



Increases Organic Corn Yield by 32 bu/ac!

Allganic™ Nitrogen is a natural source of Nitrate-Nitrogen (N) obtained from the Atacama Desert in North Chile.

It is often referred to as "Chilean Nitrate".

A 3 year field trial on organic corn with two treatments and four replications was conducted in cooperation with Iowa State University to evaluate the use of **Allganic™ Nitrogen** to provide 20% of the crop N requirement.



www.allganic.net



Natural Source of Nitrate-Nitrogen

The two treatments were:

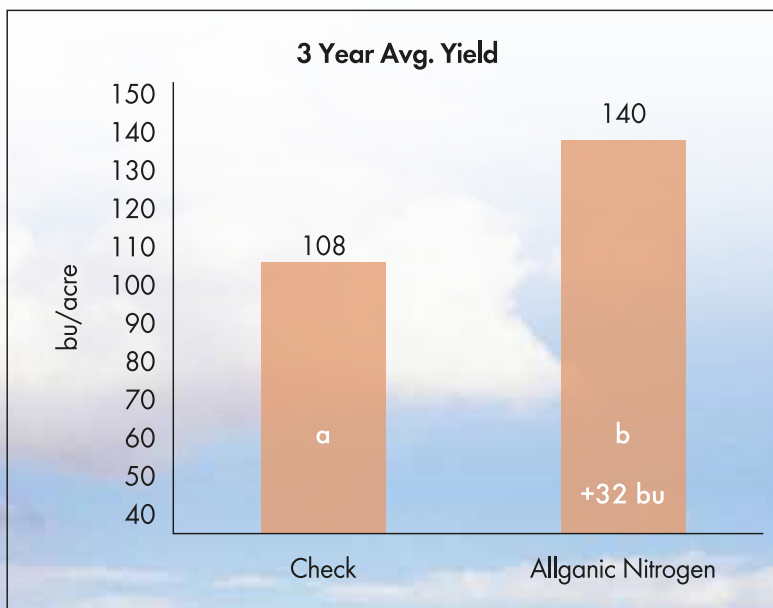
Check plot:

- 5,800 gal/ac of liquid swine manure the first season
- 3 ton/ac of chicken manure the two following seasons

Allganic Nitrogen Plot:

- The same amount of manure as the check plot
- PLUS a dry, banded side-dress application of 225 lbs **Allganic Nitrogen** to supply 20% of the corn N demand (36 lb N/ac) for a yield target of 160-180 bu/ac.
- Timing of application was 30-40 days after planting (knee high).

Results:



**Yield increase was statistically significant at the 95% confidence level*

This amounts to over \$ 300 /ac increase in gross farmer income at today's organic corn prices.

