

## BENIFITS

- 1.) Source of calcium (21%) and sulfur (17%) valuable nutrients readily available for plant production. Calcium (which is 200 times more available than calcium from lime) is essential for plant growth. Sulfur is an essential nutrient for all plants, especially legumes and a natural disease fighter, (especially root crops e.g. peanuts, potatoes).
- 2.) Pure Gypsum mined from the Fort Dodge, IA gypsum deposits is one of the purest deposits in the U.S. with 94% plus purity and no anhydride (non soluble) gypsum. Ground for spreadability and not mixed with any other product.
- 3.) Organically approved natural mineral for all crops.
- 4.) Improves soil chemistry , will reduce soil PH, improves acid soils, reduces aluminum toxicity, remediate stoic soils, will eliminate yellow of beans in low lying areas.
- 5.) Loosens soil. High magnesium causes soil to pack tightly. Calcium displaces (Mg) magnesium allowing it to combine with sulfur. The magnesium sulfate (Epsom salt) will leach down away from root zone. Combines with (Na) sodium to form sodium sulfate a salt which will leach down. Loose soil has better percolation and water holding ability. Requires less horse power for tillage.
- 6.) Improves nitrogen utilizations by allowing roots to grow deeper . Less nitrogen may be required if applying gypsum to soil. (Per Ohio State University)
- 7.) Reduce soil crusting, improves emergence and allows oxygen into root zone. Stabilizes phosphorus in soil. Will reduce phosphorus concentration in surface water runoff.
- 8.) Other benefits:
  - \* When applied in cattle lots, reduced hoof rot is found.
  - \* Improves manure quality when spread in fields.
  - \* When applied on floor of pig pens will reduce scouring.
  - \* Neutralizes the effect of dog urine on lawns.

