

What's in Your Fertilizer?

Midwestern BioAg Blend: 5-14-16-11S	
Ingredient:	Description:
Ammonium sulfate	21-0-0-24S
MAP	11-52-0
Potassium sulfate	0-0-50-17S
K-Mag	0-0-22-22S-11Mg
Calcium sulfate	Plant available Ca & S
Rock phosphate	Natural source of P & Ca
MicroPack 5-5-5™	Homogenized trace minerals
HumaCal®	Calcium, sulfur & humates
Compost crumbles	Highly available NPK and soluble Ca

At 200 lbs/ac, this blend provides 10-28-32, plus 22 pounds sulfur, 3 pounds magnesium, 7 pounds calcium, as well as zinc, manganese, copper, and boron. It contains less than 1 percent chloride.

Typical Industry Blend: 9-23-30	
Ingredient:	Description:
DAP	18-46-0
Potassium chloride	0-0-60

At 200 lbs/ac, this blend provides 18-46-60. While it does supply NPK, it contains no secondary nutrients or trace minerals. It also contains 23 percent chloride. Fertilizers with high chloride content can harm soil structure and provide less nutrients (by density) than Midwestern BioAg blends.

Higher-Quality Ingredients; Balanced Plant Nutrition

Midwestern BioAg fertilizers go beyond NPK to deliver calcium, sulfur and trace minerals to build soil organic matter and nutrient availability while improving yields. Our fertilizers are:

- **Balanced.** We balance and blend the right nutrients for your soil and crops, optimizing yields and quality. We address yield-limiting factors by complementing NPK with calcium, sulfur, trace minerals and carbon to feed soil life and increase nutrient availability.
- **Healthier for the Soil.** Some fertilizers can negatively impact soil life and plant health. Our fertilizers contain materials that stimulate and support both soil microbes and plant roots.
- **Available Season-Long.** Most fertilizers give plants a quick charge for a short period of time; ours deliver nutrients throughout the growing season. We mix soluble nutrients with others that are available season-long, enhancing nutrient uptake and performance throughout the year.

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