

SUPERGRO

OF IOWA, LLC

*Natural Mineral Based Fertilizers
For
The Sustainable and Organic Producer
Fertilization Programs, Products and Blends
Designed To Enhance
Producer Profitability, Quality,
and Environmental Concerns*



Problems

For numerous reasons, the need for a more sustainable agriculture production system continues. While much of our most delicate soil has been enrolled in various conservation programs, soil erosion remains a problem. Weed and insect resistance to farm chemicals continues and has reached the point where genetic manipulation of plants and animals is being used in an effort to overcome Nature's principles of resistance and survival of the species. These "technological advances" have been extremely costly for the producer while often not being an answer to the problem. Water pollution by agricultural chemicals and fertilizers also continues to be problematic. Food safety perceptions, revolving around pesticides in food as well as antibiotic and hormones use in livestock remains major consumer concerns.

Solutions

There seems to be an agreement in principle that changes can be made that may answer most of these concerns. Much of the emphasis concerning change has been put on understanding and working with many of the natural laws and concepts of Nature. Fertilization of soil is not just N-P-K, but revolves around the remineralization of the soil and limiting N-P-K sources to more natural and less harsh forms thus promoting good soil life and high crop quality. Weed and insect control involves tillage methods, rotations and cultivation and not just pesticide use. GMO (genetically modified organisms) crops and livestock use is frowned on or totally banned from use as in organic production.

Program

Commitment and Management

1. Develop a positive attitude towards change and commit to it

- a. Rotate crops to help control weeds, insect, "grow" some of your nitrogen
- b. Use tillage practices that help control erosion and increase soil organic matter while promoting aerobic soil life
- c. Use livestock and green manures where feasible

Material and Fertilizer Usage

1. Soil Test

- a. If liming is necessary, learn what product should be used
- b. Learn your soil's yield potential and fertilize accordingly
- c. Be aware of the need for secondary and minor elements as well as major elements
- d. Learn the differences between fertilizer materials and where they can or should be used

Fertilizer Products and/or Blends

Note: While "Standard Blends" are available, the majority of the blends used by our producers are "Custom Blended" to fit their soil test and cropping needs.

Straight Material.....(S=Sustainable) (O=Organic)

Ammonium Sulfate (S), Urea (S), FM-12 (13-0-0) (O), C-P-S (O), Soft Rock Phosphate (O), Calcium Sulfate or Ag Gypsum (O&S), Kalium Potash Plus (S), Potassium Sulfate (O&S), Sul-Po-Mag (O&S), Humates (O), Zinc (O&S), Manganese (O&S), Copper Sulfate (O&S), Boron (O&S)

Sustainable Blends

3-15-25, 4-2-8, 4-20-37, 5-0-40, 5-5-35, 5-15-30, 5-20-20, 5-25-10, 5-25-25, 10-0-25, 10-5-20, 10-10-10, 10-10-20, 10-15-20, 10-25-5, 15-0-10, 15-5-5, 15-10-0, 20-5-15 **NOTE:** All blends have a varied Guarantee on sulfur. They all contain calcium in varied amounts and as well, all have natural trace mineral bases.

Organic Blends

SGI Pasture Boost

0-0-40, 0-1-15, 0-1-20, 0-1-25, 0-1-35, 4-2-8, 4-1-20, 8-0-10, 10-0-0

NOTE: All blends except 0-0-40, 8-0-10, 10-0-0 has varied amounts of (P205) Phosphate in them. All blends have a varied Guarantee on sulfur. All contain calcium and the various natural trace minerals that are a part of the natural phosphate and sulfate products that are in every blend. In Organic production, nitrogen is expected to be available from rotations with legumes, green manures, and livestock manures. All Organic blends has no nitrogen except 4-2-8, 4-1-20 and 8-0-10, 10-0-0. All organic blends are certifiable.

This program can be developed in full for most farming and livestock operations with the help of your local dealer. While not considered to be an "expert," dealers are constantly being updated on product usage and management practices that may be necessary to establish a program of sustainable or organic for most operations (i.e., methods and practices that can assist in the reduction of pesticide usage, soil testing, new product, etc.) Your local dealer is also your source for the SuperGro of Iowa fertilizer blends and materials that fall within the category of correct fertilizer materials as noted. The SuperGro of Iowa fertilizer blends are typically composed of dry, granular, cold - blended fertilizer materials. As with all agriculture fertilizer, they have specific guarantees on N-P-K, however, they also all have guarantee on sulfur and a natural broad spectrum trace and secondary mineral base. Custom blends for special soil conditions and/or problems are also available. They can be spread with a regular fertilizer spreader, put down with the seeder, or used in planter. Finally, our local dealer is your ongoing source of information regarding sustainable and organic agriculture.

Product Available

Local Dealers or Direct if no Local Dealers

All Fertilizer Materials are Dry Granular Product

50# Bags

2000# Bulk Bags

Bulk (In Semi Load Lots)

On Farm Delivery

For More Information and/or Recommendations
Contact Your Local Dealer

OR



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Mission

"SuperGro of Iowa, LLC is dedicated to giving farmers and livestock producers the opportunity to regain, maintain, and increase the enjoyment and profitability of their farming operations. SuperGro of Iowa, LLC offers practical and easy to use management techniques, and quality products for soil and livestock, and excellent service to produce a superior program that addresses the concerns of production, the environment, and profitability so necessary in agriculture today".