

**MINERAL
COMPANIES
PROCESSING**

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**2008
Growing Season**

**Pelletized Lime
& Pelletized Gypsum**



Sweet Corn

Research shows that Pelletized Gypsum made a difference in Sweet Corn in 2008!

In 2008, we designed a trial to test the response to yield and quality of sweet corn as a direct result of Pelletized Gypsum applications.

Treatment 1:

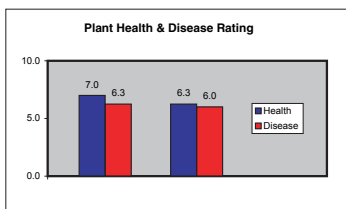
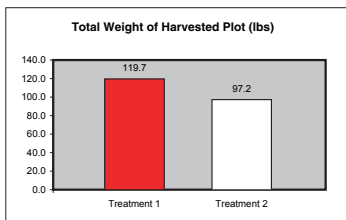
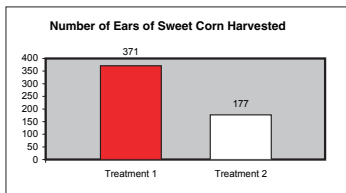
Pelletized Gypsum 300 lbs
10-10-10 600 lbs
Potassium Sulfate 300 lbs

Treatment 2:

10-10-10 600 lbs
Potassium Sulfate 300 lbs

Product Description:

Pelletized Gypsum supplies 21% calcium and 16% sulfur. The mined materials are first finely ground for quick availability to the soil and the plant. The resulting powder is then granulated into fertilizer sized pellets for easy mixing. Soil applications are extremely uniform and accurate.



Test Notes: OM-2%; CEC-7.7; Soil pH-6.6; Soil Fertility-"High"; 4 Reps; RCB Design

Discovery:

Pelletized Gypsum increased the number of ears of sweet corn significantly and the total weight by 23% over the untreated plots. Plant health and disease ratings were also better than the untreated plots.

Summary:

Calcium in Pelletized Gypsum proved beneficial for:

- Increasing the number of ears harvested
- Increasing the total harvested weight
- Improved plant health and less plant disease

Benefits of Calcium:

- Calcium is the most important fertilizer nutrient
- Calcium is the primary building block for cell division and flower formation
- Calcium aids in plant maturity and seed and fruit set
- Calcium improves disease resistance plant health
- Calcium plays a major role in increasing fruit firmness and adds to the storage life of the fruit for movement to distant markets

Contact your local fertilizer dealer or Mineral Processing for more information on Pelletized Lime and Gypsum
Mineral Processing Companies • (419) 344-5969

Visit our website at www.mineralprocess.com