

F-20 Maxx



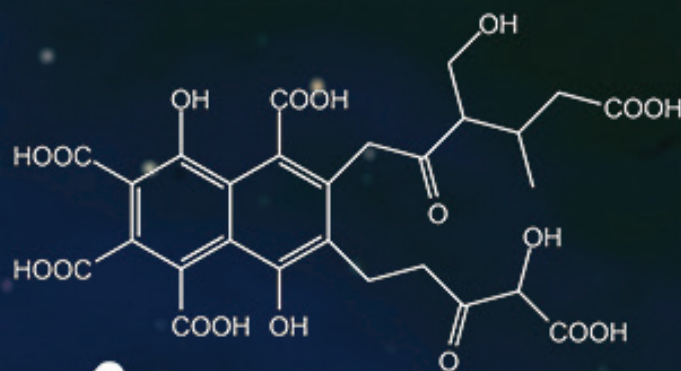
20% FULVIC ACID

F-20 Maxx is a premium fulvic acid formula derived from peat and plant-based materials. Most products on the market are derived from leonardite coal sources. Because leonardite has undergone some of the coalification processes, these formulas are less active when compared to fulvic acid made from peat.

While humic acids are those that form small solid pieces when a strong base extract is acidified, fulvic acids are those that stay dissolved under the same conditions.

Fulvic Acid is a light yellow or brown substance that is soluble at all pH levels (both acidic and alkaline). It has a lower molecular weight, too, since it carries more oxygen.

FULVIC MOLECULE



Cell Membrane

Fulvic acid is made up of smaller particles than humic acid allowing it to better penetrate the tough cell wall and mitochondria. As these small particles pass through the mitochondria, they bring along with them vital nutrients and trace minerals.

Some growers consider this acid as a more “sophisticated” version of humic acid since they are so closely related.

F-20 Maxx has the unique ability to efficiently complex nutrients and minerals, making them more bio-available and easy for the plant to absorb through the leaves or roots. Plus, it’s ideal for long-term use and as a stable carbon source for plant and soil microorganisms.

Uses for fulvic acid

- *Fulvic acid can help stimulate root development since it does a better job at getting through the rigid cell wall. It can also help the plant absorb water more efficiently.*
- *Due to its lower molecular weight, it is much better at crossing plant cell membranes and getting into leaves.*
- *It is best used as a foliar spray for this very reason, but it can also be applied by mixing it into your regular irrigation system with other nutrients.*
- *When used in conjunction with certain fertilizers like seaweed extract and kelp meal, it can be even more effective.*
- *Seaweed and Kelp extracts contain hormones that stimulate plant growth, including cytokinins and auxin. These assist with cell division and enlargement, helping increase the speed at which your plants grow.*

It is important to note that humic acid can do this, too. So, do you really need to use both types of acid? Humic acid is generally recommended for soil applications and Fulvic is better suited for when foliar applications are needed.

BENEFITS

ON PLANTS

- Enhances plant immunity for improved stress management and overall health.
- Enhances respiration and photosynthesis.
- Accelerates the production of nucleic acids.

IN THE SOIL

- Prevents nutrient leaching.
- Increases total cation exchange capacity (CEC) and improves soil structure.
- Better soil structure leads to improved aerobic conditions for roots and microorganisms.
- Increase bacteria and fungi population and activity.
- Solubilizes tied-up nutrients and makes them bioavailable.



F-20 Maxx is a 100% water-soluble formulation that does not clog irrigation or spray systems' filters and nozzles.

Use F-20 Maxx when crops benefit most from a physiological stimulus, such as:

- At germination
- Start of the vegetative cycle as soon as it has sufficient leaves
- Pre-flowering and petal fall
- Fruit development

Guaranteed Analysis

Fulvic Acid

20%

Derived from: Peat and other plants.

Directions for Use: Shake well before diluting with water.

APPLICATION*	PROFESSIONAL
PLANTING	1% of total fertilizer solution or 2 – 4 quarts per acre
FERTIGATION	1 – 4 quarts per acre
FOLIAR	1 - 2 quarts per acre

*These are standard recommendations that can vary according to soil properties, cultivated crop, and local conditions.

STORAGE AND CONTAINER DISPOSAL

Store above 40°F. Store product in a dry place, in original container only. Keep lid tightly closed. Keep away from open flame or intense heat: Triple rinse container and recycle or dispose of following federal, state, and local regulations.

WARRANTY DISCLAIMER

Since weather, crops, soils, water quality, other ecological factors, and storage conditions may often vary, the Seller makes no warranty of any kind, either expressed or implied whatsoever, concerning the effectiveness or use of this product. The User assumes all responsibility and risk in the use, handling, storage, and proper disposal of this container.

FIRST AID

Skin: Wash with soap and water. Consult a physician if any irritation persists.

Eyes: Rinse with clean potable water for 15 minutes. Remove contact lenses after the first 5 minutes and continue to rinse. Seek medical attention if irritation persists.

Ingestion: Rinse mouth with clean potable water. Do not induce vomiting. Call 911 or a physician for treatment advice.

Have the product label with you when calling a doctor or going for treatment.

NET CONTENTS

1 gallon (3.78 liters)

2.5 gallons (9.46 liters)

5 gallons (18.92 liters)

275 gallon tote (1040.99 liters)

Weight per gallon: 9.68 lbs @ 68°F (1160 grams/Liter)

pH 4.5-5.0



Plant NaturalTM

I N N O V A T I O N S

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