



Soil Amendment

INGREDIENTS: Humic acid from leonardite ore, kelp (*Ascophyllum nodosum*), compost extract and azomite.

Weight/Gallon: 8.46 lbs/gallon at 68°F or 1.02 kgs/liter

KEEP OUT OF REACH OF CHILDREN CAUTION

This product is intended for Agricultural Use Only
For handling and first aid precautions please see Material Safety Data Sheet.

STATE OF WASHINGTON

This product has been registered with the Washington State
Department of Agriculture Organic Food Program.

DIRECTIONS FOR USE

Soil Maximizer™ is a natural soil and plant amendment that supplies organic matter to the soil/root zone. Improvement of the physical characteristics of the soil leading to increased plant vigor may also result.

New Crop

Soil Maximizer™ may be used in close proximity to newly planted seed or newly developing root systems of transplants. Preplant applications should be placed into the intended root zone, and after fumigation where applicable. At planting applications should be placed on and around the seed at the time of planting. **Soil Maximizer™** is not toxic to seeds, roots or foliage. **Soil Maximizer™** is least suited for surface applications. Transplant applications can be made to the transplant site or by dipping the root ball of the transplant into **Soil Maximizer™**. For specific rates see DIRECTIONS FOR APPLICATION.

Established Crop

Soil Maximizer™ may be applied through the most convenient means. This includes but is not limited to irrigation injection (flood, sprinkler, micro-sprinkler, drip, etc.), side-dress, dribble, or drench. Applications to the root zone will concentrate the beneficial effects of **Soil Maximizer™**. Always mix **Soil Maximizer™** with water before application. For specific rates see DIRECTIONS FOR APPLICATION.

INCOMPATIBILITIES

Always jar test newly attempted combinations. Avoid strongly acidic conditions and high concentrations of free ammonia. Do not mix with Aqua Ammonia, Sulfuric Acid, Urea Sulfuric Acid, Phosphoric Acid, or Soil Fumigants. Do not place product in close proximity to anhydrous ammonia. No other known incompatibilities.

STORAGE

When handled in bulk quantities, storage in a cone bottomed tank is recommended to facilitate agitation. When stored in a cone bottomed tank, agitate 10 minutes prior to use. When stored in a flat-bottomed tank, agitate one hour before use. Avoid air blast agitation as foaming may result. If foaming does occur through normal agitation, use an approved food grade defoamer. Agitation is recommended once every month. Storage past one year is not recommended.

HANDLING

Follow appropriate safety procedures. In case of accidental exposure, flush with plenty of water. Minimum personal protective equipment (PPE) include gloves, eye protection and a respirator are recommended. Do not breathe product vapor. Do not allow product to contact open wounds. Product is non-hazardous.

AGITATE WELL BEFORE USING

DIRECTIONS FOR APPLICATION

General Applications: Use **20-40 gallons** per acre in a minimum of two applications during the growing season. Split applications should apply the majority of the material in the first application (2/3 of seasonal use), and the balance during the growing season (1/3). Example: Apply 30 gallons per acre in a minimum of two applications. The first application would be 20 gallons applied early season. Maintenance applications of 5-10 gallons can be made during the grand growth phase through the most convenient application means (water run, or side dress).

Banded Applications: For banded (shank injection, band drench or seedline dribble) applications the treatment area actually is the area covered by the band, not the total cropland planted; as such, the *treatment rate will be proportionately less than the broadcast rate per acre found below*. Apply the specified dosage to the soil around the seed and to the covering soil as it fills in the furrow. The product should be below the seed, and in the root zone as much as possible, with the exception of potatoes where it should generally be above the seed piece. The following formula can be used to calculate the amount of **Soil Maximizer™** needed per acre of crop when banded applications are made:

Band width (in.)

----- X Broadcast rate/A = Total needed per/A.

Row spacing (in.)

Application Rates:

Field/Row crops On seed/Under seed
Nursery treatments Drench

Gallons/Acre*

30-60
30-60

***The banded treatment rate will be proportionately less than the broadcast rate per acre**

CONDITIONS OF SALE AND WARRANTY

1. Seller warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon, Seller neither makes nor authorizes any agent or representative to make any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.
2. Critical and unforeseeable factors beyond seller's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon, and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by seller under 1. above) resulting from handling, storage and use of the material.

Manufactured in the USA by:



BioScientific, Inc.

4405 South Litchfield Road, Avondale, Arizona 85323

Orders: 800-USA-BIO1 Support: 877-4BIOSCI

Lot# _____

NET CONTENTS:

_____ BULK _____ GALLONS/ _____ BULK _____ LITERS