



HydraFlow

HUMIC 20

20% Liquid Humic and Fulvic Acids

HydraFlow Humic 20 is a blend of liquid humic and fulvic acids that when applied to soil assist in increasing microbiological activity, nutrient and organic status as well as maintaining soil fertility and structure.

Humic and Fulvic acids are complex organic molecules formed by the breakdown of organic matter in the soil. Humic acid contains many functional chemical groups that are highly active in chelating and mobilisation of plant nutrients. Humic acids stimulate microbial activity and help maintain soil fertility and structure.

THE FUNCTION OF HUMUS

Humus is a complex aggregate of brown to dark coloured substances, which originated during ancient decomposition of plant and animal residues. Chemically, humus is a very complex mixture of organic constituents, which originated in living plant tissue. The end result of microbial activity and breakdown of humus is known as HUMIC ACID.

The humic and fulvic acids in HydraFlow Humic 20 give the following benefits:

Biological Advantages:

- Stimulates plant enzymes
- Acts as an organic catalyst
- Encourages soil microorganisms
- Increases root respiration and formation
- Increases plant membrane permeability
- Increases nutrient translocation

Chemical Advantages:

- Increases soil cation exchange capacity

- Improves soil buffering capacity
- Rich in organic and mineral substances
- Retains water-soluble fertilisers in soil

Physical Advantages:

- Improves friability of soil (crumbliness)
- Improves soil aeration
- Increases water holding capacity
- Reduces soil erosion

GUARANTEED ANALYSIS	W/V%	W/W%
Humic & Fulvic Acids	20.00	18.20

CROP	RATE: L / Ha	MIN / SEASON
Vines	5 - 10	30 L / Ha
Broadacre	5 - 10	20 L / Ha
Vegetables	5 - 10	20 L / Ha
Tree Crops	5 - 10	20 L / Ha
Foliar	Product can be blended to foliar applications to assist with uptake and translocation.	