

# HMC 12

▶▶▶ HUMIC ACID



## OrgFields



# ORGANIC

Enhances plant growth and improves soil quality



Lawn



Agriculture



Hydroponic



Golf Course



Garden



Horticulture



# HMC12

Humic Acid: 12%  
pH: 9.0-9.5  
Colour: dark brown

HMC12 is an organic bio-stimulant product also known as a liquid humic acid. Our HMC12 liquid concentration nutrient delivery begins to work on foliar and soils immediately after application.

HMC12 is a good addition to your program aimed at improving your yield. You may add HMC12 liquid with fertilizer and liquid pesticide to your existing program.

HMC12 will not only improve your soil structure but eliminate any soil issues.

HMC12 liquid will grow stronger roots, grow biomass and enhance micro nutrients and NKP uptake.

## Foliar

- Stimulate plant growth (increased biomass production)
- Increase yield and improve quality of plants
- Improve nutrient uptake through the leaves and roots
- Improve the effectiveness of fertilizer

## Soil

- Improve the soil structure
- Reduce nutrient losses
- Improve nutrient uptake by the root system
- Promote root development
- Increase soil microbiological activity
- Increase capacities of water holding and cation exchange
- Increase water retention



Our HMC12 consists of highly oxidized sub-bituminous humalite that originates from the decomposition of organic plant matter in North America.

Our high quality humic acid provides ideal flow for your sprayer without any pressure reduction.

## Overall Benefits

- Chelation of Nutrients (E.G. FE, ZN, MN, K, CA, P)
- Buffers salts, reduces burning
- Forms a bond with fertilizer preventing "tie-up"
- Increases crop production by 10-40%
- Enhances plant nutrient trans-location
- Accelerates the ripening period by 5 to 10 days

- Enhances overall soil & plant health
- Increases water sequestration by 11%
- Decreases the content of nitrates and other harmful substances in fruits and improves nutritional quality
- Increases resistance to disease, frost damage and drought conditions.

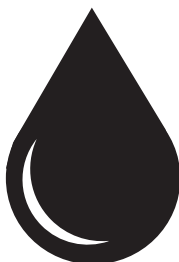
## 100% ORGANIC HUMIC ACID

### Humic Acid Content

Method of Analysis	A&L	ISO	CDFA	N-P-K
HMC12 (Liquid)	12%	5-7%	8%	0-0-0

### Excellent for fruits and vegetables

- Potatoes
- Corn
- Soy
- Wheat and Barley
- Canola
- Root crops (carrots, beets)
- Pumpkins
- Brocoli
- Squash
- Onions
- Cucumbers
- Tomatoes
- Pistachios
- Dates
- Blueberries
- Apples
- Cranberries
- Strawberries
- Grapes
- Watermelons
- Sugar canes
- Maple trees



### LIQUID CONCENTRATE

Blendable with Liquid NPK  
Fertilizers

A&L Labs: 12% Potassium Humate (Humic Acid)  
CDFA: 8% (Humic Acid)  
ISO/Lamar/AOAC/IHSS: 5-7% (Humic Acid)

# HMC12

SUPERIOR QUALITY  
100% SOLUBLE HUMIC ACID

# OrgFields



# HMC 12



## HUMIC ACID

### HMC 12 - HUMIC ACID

HMC 12 is a fast-acting liquid with a content of 12% humic and fulvic acids products that is specially formulated for foliar and soil applications.

### BENEFITS

- Increases root vitality
- Improves nutrient uptake
- Speeds up seed germination
- Increases fertilizer retention
- Stimulates beneficial microbial activity
- Promotes healthier plants and improves yields
- Enhances chlorophyll synthesis
- Adds organic matter to deficient soils
- Increases water retention

### SHAKE WELL BEFORE USE

Conduct compatibility test (jar test) before mixing.  
Avoid contact with skin and eyes.  
Keep out of reach of children.

### DIRECTIONS

Apply to the soil and foliage in early spring and fall.  
Repeat 4 to 6 times per growing season at the rate of 1 to 2 gallons per acre.

### NET SIZE / WEIGHT

- 275 gallons
- 5 gallons

### TECHNICAL DATA

Humic Acid .....12%  
pH.....9.0-9.5  
Colour.....dark brown

### DISCLAIMER

Disclaimer: This product is provided as is without any guarantees or warranties. It has been designed for the use indicated on this label and consists of the active ingredients specified. No guarantee is given for the amount of percentage in the product as it may vary. The purchaser assumes all risks for any misuse of the product.



[nicholascyr@orgfields.com](mailto:nicholascyr@orgfields.com)

Manufactured by OrgFields Valley Inc. | Grand Falls, New Brunswick | 1.506.479.4581 | [www.orgfields.com](http://www.orgfields.com)