



# Agri Humic 90

## Humic Acid Soil Amendment

**Agri Humic 90 is a water-soluble granular product, containing potassium salts, humic and fulvic acids extracted from leonardite.**

Agri Humic 90 is extracted from leonardite, providing a high content of humic and fulvic acids and contains natural trace elements. For use as a soil amendment and conditioner, Agri Humic 90 stimulates the activity of soil microorganisms and improves soil structure.

Application of Agri Humic 90 early in the growing season prevents the immobilization of nutrients, especially phosphorus, and increases the uptake of key nutrients by the crop. It is especially useful for sandy and clay soils and in situations such as no-till cultivation, which can present a challenging environment for seed germination and establishment.

### **BENEFITS**

- **EASY TO APPLY MICROGRANULAR FORMULATION**
- **INCREASES AND STIMULATES BENEFICIAL MICROORGANISMS**
- **ACTS AS A NATURAL CHELATOR FOR MICROELEMENTS, PREVENTS LEACHING AND INCREASES THEIR AVAILABILITY TO PLANTS**
- **PROMOTES VIGOROUS GROWTH OF ROOTS, ESPECIALLY WITH SEEDLINGS AND YOUNG PLANTS.**
- **INCREASES NUTRIENT UPTAKE**
- **PROVIDES ORGANIC MATTER, ENHANCES THE SOIL CATIONIC EXCHANGE CAPACITY AND REDUCES SALINITY**
- **IMPROVES SOIL STRUCTURE**
- **FACILITATES THE INFILTRATION OF SURFACE WATER, INCREASES THE RETENTION OF WATER IN THE SOIL**

## PHYSIOCHEMICAL PROPERTIES

Formulation:.....Black Microgranular  
 pH:.....8.0 - 10.0 @ 20°C  
 Solubility:.....100% soluble  
 Electrical Conductivity:.....0.55dS/m  
 Dry Matter:.....90-95%

## GUARANTEED ANALYSIS

Humic Acid.....45%  
 Hydrophobic Fulvic Acid.....12%

Crop	RATE (PER APPLICATION)	APPLICATION (SOIL OR FERTIGATION)
<b>Vegetables</b>		
Greenhouse crops	2.2 lbs/acre (2.5 Kg/Ha)	3 - 4 applications per season from transplanting at 10-14 day intervals. Or 6 lbs per 100 cubic ft (1 Kg/m3) during preparation of substrate
Fruiting Vegetables		3 - 4 applications from planting at 10-14-day intervals. Or 22 lbs (10 Kg) applied as a single application during establishment
Leafy Vegetables		
Bulb Vegetables		
Strawberries		
Cucurbits		3 - 4 applications per season from sowing. Or 6 lbs per 100 cubic ft (1 Kg/m3) during preparation of substrate
Ornamentals		
<b>Woody Perennials</b>		
Pome Fruit	2.2 lbs/acre (2.5 Kg/Ha)	Applications at 14-day intervals from early sprouting. Or 22 lbs (10 Kg) applied as a single application during establishment
Stone Fruit		
Citrus		
Nuts		
Grape		
Coffee		
Tropical crops		
Blueberries		
<b>Broad Acre</b>		
Cereals	2.2 lbs/acre (2.5 Kg/Ha)	3-4 applications from sowing. Focus applications during establishment and intense vegetative growth. Or 22 lbs (10 Kg) applied as a single application during establishment
Potato		
Sugar beet		
Rice		
Cotton		
Legumes		
Grass Seed		
Oilseed Rape		
Tobacco		

**Can also be used as a foliar spray:** Dilute 5-10 ounces/27 gal water (150-300g/100L) and apply at 14-21 day intervals once crops are established. Liquid application can also be used at the base of trees in orchards. Can be combined with fertilizer or fungicide applications.

**To use as a seed treatment:** Apply 2.25 lbs per 220 lbs seed (1 Kg per 100 Kg) as a final seed coating. Can be mixed with Rhizobia.

To order Agri Humic 90 please contact your local retailer location or call 984 292 1977

Agri Sciences Biologicals brings new and innovative bio-based input solutions to the agriculture industry through our development and manufacturing expertise. We are partnering with global and regional companies who wish to develop and supply biological solutions for their customers.

Our mission is to be a globally recognized and trusted partner in agriculture by providing products of proven quality and efficacy; developed through the power of biology and natural chemistry.

Learn more at [agri-sci-biologicals.com](http://agri-sci-biologicals.com)