



DESCRIPTION

Manvert Salt is a liquid mixture of calcium and magnesium fitted with organic acids, for soil application.

FEATURES

Manvert Salt reduces the toxics levels of sodium salts, decreasing P.S.I. and S.A.R. levels, also reduces soluble salts (chlorides, sulphates etc) decreasing total salts levels (E.C.). **Manvert Salt** corrects the sodium degradation in the soil structure and helps to maintain a flocculated soil for good aeration and root penetration.

Manvert Salt contains a organic acids complex that solubilise the sodium, calcium and magnesium retained in the soil. Due to its high cation exchange capacity, replaces the sodium (Na^+) of water and soil. Through irrigation, sodium (Na^+) moves out of the bulb roots.

Manvert Salt corrects calcium deficiencies and helps to a better fertilizer assimilation. Manvert Salt improves fruit hardness, quality and enlarges fruit preservation. Manvert Salt also acts as a stabilizer of soil pH.

REMARKS

Manvert Salt is compatible with most commonly used fertilizers and pesticides of PHYTOGRAINES, except those of alkaline reaction.

CHEMICAL COMPOSITION

Calcium oxide (CaO) water soluble: 9,1% w/w (12,1% w/v)

Magnesium oxide (MgO) water soluble: 0,5% w/w (0,7% w/v)

Polihydrocarboxylic acids: 30% d.m.

pH: 3-4

APPLICATIONS ET USE RECOMMENDATIONS

Manvert Salt can be applied in all kind of crops, citrus, fruit, vegetables, tropicals, industrials, ornamentals and others if you want to decrease salinity, reduce soil electric conductivity levels, improve soil drainage, provide calcium and correct their deficiency.

Manvert Salt should be applied to the soil in split applications all over the crop cycle, especially on peak demanding of nutrients periods.

As nutritional intake of calcium.

- Fruit development an finish. Apply 3-4 l / ha every 10-20 days. Perform at least 4 applications per growing season
- Other calcium forms assimilation improvement. Apply 1-2 l/ha weekly in order to improve calcium nitrate assimilation.

For soil flocculation (Soil type Manvert Salt rate in l/ha): clay (20-25), loamy soil (15-20), sandy (10-15)

As a saline-sodic soil corrector : The rate to be applied is related to soil analysis. As a general rule we can consider the followings average rates (Irrigation type Manvert Salt rate in l/ha): localized (drip, microjet etc.): 1-2 l/ha and week during all the growing season; sprinklers, pivot



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etc 2-4 l/ha and week during all the growing season.

As a saline water corrector, rates can vary depending on water analysis. Average rate is from 15 to 75 cc of Manvert Salt per m³ of water.

Problems and solutions:

1. Water penetrations, recommended rate: 40-100 l/ha per application and repeat if necessary.

2. Cracked soil when dries: 100- 200 l/ha and various applications.

3. Germination or emergence problem: Perform 3 applications at 40-120 l/ha.

3. Black alkali spots: successive applications of 150 l/ha.

To obtain better results with this product we recommend to use it by fertigation as part of a fertilizer programme.

Correctors / Conditioners

