

**Typical Analysis**  
W/V (Dry Basis / Liquid Basis)  
Humic Acid 10%  
Organic Matter: 8 - 9%  
Inorganic Matter: 6 - 6.5%  
Total Nitrogen (N): 5%  
Available Phosphate (P2O5): 0.01 - 0.02%  
Soluble Potassium (K2O): 2.0 - 2.5%  
Magnesium (Mg): 0.1 - 0.15  
Sulfur (S): 0.2 - 0.3%  
Calcium (Ca): 0.2 - 0.25%  
Chlorine (Cl): 0.5 - 0.6%  
Iodine (I): 90 - 95 ppm  
Iron: (Fe): 200 - 250 ppm  
Copper (Cu): 5 - 6 ppm  
Zinc (Zn): 2 - 3 ppm  
Boron (B): 12 - 20 ppm  
Manganese (Mn): 2 - 3 ppm

# HumateK

## 10

## Natural Liquid Fertiliser

### BENEFITS

- Environmentally safe
- Water soluble, easy to apply, economical and faster acting
- Suppresses soil and root pathogens
- Increases crop yield
- Aids in root formation
- Stimulates plant enzymes and hormones
- Accelerates seed germination
- Improves soil fertility and soil microbial activity
- Chelates soil nutrients
- Promotes plant nutrient uptake
- Suppresses disease, heat stress and frost damage
- Promotes antioxidant activity

### DIRECTIONS

(Shake Well Before Using)

**USE 50 MESH SCREENS:** Check compatibility with pesticides or liquid fertilizer before full scale tank mix.

### SOIL APPLICATIONS

By itself use 10L - 20L per hectare in ground application equipment or sprinkler irrigation runs. May be used in direct seeded crops. It may also be used in combination with starter or pop up fertilizers, 5 to 7.5 ltr per hectare .

### FOLIAR APPLICATIONS

Fruit, vegetables, root crops, grain, grass, turf, flowers, etc. (one application 10L / Ha mix with minimum 200L water, second application after 4-6 month at 10L/ha)

### TANK MIXING

Humate K can be tank mixed with herbicide solutions to increase the effectiveness of the herbicide and reduce plant stress. In sustainable agriculture and lawn care programs Humate K can reduce herbicide requirements up to fifty percent in year one.

**PESTICIDE COMPATIBILITY:** Humate K is compatible with most insecticides, herbicides, miticides, fungicides and foliar fertilizers.

It may be incorporated into existing spray programs. Add Humate K to the water prior to the pesticides. Perform jar compatibility test prior to full scaled tank mixing when using previously untried combination.

**Aerial Application:** (1:2) Apply 1 Litre with 2 Litres of water per hectare as booster application.

Soil treatment (Aerial) 1:2 (10L to 20L of Water per Hectare).

Plant Type	Rate Per Hectare	1st. Application	2nd. Application	3rd. Application
Beans, Peas	400mls /100L WATER	4 Leaf	First Bloom	First Pod
Carrots, Onions, Turnips	400mls /100L WATER	21 Days After Emerg	Root Enlargement	Every 21 Days
Broccoli, Cauliflower	500mls /100L WATER	4-6 Leaf	Plus 14 Days	Heading
Cabbage	500mls /100L WATER	4 Leaf	Plus 10 Days	Heading
Corn	500mls /100L WATER	3 Leaf	30 Inch Growth	Tasseling
Peppers, Melons, Squash	500mls /100L WATER	6 to 8 Inch Growth	Pre Bloom	Fruit Set
Greens	500mls /100L WATER	4 Leaf		
Potatoes	500mls /100L WATER	Tuber Set	Plus 14 Days	Early Bloom
Tomatoes	400mls /100L WATER	6 - 8 Inch Growth	First Bloom	Fruit Set
Apples Pears	600mls /100L WATER	Green Tip	Pre-Bloom	Early Formation
Citrus	750mls /100L WATER	Early Bloom	Petal Fall	6 weeks prior to harvest
Grapes	500mls /100L WATER	At 25 - 30 cm.	Full Bloom	Berry Set
Stone Fruit	450mls /100L WATER	Bud	Full Bloom	Early Fruit Formation
Strawberries	400mls /100L WATER	Spring Growth	First Pre-Bloom	First Fruit Set



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