

Helfter's Holistic Hotline

Solving Problems with Applied Common Sense®



I am pleased about the beginning of our newsletter mailing. We hope each issue will be an informative resource that will help you apply common sense to your animal health programs to increase profit. I am excited about the products spotlighted in this issue. In one way or another they all give nutritional support to the immune system of our domestic animals. The brand new **Formula 754** shows great promise. This product is innovative in that it brings together the tried and true technology of our **D.U.A.™** along with herbal products that stimulates milk production while maintaining body weight. If you have questions please give us a call. We are here to provide service.

- Jim

New Product Spotlight Formula 754 ORG

Introducing 754ORG and 755ORG

Advanced Biological Concepts® has been a leader in providing breakthrough organic and holistic supplements and feeds for optimizing animal health and producer profits. On-going research in the area of phylogenics has led us to bring a revolutionary product for dairy and beef cattle to market. We have combined our heralded **D.U.A.™** technology (for increased fiber digestion and utilization) to a proprietary blend of herbs and enzymes to boost the immune system and optimize productive capacity.



Bill Roberts

Formula 754 ORG is the name of our new product. A brochure to illustrate on-farm test results in dairy cattle is included for your review. It is hard to grasp that such a manifest increase in production quantity and quality is accompanied by less feed intake due to increased feed efficiency. The boost to the immune system is characterized by the decrease in somatic cell

count, increased weight "gain", strong heats and high conception rates. This catalyst for health and productivity fits conveniently and economically into any TMR or as a top dress at 2 ounces per day for dairy cattle. Grass fed, organic and conventional dairy herds can benefit from **Formula 754 ORG** in a multitude of ways as explained in our brochure. We want to emphasize that "especially" during tough economic times when processors are asking producers to restrict production, productive efficiency can be a key to survival. If herd production output can be increased by 10 to 15%, the bottom tier, inefficient cows can be culled to significantly decrease annual cost of targeted production. You can not dictate your price. But you can change the cost to achieve the price you receive. **Formula 754 ORG** can be a valuable tool to increase your bottom line. If absolute economy is the need, **Formula 754 ORG w/o D.U.A.™ (755ORG)** provides the herbs and enzymes minus **D.U.A.™**.

Stay tuned for testimonies from our beef producers as well. **Formula 754ORG** and **755ORG** can help stockers through their adjustment period, increase efficiency and productivity in the feedlot, help first calf heifers through their most stressful time of life, and provide the winning edge for your club calf or show string.

-Bill Roberts

800-373-5971

www.abcplus.biz



Bill Johnson
June 13, 1933 - October 19, 2008

How to enjoy being a Dairyman and be profitable!

-We need to move from a protein production mentality to fiber production mentality

-We need to move from a production driven dairy to a profit driven dairy

-Jim on Behalf of Bill

Free Services Available

MAXIMIZE Your Herd's Production & Health

- *Ration Balancing (Cationic Balancing with Water)
 - Organic
 - Transitional
 - Conventional
- *Health & Nutritional Phone Consultations
- *Water Analysis (Free Service)
- *On Staff
 - Veterinarians
 - Nutritionists
 - Water Specialists
- *Farm Meetings Available

Take advantage of what we can do for you!

Should Water Softening be Used for Dairy Drinking Water?

Should water softening be used to fix most physical qualities of water for dairy cows? Water softening relates to the physical nature of water, however it can relate to metabolic issues in cows. Why? Normally sodium chloride or salt is used in softening water and it can have an affect on metabolism between the sodium/potassium pump within the body that carries nutrients or electrically charged particles into the cells and waste particles out.

The cells expend a great deal of energy constantly pumping their contents to keep most of the potassium inside the cell and sodium outside in the intracellular fluids.

Sodium and potassium ions are the electrically charged particles. Their separation inside and out causes the cell membrane to become polarized: The sodium solution outside the cell is positively charged relative to the more negatively charged potassium inside the cell. This electrical polarization helps electrically charged particles of nutrients to flow into the cell and waste particles to be eliminated into the surrounding fluid, eventually to find their way into the bloodstream and eliminated from the body. Sodium saturation is mostly the cause of potassium shortage in the cell which causes an imbalance of equilibrium or metabolism. When sodium content in water is somewhat higher than caution levels from water analysis or combinations of salt in feed with sodium from softening can all add up to increased sodium adsorption levels causing potassium shortage inside the living cell.

Note! Metabolism is the continuous process by which living cells or tissues undergo chemical changes such as this equilibrium in the between cells to constantly build up living matter in the system to supply energy.

If potassium is not concentrated enough inside the cell, the sodium/potassium pump is hard pressed to keep out enough sodium called dehydration. With higher sodium adsorption comes too much water and the cell becomes waterlogged possibly to the point of bursting causing a drop in blood pressure.

Without the sodium/potassium pump common to all cells in a cows body, no other biochemical action can take place.

When a cell dies due to this imbalance, sodium slowly seeps in and potassium diffuses out.

The electrical polarization of the cell membrane diminishes to zero and the flow of nutrient particles in and waste out ceases. You be the judge.

-Gordy Jordahl

Advanced Biological Concepts® ran a water sample from the same well using two different water analysis, (Treated by softening and untreated) to determine sodium and chloride level and sodium absorption ratios differences. Treated water (**sodium chloride levels** were **800% higher** than untreated, **Sodium absorption** ratios were **500% higher** and total **dissolved salts** were **increased by 80% with a water softener**.

Conclusion: Sodium chloride (salt) in water needs to be balanced with the feed ration. If not, the salt will limit water consumption which means less milk. A dairy cow will normally intake 25-30 gallons of water per day for a good foundation of milk production. This issue is addressed in ABC's rations as well as with cationic balancing.

My experience is water softeners are good for softening water. Softeners should not be used for drinking water.

-Jim

A Dairyman can go broke, successfully treating sick animals.



Many years ago, a very successful dairyman told me:
 “Every dairyman has some cows that ought to be culled, but are often kept in the herd. The smart dairyman will sell those cows and use the proceeds to improve the rest of the herd.” This sage advice is especially

important in today’s tumultuous economic climate. One quick way to help the bottom line is to cull the problem cows; the low producers, and consistent unhealthy hard-breeders. Redirect your attention and resources to increase the health and productivity of the herd. Good health results from continuous attention to the fundamentals of nutrition.

D.U.A.™ increases fiber **Digestion** thus freeing up nutrients for **Utilization, Absorption. Individual Free Choice Minerals** are the “spark-plugs” that fire the metabolic engine of all animals.

-Dr. Richard Holliday



Dairy - Beef Catalog Retail Price

<u>Item Description</u>	<u>Item Number</u>	<u>Price</u>	<u>Item Description</u>	<u>Item Number</u>	<u>Price</u>
<u>FREE CHOICE FOR DAIRY</u>			D.U.A.	101ORG50BAG	\$122.23
1:1 Mineral Plus for Dairy	589ORG50BAG	\$50.87	Organic D.U.A. Pellets	794ORG50BAG	\$70.69
2:1 Mineral Plus for Dairy	384ORG50BAG	\$46.77	Aloe Vera Plus Garlic & Kelp	412ORG50BAG	\$55.43
HI PHOS Mineral Plus for Dairy	387ORG50BAG	\$68.59	H2O Revive	708ORG1GAL	\$51.76
Organic Range			Organic MOP	959ORG25BAG	\$36.49
Free Choice 1:1 Mineral w/IPR	407ORG50BAG	\$50.18	ABC WHEY	827250MLBTL	\$25.00
			Target Factors Liquid	894ORG1GALBTL	\$178.55
			Formula 754 Org	754ORG50BAG	\$260.00
			Formula 754 Org w/o DUA	755ORG50BAG	\$196.80
<u>FREE CHOICE FOR BEEF</u>			<u>FREE CHOICE KITS</u>		
1:1 Mineral Plus for Beef	FC945ORG50BAG	\$50.63	15 Hole Mineral Feeder w/12 Free Choice Minerals		
2:1 Mineral Plus for Beef	FC512ORG50BAG	\$46.53	15 Hole Mineral Feeder \$850.00		
HI PHOS Mineral Plus for Beef	FC398ORG50BAG	\$68.35	Refill Kit (12 Free Choice Minerals)		
1:1 Mineral w/IPR for Beef	FC757ORG50BAG	\$49.93	291ORGKIT \$259.70		
<u>INDIVIDUAL FREE CHOICE MINERALS</u>			6 Free Choice Mineral Kit for Beef or Dairy		
Organic 2% I Mix	231ORG25BAG	\$29.61	6 FC Mineral Kit \$132.06		
Organic A-Mix	364ORG25BAG	\$21.91	3 Free Choice Mineral Kit Beef		
Organic Buffer Plus	234ORG25BAG	\$19.19	3 FC Mineral Kit Beef \$131.41		
Organic BVC Mix	732ORG25BAG	\$21.41	3 Free Choice Mineral Kit Dairy		
Organic C-Mix	365ORG25BAG	\$15.69	3 FC Mineral Kit Dairy \$135.99		
Organic Cu-Mix	700ORG25BAG	\$17.45	30 Day Supply for 500 Head 80FREECHOICEPALLET \$1761.31		
Organic K-Mix	366ORG25BAG	\$23.34	30 Day Supply for 250 Head 40FREECHOICEPALLET \$886.26		
Organic KLNZ Mix	280ORG25BAG	\$20.90	3 Hole Ground Mineral Feeder		
Organic M-Mix	367ORG25BAG	\$21.38	Contact 800-373-5971 for a Dealer Near you		
Organic P-Mix	368ORG25BAG	\$34.55	FPD481		
Organic S-Mix	369ORG25BAG	\$20.96			
Organic SE Top Choice Mix	599ORG25BAG	\$16.98			
Organic TS K-Mix	707ORG25BAG	\$21.96			
Organic Zn-Mix	410ORG25BAG	\$16.87			
Organic IPR Ruminant	832ORG15BAG	\$19.91			
Organic IPR Pellets	600ORG50BAG	\$53.79			
1:1 Mineral Plus for Deer & Elk	690ORG50BAG	\$46.88			
Goat & Sheep Free Choice 1:1 Mineral	956ORG50BAG	\$47.15			

Organic Pellets with **Aloe Vera** Plus **GARLIC & KELP**



A NUTRITIONAL SUPPLEMENT
ALL CLASSES OF LIVESTOCK



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

GUARANTEED ANALYSIS

Crude Protein (min)	12.00 %	Calcium (Ca) (max)	1.30 %
Crude Fat (max)	2.50 %	Phosphorus (P) (min)	0.50 %
Crude Fiber (max)	10.00 %	Lysine (min)	0.40 %
ADF (max)	16.00 %	Selenium (Se) (min)	0.30 PPM
Calcium (Ca) (min)	0.80 %	Zinc (Zn) (min)	60.00 PPM

INGREDIENTS:

Organic Dried Kelp, Organic Wheat Middlings, Organic Dehydrated Alfalfa Meal, Calcium Lignin Sulfonate, Organic Aloe Vera Gel Concentrate, Organic Garlic, Organic Cumin, Ascorbic Acid.

DIRECTIONS:

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

An 8 ounce measuring cup level full of Aloe Vera Pellets weighs approximately 5 ounces

Dairy Cows	
Freshening:	For 3 to 5 days pre-freshening, 14 day 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.
Times of Stress:	4 to 16 ounces per head per day as
Beef Cows	
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	
Times of Stress:	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.

THIS PRODUCT MEETS THE SPECIFICATIONS FOR NATURAL LIVESTOCK PRODUCERS.



Manufactured by:
Helfter Feeds, Inc.
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(USA) 866-435-3837 • (Local) 309-522-5024 • (Fax) 309-522-5021
Jgh@a-b-c-plus.com • www.HelfterFeeds.com



Made in the U.S.A.

412ORG50BAG

NET WEIGHT 50 Pounds (22.73kg)

Disclaimer: Every effort has been exhausted in order to meet organic and natural protocol to the best of our knowledge. Helfter Feeds, Inc. accepts no responsibility for the performance, failure or misuse of this product or changes of organic and natural protocol that we are not aware of. FPD27-4

Benefits of Aloe Vera

- Helps treat ulcer disease - **normalizing acid levels in the stomach.**
- Forms a lining throughout the colon to keep toxic waste from entering the body.
- **Strengthens the immune system** - Forms a barrier against microbial invasion (viruses).
- Facilitates the absorption of water, electrolytes and nutrition in the digestive system.
- Provides the raw material critical for **lubrication of the joints.**
- Also has **natural healing and detoxifying powers** and works gently with the digestive tract to help break down impacted food.
- Helps sore and stressed muscles recover faster in working horses.

Benefits of Garlic

- **Insect repelling qualities.**
- Natural MSM.
- 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 and digestion** by relieving inflammation of intestines.

Benefits of Cumin

- Cumin **aids in diarrhea, gas colic** and **bloat.**
- **Stimulates appetite.**

Advanced Biological Concepts,®

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How Can Aloe Vera Plus Garlic & Kelp Help You?
Nature to the Rescue!