



HUMIPLEX CP900

Potassium salts of humic acids, soluble granules

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1. PRODUCT DESCRIPTION

HUMIPLEX CP900 is a concentrated potassium humate substance obtained by the alkaline hydrolysis of European leonardite (Leonardite is principal source of HUMIPLEX CP900) which is a water soluble high quality crystalline plant growth stimulant and soil conditioner.

HUMIPLEX CP900 can be applied to all agricultural and horticultural plants by soil and foliar application. HUMIPLEX CP900 enables the phosphorus and micro-elements in the soil to become more plant available. HUMIPLEX CP900 can be used alone or mixed with most fertilisers.

2. PRODUCT SPECIFICATIONS

a) Chemical analysis

Potassium humates : 80-85 %
Potassium (as K₂O dry matter) : 10-12 %

b) Physical analysis

Dry matter : approx. 85-90 %
Micronutrients, including iron (Fe) : 3.0 %
Solubility in water : 100 %
Bulk density : approx. 600-650 g/l
pH (1 in 100) : 9 +/- 5 %
Product type : soluble granules

3. BENEFITS

- Increases yield and quality of plants
- Improves soil structure and increases water holding capacity over period of time
- Increases and stimulates beneficial micro-organisms
- Enhances soil cation exchange capacity (CEC)
- Increases the efficiency of fertilisers, especially P2O₅
- Actively promotes root development
- Helps decrease stress caused by drought
- Seed germination and development of radicles is enhanced
- Reduces residues of herbicides and toxic substances in soil

4. DIRECTIONS FOR GENERAL USE

In all crops	5-7.5 kg/ha divided into several doses (1-2 kg/ha) covering the growing season
Vegetables in greenhouses	7.5 kg/ha divided into several doses (1-1.5 kg/ha)
Horticultural fruit trees	7.5-10 kg/ha divided into several doses (1-2.5 kg/ha)
Open field vegetables	7.5 kg/ha divided into several doses (1-2.5 kg/ha)
Cereals, potatoes, legumes	7.5 kg/ha divided into several doses (1-2 kg/ha) during season and at the time of fertiliser application
Ornamental plants and tree nursery, turf grass, Landscaping (in general)	7.5 kg/ha divided into several doses (1-2 kg/ha) or 1 kg/m ³ during the preparation of substrates
Foliar application	150-300 g/1000 l water every two weeks during season

With time, farmers and growers will develop their own more detailed application rates.

5. PACKINGS

- 4 x 5 kg bags in a box
- 10 kg cartons