

Alfalfa and MK Pelletized Gypsum

Why is Calcium Sulfate Important to Alfalfa?

- It is critical that the Calcium to Magnesium ratio be at least 3.5 to 1.
- Soil with pH levels at or above 7.0, many times need calcium to enhance the Calcium to Magnesium ratio.
- Alfalfa consumes a large amount of calcium (much more than other crops).
- High forage production depletes the soil calcium levels.
- Calcium is a key element in the soil that enhances root development, plant health and nutrient uptake.
- Increases production tonnage.
- Proper calcium levels are critical in establishing new stands of alfalfa.

How can I determine whether or not I need Calcium Sulfate?

- If Calcium to Magnesium ratio is below 3.5, then adding calcium sulfate will move this ratio to the desired level.
- If you have a tight clay soil (Cation Exchange Capacity is High), then calcium sulfate will loosen this soil and enhance the infiltration of oxygen and water.

Why should I use MK Pelletized Gypsum?

- Pelletized Lime does not need to be incorporated.
- MK Pelletized Gypsum is ground into a fine powder using MK's unique pulverization process. Ground to 76% passing a 200 mesh screen before it is granulated.
- Calcium in its purest form is insoluble and must be in a small particle to immediately move into the "soil solution".
- Particle size is the key to translocation to the roots of the plant
- It is in a granule form that should be applied at a rate of 300-400 lbs per acre.
- Can be blended with other dry fertilizer and applied at any time.
- Contains 22% calcium and 16% sulfur.
- It is the most economical source of calcium and sulfur for alfalfa.



MK Minerals, Inc.

315 Houston St, Suite C, Manhattan, KS 66502

1-877-928-4362 or E-mail: amc@amcplus.com

or on the web: www.mkminerals.com

Plant location - Wathena, KS