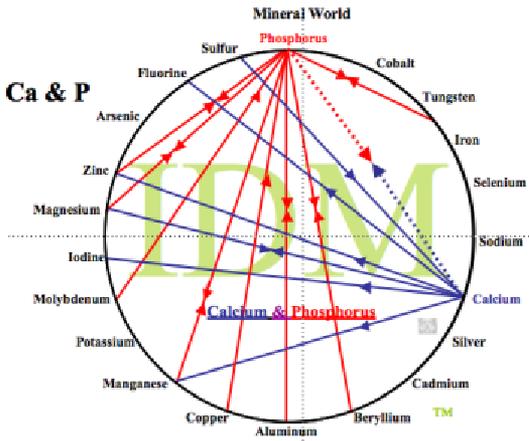
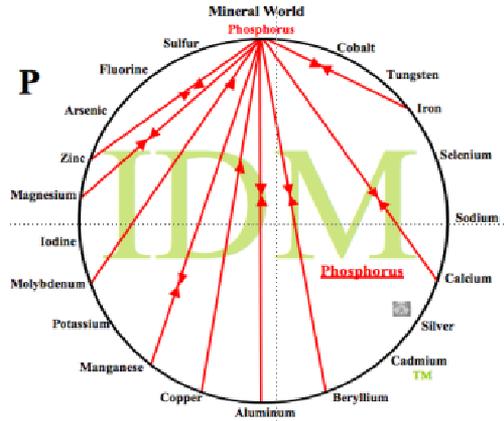
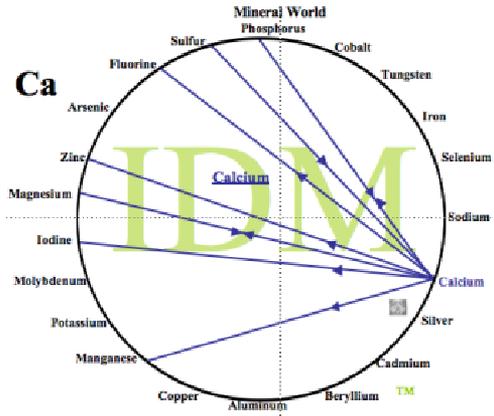
When a glyphosate contaminated plant is digested, the glyphosate matrix present in the plant is released into the gut and ties-up (chelates) the minerals in the feed ration.

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The Mineral World



Calcium and Phosphorus are major elements that everyone seems to know about.

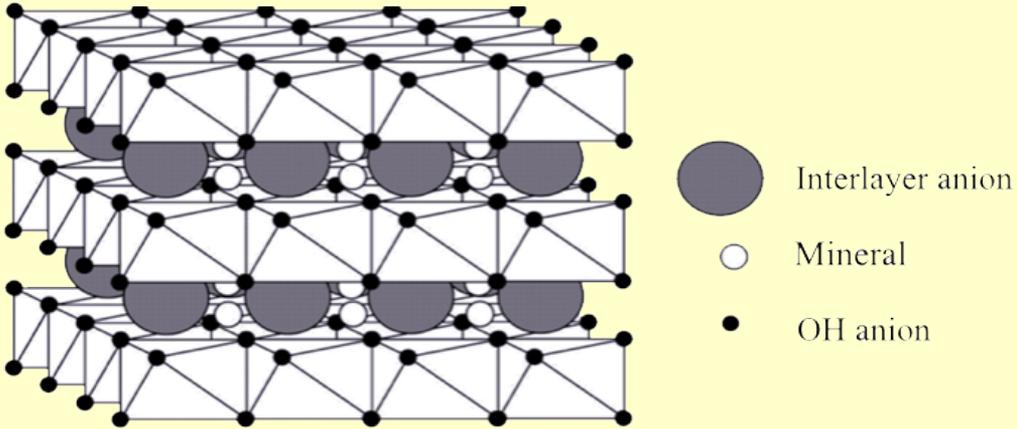


Together they have an effect on almost all elements in the Mineral World.

The following is a simplified version of the actual mechanism by which Glyphosate affects the availability of Manganese, Calcium and Phosphorus and thus almost all the other elements as well. The actual mechanism is much more complex.

Glyphosate Matrix

This is a visual concept not the molecular structure.



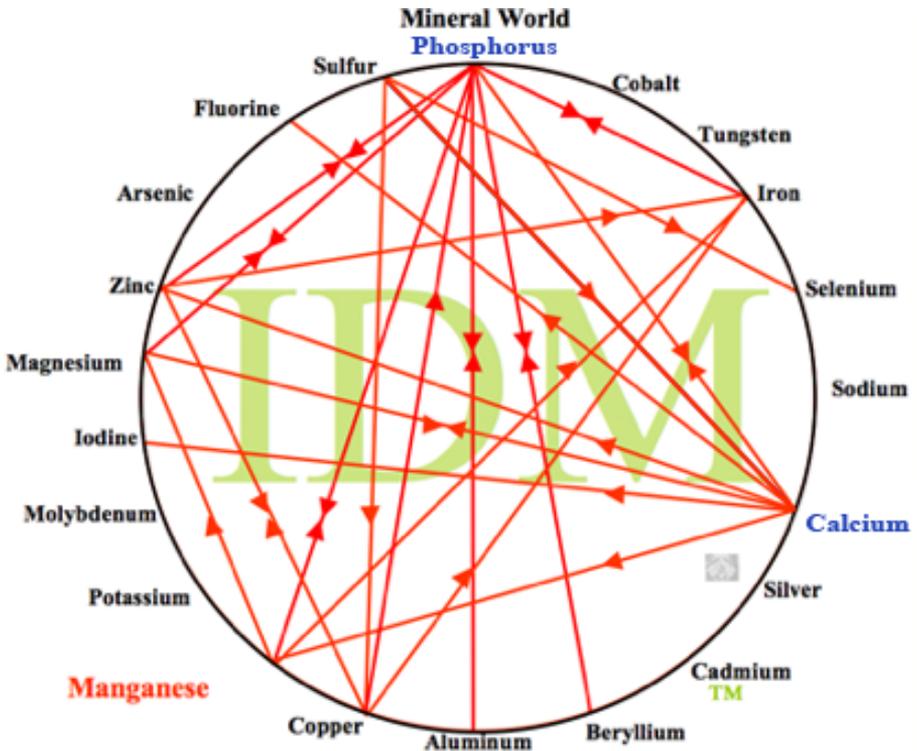
The inter-layer anion captures the cation mineral rendering it useless.

Glyphosate ties up:

**Manganese (Mn),
Selenium (Se)
Calcium (Ca),
Copper (Cu),
Iron (Fe),**

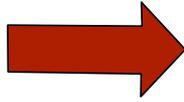
**Potassium (K),
Magnesium (Mg),
Nitrogen (N),
Nickel (Ni),
Cobalt (Co)
Zinc (Zn)**

Glyphosate particularly reduces the availability of **Manganese - an element necessary for the function of **Calcium and Phosphorus**.**

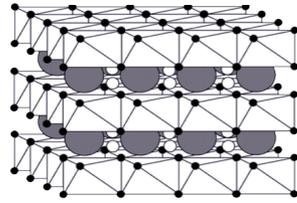


Calcium and Phosphorus, available and in proper balance, are essential to the utilization of the majority of the other elements in the Mineral World as illustrated in the chart shown above.

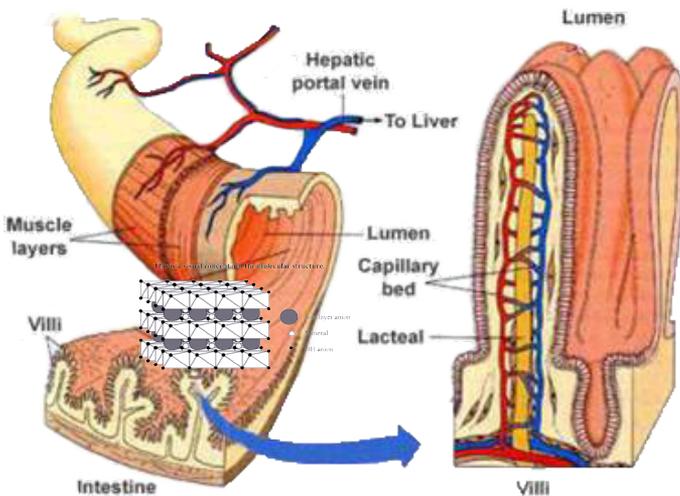
Mineral World



This is a visual concept not the molecular structure.



- Interlayer anion
- Mineral
- OH anion



When a glyphosate contaminated plant is digested, the glyphosate matrix present in the plant is released into the gut and ties-up (chelates) the minerals in the feed ration.

- **Increases utilization of supplemental minerals.**
- **Overcomes glyphosate-caused nutrient immobilization.**
- **Protects the quality of feed and food.**



ADVANCED
BIOLOGICAL
CONCEPTS
Applied Common Sense.

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)-----9.5 %	Phosphorus (P)	(min)-----1.0 %
Lysine	(min)-----0.05 %	Sodium (Na)	(min)-----0.5 %
Methionine	(min)-----0.05 %	Sodium (Na)	(max)-----1.0 %
Crude Fat	(min)-----3.5 %	Copper (Cu)	(min)-----600 PPM
Crude Fiber	(max)-----7.5 %	Copper (Cu)	(max)-----800 PPM
Acid Detergent Fiber (ADF)	(max)-----27.0 %	Zinc (Zn)	(min)-----1,500 PPM
Calcium (Ca)	(min)-----4.0 %	Vitamin A	(min)---180,000 IU/LB
Calcium (Ca)	(max)-----5.0 %		

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:

Dried Lactobacillus Acidophilus Fermentation Product, Organic Oat Groats, Reed-Sedge Peat, Diatomaceous Earth, Dicalcium Phosphate, Calcium Carbonate, Attapulgitic Clay, Organic Alfalfa Meal, Monosodium Phosphate, Organic Soybean Oil, Organic Rice Bran, Organic Dried Kelp, Bentonite, Salt, Choline Chloride, Organic Linseed Meal, Magnesium Oxide, Yeast Culture, Ferrous Sulfate, Sodium Sulfate, Potassium Chloride, Zinc Sulfate, Manganese Oxide, Ascorbic Acid, Vitamin E Supplement, Citric Acid, Manganese Sulfate, Organic Garlic, Organic Fenugreek, Niacin, Sulfur, Folic Acid, Riboflavin, Vitamin A Acetate, Organic Dried Feed Grade Milk, Copper Sulfate, Calcium Pantothenate, Organic Lecithin, Organic Egg Product, Pyridoxine Hydrochloride, Organic Cloves, Calcium Sulfate, Organic Barley, Vitamin D3, Acetic Acid, Calcium Hydroxide, Magnesium Sulfate, Vitamin B12, Biotin, Thiamine Mononitrate, Organic Dandelion, Organic Rice Hulls, Ethylenediamine Dihydrochloride, Organic Parsley, Magnesium Chloride, Organic Althea Root, Organic Dried Tomato Pomace, Yucca Schidigera Extract, Organic Horseradish, Organic Orange Peel, Organic Licorice, Organic Aloe Vera Gel Concentrate, Organic Peppermint, Organic Calendula, Organic Cayenne Pepper, Organic Ginger, Organic Gelatin, Organic Sage, Organic Common Fennel, Organic Thyme, Organic Lemon Grass, Organic Elder Flowers, Organic Papain, Organic Basil, Organic Violet Leaves, 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 • Osceola, Illinois 61274-0027
Phone: 800-373-5971 • Fax: 838-770-0735
jgh@a-b-c-plus.com • www.abcpus.biz

Certified Organic by: ECOCERT ICO, LLC.

A101

FPD680-10

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.

Available for Ruminants and Equine:



ADVANCED
BIOLOGICAL
CONCEPTS
Applied Common Sense.

Free Choice G.R.P.™

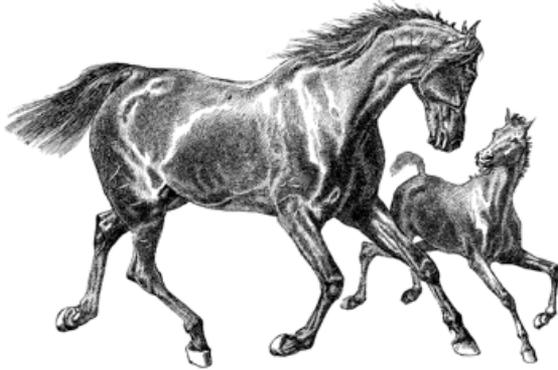
Dietary Nutritional Supplement
for all Classes of Ruminants and Equine



A.B.C.'s G.R.P.™

Nutritional Supplement for All Classes of Horses

Addressing the negative effects of
GMOs and Glyphosate



If you feed glyphosate contaminated feeds and absolutely cannot modify your feed program, we recommend using A.B.C.'s G.R.P.™ to address the adverse nutritional effects associated with feeding glyphosate-contaminated feedstuffs.



A.B.C.'s G.R.P.™

Nutritional Supplement for all Classes of Horses



Crude Protein (min).....	10.0 %
Crude Fat (min).....	3.0 %
Crude Fiber (max).....	7.0 %

GUARANTEED ANALYSIS

Calcium (Ca) (min).....	4.5 %
Calcium (Ca) (max).....	5.5 %
Phosphorus (P) (min).....	1.5 %

Copper (Cu) (min).....	500 PPM
Zinc (Zn) (min).....	1500 PPM
Vitamin A (min).....	50,000 IU/LB

Store in a cool, dry place.

INGREDIENTS:

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

DAILY TOP DRESS FEEDING INSTRUCTIONS PER HORSE: (2 oz. Scoop Included)

➤ Gestating Mares:	4 ounces (114g) / 2 scoops per day	➤ Adult Horses:	4 ounces (114g) / 2 scoops per day
➤ Lactating Mares:	4 ounces (114g) / 2 scoops per day	➤ Stallions:	4 ounces (114g) / 2 scoops per day
➤ Weanlings:	4 ounces (114g) / 2 scoops per day	➤ Horses in Training:	4 ounces (114g) / 2 scoops per day
➤ Yearlings:	4 ounces (114g) / 2 scoops per day		
➤ Aged Horses:	4 to 8 ounces (114g to 228g) / 2 to 4 scoops 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.abcpplus.biz
Certified Organic by: ECOCERT ICO, LLC.

(100 day supply)

Net Weight 25 Pounds (11.36 kg)

PD829-14

A196

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.



SIZES:

A.B.C.'s G.R.P.™ - 12.5 Pound Bucket	Item no. A283
A.B.C.'s G.R.P.™ - 25 Pound Bag	Item no. A196
A.B.C.'s G.R.P.™ - 25 Pound Bucket	Item no. A195