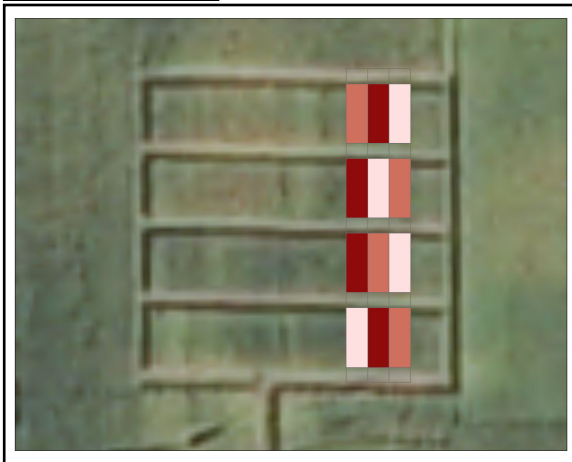





Steffen Corn on Corn No-till Mosaic Microessentials® MESZ



Steffen - MESZ Trials

Product, LbsProduct

-  MESZ, 0
-  MESZ, 80
-  MESZ, 40

4Rs

- Right Rate: 3 Rates, 0, 40, 80
- Right Placement: subsurface

MESZ Rate	Yield
0	143
40	156
80	144

Summary

A soil test of the field showed a relatively low phosphorus level, so we demonstrated the Mosaic Company's MicroEssentials® applied as a side-dress (plant nutrients placed on or in the soil near the roots of a growing crop to provide an additional boost in available phosphorus). MicroEssentials® allows uniform nutrient distribution and provides essential nutrients crops need in one granule, with two forms of sulfur for season-long nutrition. The MicroEssentials® MESZ product demonstrated modest increase in yield applied as a side-dress application.

Take Home Lessons

- MESZ showed a 7 bushel yield response with a late sidedress application
- Applying phosphate under the soil surface that potential to reduce P runoff
- Different application methods need to be studied further

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