

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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