

SOIL



# MAXIPLX

## LIQUID SOIL CATALYST

**Maxiplex** is a concentrated liquid humic acid that can provide multiple benefits for problem soil conditions. The complexing action of **Maxiplex** can decrease nutrient tie-up and promote availability of nutrients otherwise unavailable for plant uptake. **Maxiplex** has also been shown to encourage:

- Increased Nutrient Availability
- Improved Microorganism Activity
- Increased Exchange Capacity
- Improved Water Availability
- Chelation of Micronutrients

**Heavy clay** soils develop compaction which leads to nutrient tie-up, uneven moisture availability, restricted root penetration, and insufficient oxygen.

**High sand** content soils are characterized by excessive nutrient and moisture leaching, low cationic exchange capacity, low organic activity, and localized formation of “hot spots” and algae.

**Maxiplex's** powerful cationic exchange capacity flocculates clay particles and conditions sand soils for assisting with these issues and other factors limiting the healthy functioning of soils.

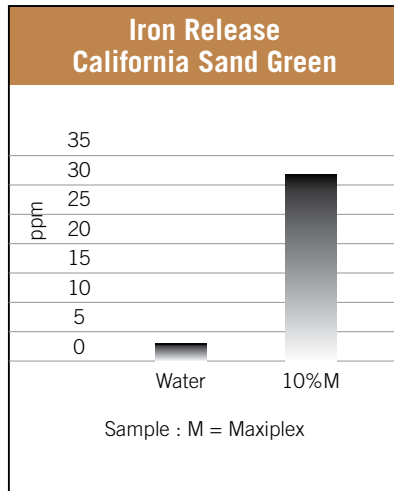
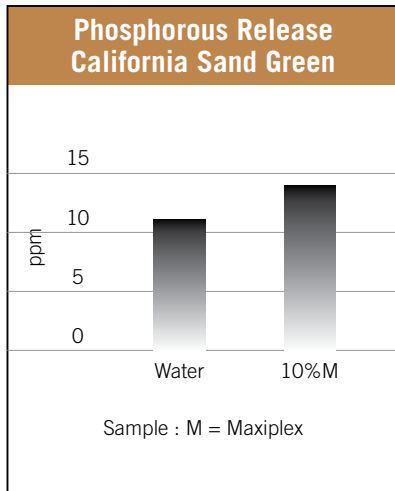


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nutrient release

## TECHNICAL INFORMATION



Data from MDSHarris Labs - January 14, 2002

### ACTIVE INGREDIENTS

Organic Matter  
(% on gross weight) . . . 20,0%

Derived from leonardite ore and  
vegetal compost.

Net Weight: 1,040 kg/L

### Superintendent Tips

- **Calphlex** and **Maxiplex** in combination soil spray applications have proven results in soil flocculation and nutrient availability.

## PROFESSIONAL USE GUIDELINES

**COMPATIBILITY:** **Maxiplex** is compatible with most fertilizers. As a precaution, **Maxiplex** should be mixed only in solution with pH above 5,8. When compatibility is unknown, always use a test method to determine compatibility before tank mixing. **PRECAUTION:** **Maxiplex** is incompatible with calcium nitrate and the mixing of the two products should not be attempted.

**METHODS OF APPLICATIONS:** Generally, **Maxiplex** may be applied by any equipment that delivers an even spray mist to the desired area. **Maxiplex** must be watered in soon after application. Any mechanical means (such as aeration) that will allow a deeper penetration at first watering will greatly enhance the effectiveness of the product.

### GENERAL RECOMMENDATIONS:

**LAWN & TURF:** Apply **Maxiplex** at the rate of 10-20 litres per hectare. These applications should be made in addition to the regular fertilizer program. If severe compaction is present, an initial application of 30-50 litres per hectare will be beneficial. Maximum benefit will be obtained when **Maxiplex** is used during aeration.

**GROUND COVER IN ORGANICALLY DEFICIENT SOILS:** Establishment of sod pieces and sprigs may be facilitated by the application of 15 litres per hectare immediately prior to setting.

**TREES, SHRUBS & VINES:** Mix 0,5-1 litre in 100 litres of water. (Apply to transplant hole and spray liberally over the soil as the hole is filled.



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