The approximate number of acres of corn grown in the U.S. is just about the size of the entire state of Montana!

97% of all corn grown in the U.S. is fertilized using a commercial nitrogen fertilizer.

Of nitrogen used to fertilize corn crops is lost due to poor management and is leached into the waterways or escapes into the atmosphere as a potent greenhouse gas.

50% of nitrogen fertilizer used more efficiently.

NCEI climate and weather data is being used to strengthen America’s economy by helping corn growers increase profits while decreasing environmental impacts by optimizing nitrogen fertilizer use.

NCEI climate and weather data powers the ADAPT-N tool to help farmers apply just the right amount of fertilizer.

On average ADAPT-N saves farmers $30 per acre on average can be saved by a 1000 acre farm each year. 28% of corn production comes from farms larger than 1000 acres.

$27,000 could be saved if ADAPT-N was used for all corn in the U.S. That’s enough dollar bills to cover 6400 acres.

$2.7 Billion could be saved if ADAPT-N was used for all corn in the U.S.

Over 2 years of strip-trial testing, Adapt-N reduced fertilizer use 90% of the time.

$1.7 Billion Current annual cost of removing nitrates due to fertilizer pollution from U.S. drinking water supply.

Fertilizer is the leading source of water quality degradation to U.S. rivers and lakes and the second biggest to wetlands.

One ton of nitrous oxide is 298 times as potent as one ton of carbon dioxide.

ADAPT-N saves farmers money and helps reduce the impact on the environment...