

MANURE AND SOIL HEALTH

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ANDY SCHOLTING
PRESIDENT/GENERAL MGR

NUTRIENT ADVISORS

A service based company that is focused on assisting livestock producers and their crop producing neighbors in reducing risk by incorporating knowledge of regulations and agronomics in order to facilitate environmental compliance of the operation and maximize the utilization of their manure resources.







WHY IS MANURE SO EFFECTIVE?

- The best source of nutrients and lots of them!
- Organic material builds OM in the soil as well as increases water infiltration and holding capacity
- Dramatically increases yield!



Manure Fertilizer - providing producers with a competitive advantage that was realized over a century ago.

Manure is one of the most effective means at the disposal of the farmer to permanently improve his soil. No other fertilizer possesses to so great a degree the power of restoring worn soils to productiveness and giving them lasting fertility. It accomplishes this result, however, not only by the actual fertilizing constituents which it supplies, but also improves the physical properties of the soil, increasing the amount of humus, which is generally deficient in worn soils, improving its texture and increasing its water-absorbing and water-holding power. Its value to the soil can scarcely be measured, for no other substance has equal power in maintaining permanent fertility.

(ISU, *Farm Manures*, 1907)

WE ALL WANT THE SAME THING

- Agronomics
- Economics
- Environmental



- Right Product
- Right Place
- Right Rate
- Right Time

= Clean Water, Highest Yields and Most Profit

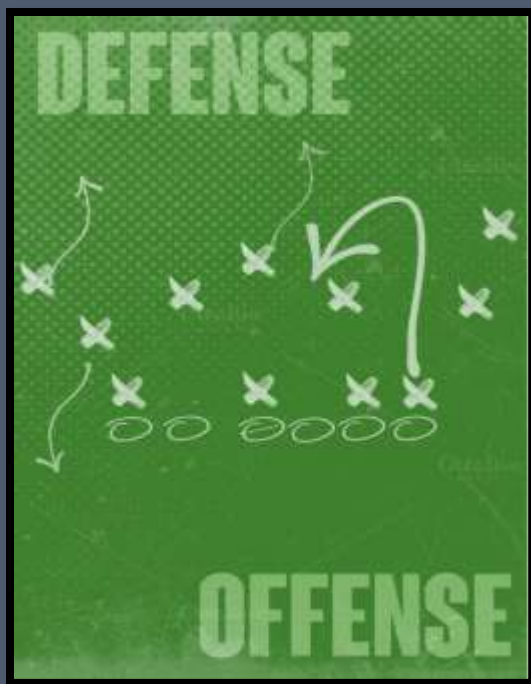


PURPOSE

- Fertilizer Replacement
- Repairing Worn Soil/Farm Improvement
- Organic Matter
- Soil Health
- MAXIMIZING YIELD / ROI

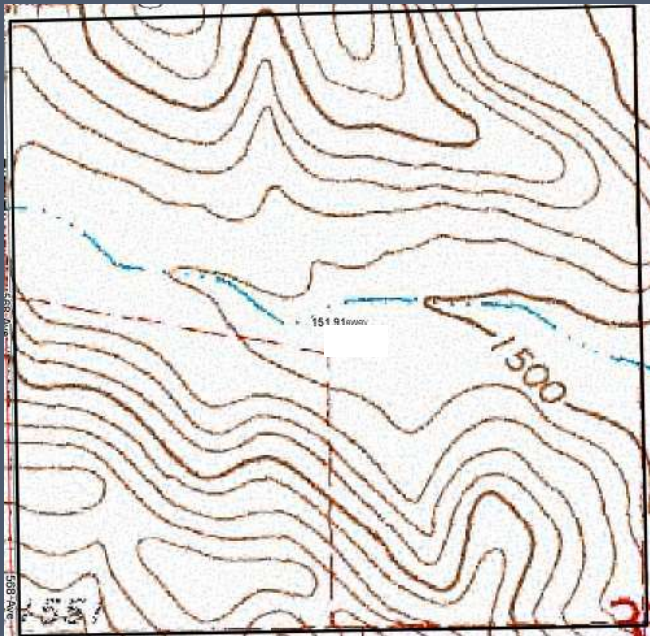


MANURE IS AN OFFENSIVE WEAPON FOR DEFENSIVE FARMS?

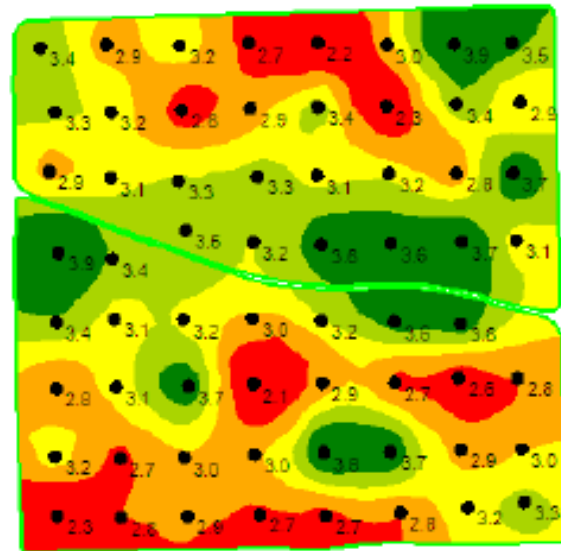


- Water Holding Capacity
- Organic Matter
- Abundant Fertility
- Better Production = More Roots/Residue = Soil Protection

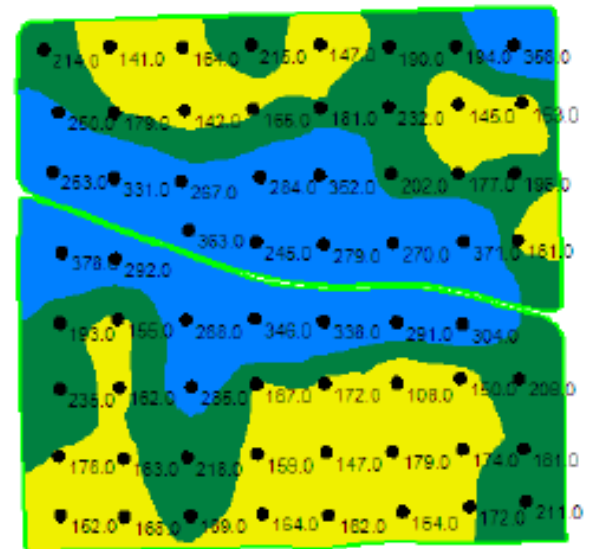




OM (2017)



K (2017)



QUESTIONS

