

TEST ABBREVIATIONS

| | | | | | |
|-----------------------------------|-------------------------|-----------|-----------|-------------------------|---------------------------------------|
| DM | Dry Matter | Ca | Calcium | NH₄-N | Ammonium-Nitrogen |
| TKN | Total Kjeldahl Nitrogen | Mg | Magnesium | NO₃-N | Nitrate-Nitrogen |
| P₂O₅ | Phosphorus | Cu | Copper | EC | Electrical Conductivity/Soluble Salts |
| K₂O | Potassium | Fe | Iron | OM | Organic Matter |
| | | Mn | Manganese | Est. C:N Ratio | Estimated Carbon to Nitrogen Ratio |
| | | Na | Sodium | WEP | Water Extractable Phosphorus |
| | | Zn | Zinc | | |

HOW TO COLLECT A MANURE SAMPLE

Solid Manure: To collect a representative sample, take several sub-samples from different areas of the spreader and mix together thoroughly in a clean container. Fill the plastic sample jar to the fill-line, or about three-fourths full, with this mixed, composite sample. Avoid overfilling the sample jar. For a more accurate composite sample, collect sub-samples from several spreaders in a row.

If solid manure is stored, collect samples from 6-10 locations of the storage area and mix thoroughly in a clean container. Fill the plastic sample jar to the fill-line, or about three-fourths full, with the mixed, composite sample. Avoid overfilling the sample jar.

Liquid Manure: Agitate the holding area for a minimum of several hours, then collect a sample every 10-15 minutes while still agitating (minimum of 6 samples). Another method is to extensively agitate, then quickly take 6-10 samples in different parts of the holding area. Thoroughly mix the samples by pouring them back and forth in 5 gallon pails four to five times. Collect the sample from this composite mixture, filling the plastic sample jar to the fill-line, or about three-fourths full. Avoid overfilling the sample jar.

HOW TO SUBMIT YOUR SAMPLE

1. Use the 1 pint plastic container provided by AgSource Laboratories for your samples. **Fill the container to the fill line or only 3/4 full. Unapproved containers will not be accepted – no glass or reused plastic bottles.**
2. Make sure container lid is secure and affixed properly.
3. Clean any sample from the outside of the container.
4. Clearly label all containers and fill out submittal forms completely.
5. Place the sample container in the plastic bag provided. Make sure the plastic bag is sealed correctly.
6. **Do not put the submittal form inside the plastic bag in case of leakage.**
7. Prior to shipping make sure sample is secure and well packed in shipping container.
8. Ship to one of our manure testing laboratories. If shipping cannot occur the same day it is recommended that samples be refrigerated or frozen until they can be shipped. Do not let manure samples sit in hot areas for any period of time.
9. Expect results within 5 - 7 business days upon laboratory's receipt of sample.

NO GLASS OR REUSED PLASTIC BOTTLES WILL BE ACCEPTED