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 **Organically-Approved Input Information Sheet**

OMRI-Listed Trio (“Organic Trio”)

Source:

Mined Sulfate/Sulphate of Potash Magnesia (aka Langbeinite), New Mexico

Analysis:

0-0-22-11Mg-22S

Product Notes:

Granular format

Uses:

- A good source of readily-available potassium, magnesium, and sulfur
- Recommended source of magnesium when calcium/pH is too high to allow for use of dolomitic lime and/or when magnesium levels are below crop requirements (Mg from dolomite releases gradually over 3 years)
- Not recommended as a potassium source when magnesium levels are already sufficient (use SOP instead)

Application Rates:

- Soil testing is the best way to determine potassium and magnesium requirements
- Long-term goal should be to maintain potassium at 2 to 5% base saturation, and magnesium between 11 and 20% base saturation, depending on soil CEC
- Magnesium should be a minimum of 100ppm (200lbs/ac)
- 300lbs/ac is considered a “maintenance level” when soil tests indicate a Mg deficiency
- 500lbs/ac will gradually build Mg/K levels in the soil
- Maximum recommended rate is 2200lbs/ac per year – not usually economical
- Readily-available nature of this product makes it feasible to apply for current crop requirements

Comments:

- Other common names/brands are Sul-Po-Mag and K-Mag
- Magnesium sulphate can be used to supply magnesium in cases where potassium levels are high/excessive

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