



# more than manure<sup>®</sup>

## Nutrient Manager

More Than Manure<sup>®</sup> Nutrient Manager is the only product on the market proven to reduce phosphorus lock-up and nitrogen loss when applied to livestock manures. By reducing valuable nutrient loss from your manure applications, it can help you see better overall crop performance and increased yield potential.

	Liquid Manure Systems	Dry Manure Systems
Application Rate	18 oz. per acre	
Application Method	<p><b>Full Pits or Lagoons:</b></p> <ul style="list-style-type: none"> <li>• Add MTM™ to the pit or lagoon and agitate before pumping</li> <li>• If agitation is not available, add product to the load-out truck or honey wagon during fill</li> </ul> <p><b>Partially Filled Pits or Lagoons:</b></p> <ul style="list-style-type: none"> <li>• Add all MTM required to treat full pit or lagoon when pit or lagoon is 25% or more full</li> </ul>	<ul style="list-style-type: none"> <li>• Spread dry manure on field per current operating practices</li> <li>• Apply MTM at 18 oz. per acre with a minimum of 15 to 40 gallons of liquid fertilizer, water or combination of within 48 hours of spreading the manure</li> </ul>
Product Packaging	Available in 2.5 gallon jugs and 250 gallon totes	
Product Benefits	<ul style="list-style-type: none"> <li>• Crop rotation flexibility</li> <li>• Non-toxic to livestock and soil bacteria</li> <li>• No specialized mixing/application equipment required</li> <li>• Reduces phosphorus fixation/lock-up in the soil</li> <li>• Protects from both nitrogen volatilization and leaching</li> <li>• Slowly biodegrades leaving no environmental footprint</li> <li>• Can reduce ammonia levels in your confinement barns</li> <li>• Can reduce solids in lagoons or pits</li> </ul>	
Uses	More Than Manure is specially formulated for use with all manures and litters, liquid or dry.	

### Liquid Equation Chart:

$$\frac{\text{Total pit, lagoon, load-out truck or honey wagon gallons}}{\text{Gallons of manure applied per acre}} \times \frac{18 \text{ oz. per acre}}{128 \text{ oz. per gallon}} = \text{Gallons of MTM to add to the pit, lagoon, load-out truck or honey wagon}$$



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### **WHAT IS MORE THAN MANURE<sup>®</sup>?**

More Than Manure Nutrient Manager, known as MTM<sup>™</sup>, is a manure fertilizer manager formulated for all manures and litters, liquid or dry. MTM is the only manure fertilizer manager proven to reduce phosphorus lock-up and nitrogen loss from volatilization and leaching.

### **HOW LONG IS MTM EFFECTIVE IN THE SOIL?**

From application until harvest, MTM helps improve N and P manure fertilizer efficiency.

### **WHAT RESEARCH HAS BEEN DONE ON MTM TO PROVE ITS EFFECTIVENESS?**

SFP is in the process of gathering, cataloging and recording data from hundreds of independent, third-party research field trials. Proven responses with accompanying data findings have been collected from the U.S. states and crops listed below. Research data is continuously updated as it is obtained from test plots across North America.

**STATES:** Iowa; Georgia; Maryland; Michigan; Minnesota; Missouri; New York; North Carolina; Ohio

**CROPS:** Corn; Grass/Forage; Wheat

### **IS THERE AN ADDITIONAL TIME INVESTMENT ASSOCIATED WITH APPLYING MTM?**

Very minimal; actual time investment associated with using MTM depends on the specific mixing, containment/application equipment and process.

### **CAN I USE MTM WITH AVAIL<sup>®</sup> AND NUTRISPHERE-N<sup>®</sup>?**

MTM is made for manure use only; however, it can be used on the same field as P treated with AVAIL or N treated with NutriSphere-N.

### **SHOULD MTM BE APPLIED IN THE SPRING OR FALL?**

Depending on the nutrient management plan, MTM can be applied in the spring or fall.

### **IS THERE ANY ENVIRONMENTAL IMPACT WITH THE USE OF MTM?**

MTM leaves no environmental footprint and is non-toxic to livestock and soil bacteria.

### **IS MTM SPECIFIC TO A SPECIES OR CROP?**

MTM is formulated for all manures and litters – liquid or dry – and works for all crops, in all regions without any crop rotation restrictions.

### **CAN I PLANT SOYBEANS IN A FIELD THAT HAS BEEN APPLIED WITH MTM-TREATED MANURE OR LITTER?**

Yes. There is no crop rotation restriction associated with the application of MTM-treated manure or litter.

### **WILL MTM REDUCE THE SMELL OF MANURE OR LITTER?**

SFP has not conducted any formal studies testing smell or the reduction of odor; however, numerous MTM users have expressed a noticeable reduction of odor from the use of MTM.

### **CAN I USE MTM IN A NO-TILL PRODUCTION SYSTEM?**

All grower standard practices using manure fertilizer comply with MTM.

### **WHERE CAN I GET MORE INFORMATION AND LOCATE A DEALER NEAR ME?**

For more information and to find a dealer near you, visit [MoreThanManure.com](http://MoreThanManure.com) or call 1-888-446-GROW.

