

Exactrix Plots a Solution.

Thio-sul® gets a little more, about 11 bushels. KTS gets a little more.
 Stabilized Nitrogen with Thio Sulfates Compared to N Serve.
 Fall Banded. Kevin Medow, Land Values ready for upward trend.
 It takes Less to Raise More.

2015

Nitrogen Stabilization Fall Banding
 Kevin Medow, Seward/Tamora Nebraska.

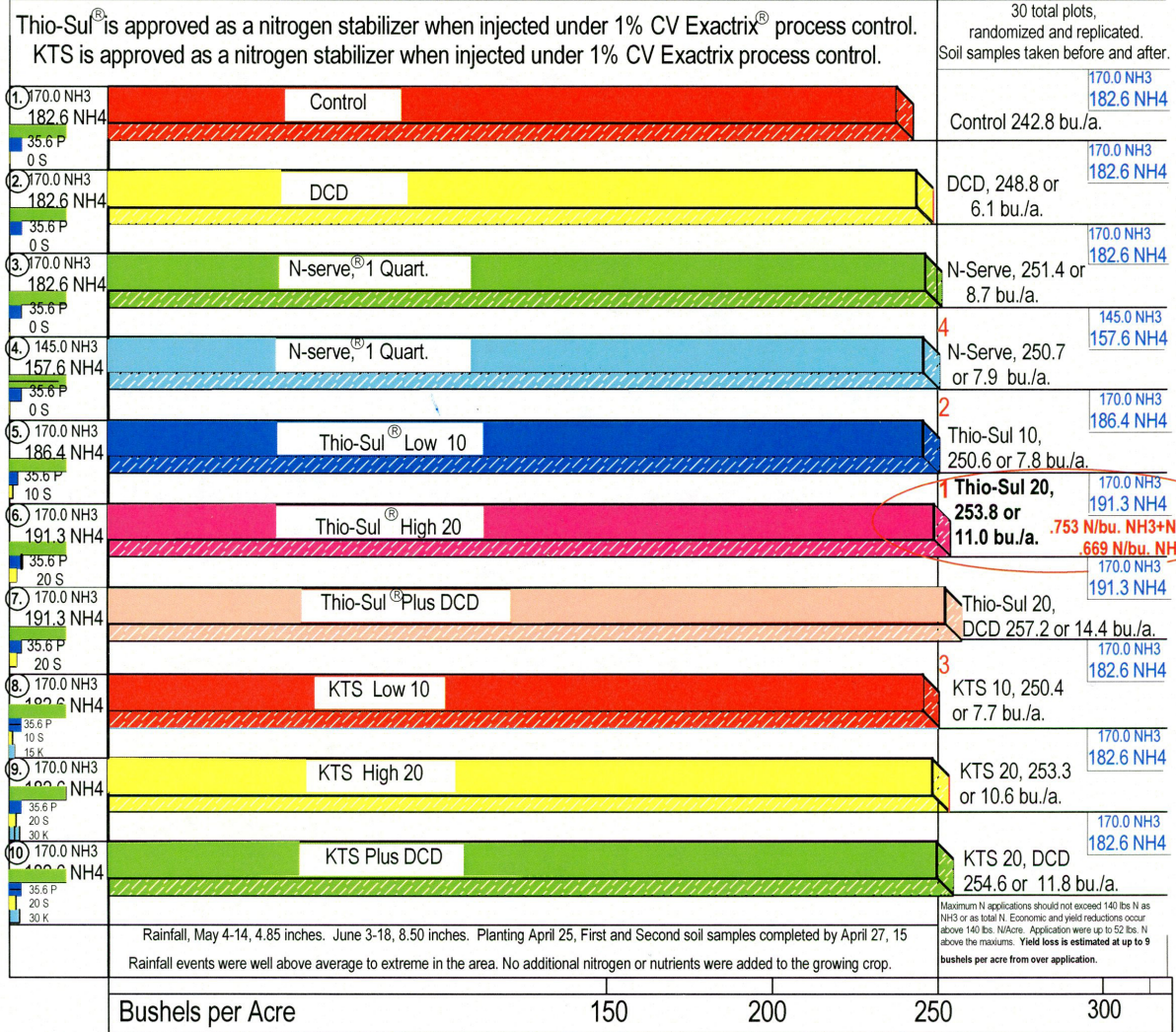
CORN

Exactrix® nitrogen test data supplied by Bert Bock Consulting, Jim Schepers, Dennis Francis, USDA-ARS ret. Funding provided by TKI and Exactrix.

STEEP plots, randomized and replicated at 2.1 acres, 30 total.
 Maximum returns at 253 bu/A at .669 lbs of N/Bu as NH3 per bushel produced.
 Plots LSD at 3.5 bu. regarded as high quality test plots.

November 2015
 TAPPS formulation
Thio-Sul® performs as good or better than N-Serve® in stabilizing nitrogen.

No-tillage, Single Disc Mustang Dec. 14.
 1. Exactrix low 1% CV, NH3 application.
 2. Exactrix 2KP, Crystalline TAPPS.



Line 4, 157.6 lbs. of Exactrix N as NH4 with 9 gallons APP/N-Serve Fall Banded at Seward/Tamora, NE. results in .629 lbs. N per bushel.

Line 1, Control, 182.6 lbs. of Exactrix N/P at 242.8 bu./A results in .752 lbs. N per bushel.

Line 1, Control at 182.6 lbs. N/P has a 7.9 bu. cost and yield penalty due to over application of nitrogen. Compared to Line 4, 6 and 9.

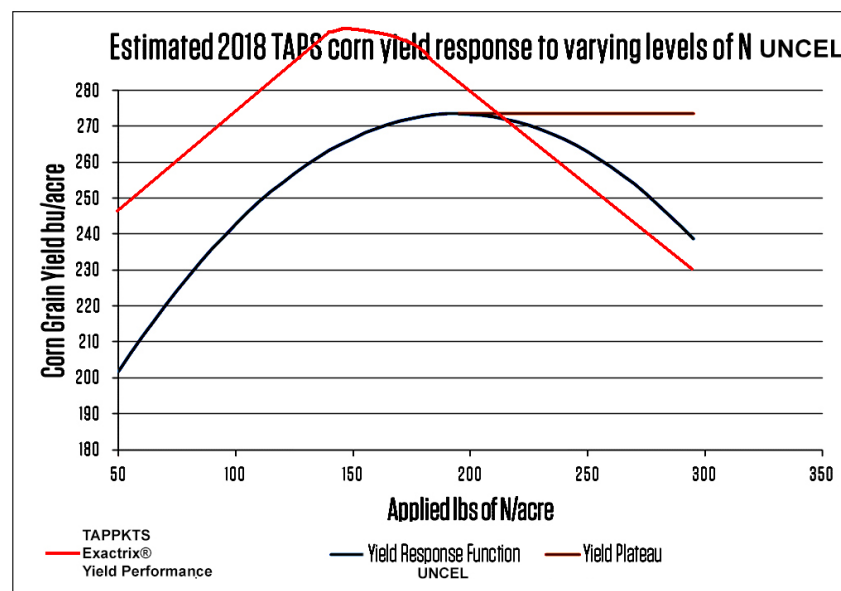
Line 6, 191.3 lbs. of N total 3 products as NH4 combined with 7 gallons Thio-Sul 9 gallons APP, results in .756 lbs. N per bushel.

Line 9, 182 lbs. N total in 3 products with 7 gallons APP, 10 gallons KTS results in .735 lbs. N per bushel.

Confirming 140 lbs. N, total of 3 products TAPPS and TAPPKTS applied Exactrix is good enough for economic yield performance.

Applications of Exactrix Nitrogen above 140 lbs. N reduces yield and performance.

N-serve has a loss of economic advantage when Thiosul or KTS is applied in the band with Exactrix NH3 and TAPPS or TAPPKTS.



- TAPPKTS+ Trafrix Zinc, Micros such as chelated Mn, Exactrix Yield Performance Curve.
- Tested 5 years, Mustang Deep Banded in Nebraska, Kansas, Conditions in 15 inch, 18 inch and 30 inch band spacings.
- Exactrix® P-51 C, Mustangs, 15 inch centers at depths of 7 to 8 inches in No-tillage, Fall and Spring Banding .