



## How We Help

With the Midwestern BioAg approach, our expert consultants will help you:

- Test your soil and provide a customized balance of nutrients
- Use fertilizers that enhance soil life and plant roots
- Create maximum plant diversity with cover crops and rotations
- Build soil organic matter to improve soil water- and nutrient-holding capacity
- Grow high-quality crops that are mineralized and highly digestible
- Support soil life with fertilizers infused with organic matter and essential nutrients that feed both the soil and the crop

Our trained consultants and staff can help you develop a plan to get the most from your soils, crops, and livestock.

With our animal nutrition products, dairy producers can then fill any remaining nutrition needs, benefiting from an improved bottom line. By supporting the farm system, farmers, livestock, and consumers all benefit through improved food nutritional quality and lowered environmental impacts.

We service conventional and organic operations, large and small. We support all types of crops, as well as livestock. We offer:

- Dry fertilizer blends
- Liquid fertilizers
- Soil amendments
- Soil tests
- Seed
- Livestock nutrition
  - Minerals
  - Probiotics
  - Specialty Supplements
- Specialized full-farm consulting
- Organic transition consulting



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## Dairy Nutrition Program

At Midwestern BioAg, we're conscious of top-line production and bottom-line costs. We take a systems approach to herd management to help you grow better quality, higher-yielding forages that reduce your dependency on supplemental feeds and minerals. Midwestern BioAg provides a wide array of mineral supplements and knowledgeable dairy nutritionist to optimize your dairy herd's ration based on your forages.





# Our Approach

The Midwestern BioAg Dairy Nutrition program takes a systems-approach to dairy farm management which promotes health, production, reproduction, longevity and profitability. Our dairy nutrition products are formulated by our nutrition specialists and then manufactured from the highest quality ingredients for optimum nutrient availability.

## FROM THE GROUND UP

Healthy, balanced soils produce mineralized and highly-digestible forages, and when fed, produce healthy cows. Our program unlocks the revenue potential in the soil.

An agronomy fertility program designed to produce quality forages can lower overall production costs - significantly reducing purchased mineral and supplemental costs. Healthy, long lasting cows produce more milk and are more efficient and profitable in the long-term.

# Improving Dairy Profitability

## MILK INCOME & PRODUCTION

- 10%** increase per acre milk income
- 3.8%** increase in points of milk per ton
- 18%** increase in pounds of milk per acre

## FORAGE QUALITY & QUANTITY

- 13.5%** increase in forage yields
- 3.8%** increase in RFQ
- 2.6%** increase in digestible nutrients

## INPUT COST REDUCTION

- \$70,000** annual cost-savings with improved forage quality
- 13 cents** cost-savings per cow per day

A dairy cow's life cycle is a set up for the future; proactive management can help build overall herd potential and profitability.

## COMPARATIVE CASE STUDY

Compared to non-Midwestern BioAg dairy farms, dairy farms in Northern Michigan on the Midwestern BioAg program saw:

- 62%** increase in net farm income
- 48%** reduction in veterinary costs
- 20%** reduction in purchased feed costs

	Non-MBA Dairy Farms	MBA Dairy Farms	% Change
<b>Purchased feed costs</b>	712.23	566.1	-20%
<b>Veterinary costs</b>	66.35	34.31	-48%
<b>Net Farm Income</b>	2676.31	1010.97	+62%

\*Numbers shown are per cow  
Results may vary. Talk with a consultant for specific recommendations.

