Strip Till vs Conventional or No-Till

Testing in 2018 showed a 5-6 bushel/A yield advantage in corn versus conventional tillage or no-till. The purpose of this research is to help farmers optimize yield while protecting soil from erosion. In this research, we compare stand establishment and yield in strip tillage vs conventionally tilled corn or soybeans.

WHAT WE NEED FROM YOU:

- Establish tillage plots in the fall or spring
  - On-Farm Network may be able to provide strip till machine depending upon location.
- Provide as planted and yield monitor data

WHAT ISA WILL DO FOR YOU:

We will provide:

- Imagery of the trial field
- A summary of trial results from your farm
- An aggregated data summary for all similar trials combined

Suggested Plot Layout:

Conventional till at a 4° angle. Suggested plot size is 2-4 rounds of the planter.

Note: RTK guidance is strongly recommended.

To get involved or for more information, contact your regional agronomist:

Matt Hoffman  
Northwest Iowa  
mhoffman@iasoybeans.com  
712-210-2100

Anthony Martin  
Northeast Iowa  
amartin@iasoybeans.com  
515-334-1048

Brett McArtor  
Southeast Iowa  
bmcartor@iasoybeans.com  
515-334-1037

Drew Clemmensen  
Southwest Iowa  
dclemmensen@iasoybeans.com  
515-339-4262