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LEACH SOIL SALINITY LEACHING AGENT

GENERAL INFORMATION

The term "soil conditioner" is a generic term that refers to many types of agents that perform different actions on soils. The general result is an improvement on the physical properties of soils; i.e. leading to better moisture retention, aeration, infiltration, and most importantly, salt leaching.

SOIL CONDITIONERS

REPLACEMENT AGENTS; AN OLD CONCEPT:

Soils conditioners vary dramatically in their mode of action. Gypsum, and many other related products, performs some of the above roles. Gypsum mainly supplies soils with ample supplies of Calcium; and thereby replacing Sodium in a manner that pushes it out of the top soil and whence leads to its eventual loss by leaching. For Gypsum to do its work properly, it needs to be applied in amounts high enough to replace Sodium and flush it out of the soil system.

Many new products have been introduced to the market with the claim of reducing Sodium. Most of them have the Gypsum mode of action. In this respect, Gypsum remains the superior material not only because it is cheap, but also because it can furnish huge amounts of Calcium which enable it to do the task.

SOIL FLOCCULATION; A NEW CONCEPT:

LEACH has a totally different mode of action. **LEACH** flocculates soils. Flocculation is a process that leads to the formation of aggregates and pore space.

By creating soil aggregates, **LEACH** applications (at low rates) can have significant benefits to soils.

ADVANTAGES OF USING LEACH

- * Better soil infiltration rate.
- * Better ability of soils to leach out salts.
- * Better drainage.
- * Healthier soil population of beneficial micro-organisms.
- * Better wetting of subsoils.
- * More root proliferation.

DIRECTIONS FOR USE

FOR BEST RESULTS, **LEACH** SHOULD BE APPLIED TO SOILS AS A SURFACE SPRAY AND THEN FOLLOWED BY HEAVY IRRIGATION.

This can be done by boom spraying, fertigation, and/or injection in the overhead irrigation system and followed by irrigation.

RATES OF APPLICATION:

- Field Crops: 2-3 Lt/Ha before base-feed application.
- Orchards and vineyards: 2-3 Lt/Ha in winter and before base-feed application.
- Broadacre: 1.5-2 Lt/Ha before the rainy season begins.
- Greenhouse crops: 2-3 Lt/Ha every 6-8 weeks.

TIMING OF APPLICATION:

LEACH can be applied at any time and during any stage of growth. It is however best applied in Autumn and/or land preparation and before any base feed applications are done.

LEACH is a product of INM Pty. Ltd. . It is fully Australian made and owned.