

HMC 12

▶▶▶ HUMIC ACID



OrgFields



ORGANIC

Enhances plant growth and improves soil quality



Lawn



Potatoes



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 microbiological activity of soil
- 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 improve nutritional quality
- Increases resistance to disease, frost damage and drought conditions.

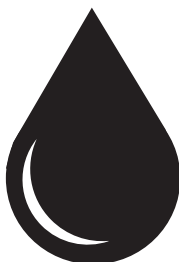
100% ORGANIC HUMIC ACID

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% (Humc Acid)
ISO/Lamar/AOAC/IHSS: 5-7% (Humic Acid)

HMC12

100% SOLUBLE HUMIC ACID
SUPERIOR QUALITY

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

5 gl/43.8 lbs

TECHNICAL DATA

Humic Acid12%
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

Manufactured by OrgFields Valley Inc. | Grand Falls, New Brunswick | 1.506.479.4581 | www.orgfields.com

HKP

▶▶▶ HUMIC ACID & KELP



ORGANIC

Enhances plant growth and improves soil quality



Lawn



Potatoes



Golf Course



Garden



Agriculture

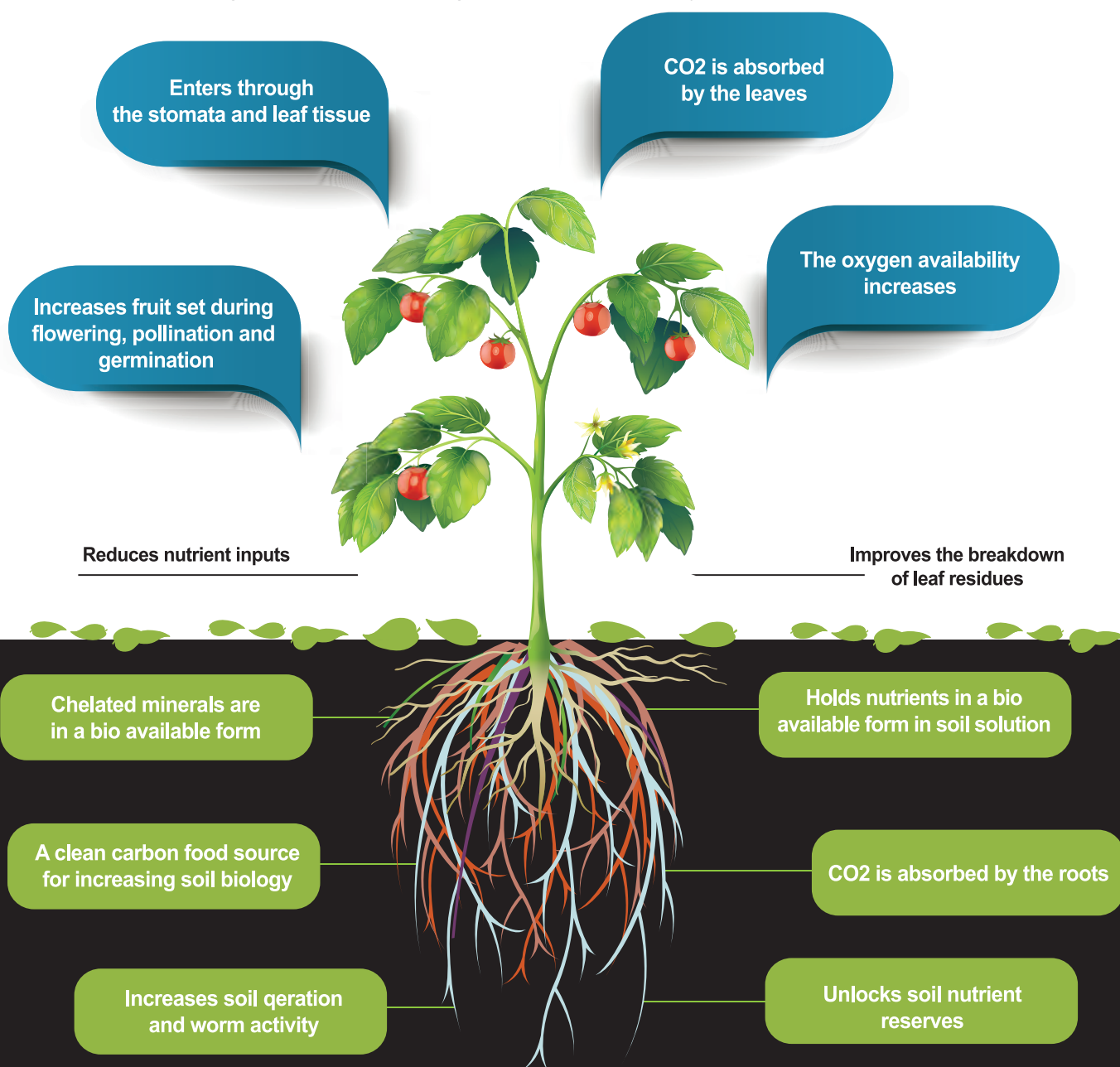


HKP

Humic Acid 7%
Kelp 5%

What is HKP?

HKP is a bio stimulant that is formulated to create healthy plants and to prevent damages caused by hot and dry temperatures. It contains humic acid and sea kelp which aid in initial plants growth, help the soil receive water, oxygen and nutrients, as well as buffer and extend nitrogen release rates — thus resulting in impressive roots growth and increased yields.





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Excellent for fruits and vegetables

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



HKP

HUMIC ACID & KELP

Enhances seed/transplant establishment
Improves stress tolerance

Stimulates proliferation of soil microbes
Stimulates plant & root biomass
Improves water retention

Enhances chelating of plant nutrients
Increases roots vitality
Improves soil structure

OrgFields



HKP



HUMIC ACID & KELP

HKP - HUMIC ACID & KELP

- Enhances seed/transplant establishment
- Improves stress tolerance
- Stimulates proliferation of soil microbes
- Stimulates plant & root biomass
- Enhances chelating of plant nutrients
- Improves water retention
- Increases roots vitality
- Enhances soil structure

SHAKE WELL BEFORE USE

Conduct compatibility test (jar test) before mixing.
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Keep out of reach of children.

NET SIZE WEIGHT

- 275 Gallons (Tote)
- 5 Gallons

TECHNICAL DATA

Humic Acid..... 7%
Kelp..... 5%
pH..... 9.0-9.5
Color..... dark brown

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.

SPRAY INSTRUCTIONS

Reconstituted HKP can be used with a variety of
sprayers/plant misters, pump-up, backpack, hose-end,
or tractors sprayers. Depending on the type of sprayer,
simply dilute this product with the appropriate amount of
water for your sprayer to cover the desired area. This
product also works well with irrigation systems.

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HMC MICRO

▶▶▶ HUMIC ACID & NUTRIENTS

OrgFields



ORGANIC

Enhances plant growth and improves soil quality



Lawn



Potatoes



Golf Course



Garden



Hydroponic



HMC MICRO

Humic Acid
Nutrients

What is HMC Micro ?

HMC MICRO was designed to supply vital micro-nutrients in the proper amounts for a healthy and productive growing season. The addition of humic acid allows any plants to benefit from greater nutrient solubility because of its natural chelating properties and enhanced root zone growth, health and structure.

Humic Acid and Micro-Nutrient Content

Humic Acid (HA)	2.00%
Iron	3.00%
Manganese	0.20%
Copper	0.13%
Sulphur	5.00%
Zinc	0.04%
Magnesium	1.00%

Benefits

- Increases root vitality
- Improves nutrient uptake

- Speeds up seed germination
- Increases fertilizer retention

- Enhances chlorophyll synthesis
- Adds organic matter to deficient soils

- Stimulates beneficial microbial activity
- Promotes healthier plants and improves yields



HMC MICRO



HUMIC ACID & NUTRIENTS

HMC MICRO

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BENEFITS

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- 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

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 (HA).....	2.00%
Iron (Fe).....	3.00%
Manganese(Mn).....	0.20%
Copper (Cu).....	0.13%
Sulphur (S).....	5.00%
Zinc(Zn).....	0.04%
Magnesium(Mg).....	1.00%

DISCLAIMER

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ORGKELP

▶▶▶ LIQUID ORGANIC KELP 10%

OrgFields



ORGANIC

Enhances plant growth and improves soil quality



Lawn



Potatoes



Golf Course



Garden



Agriculture



ORGKELP 10%

Liquid organic kelp 10%


What is ORGKELP?

ORGKELP is designed to be used as part of a well-balanced plant nutritional program. Ascophyllum Nodosum is our cruelty-free, plant derived and premium icelandic kelp product that is ethically sourced from various locations.



ORGKELP is an organic soil conditioner that is rich in naturally occurring growth hormones and micro-nutrients.

When applied to land plants, it's known to accelerate growth, increase fruiting and flowering, intensify color, and resist to diseases, insects, droughts and frost.

This product is rich in naturally occurring complexes, such as alginic acid and mannitol, among others. This product can be used for all agronomic and horticultural applications.



- Elongates shoot cells and regulate growth
- Enhances stem growth and flowering
- Promotes healthy cell division

- 
- Enhances natural plant defenses
 - Relieves stresses caused by salinity, temperature and drought
 - Improves plant vigor and accelerates growth
 - Increases bloom set and size of flowers & fruits
 - Excellent chelating agent
 - Develops better roots
 - Enhances mineral uptake
 - Improves seed germination
- 



ORGKELP



ORGANIC KELP 10%

SUPERIOR QUALITY

ORGKELP 10% (*Ascophyllum Nodosum*)

- Enhances natural plant defenses
- Relieves stresses caused by salinity, temperature and drought
- Improves plant vigor and accelerates growth
- Increases bloom set and size of flowers & fruits
- Excellent chelating agent
- Develops better roots
- Enhances mineral uptake
- Improves seed germination

SHAKE WELL BEFORE USE

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

TECHNICAL DATA

Kelp.....10%
pH..... 8.0-9.5
Color..... dark brown

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 (Tote)
- 5 Gallons

SPRAY INSTRUCTIONS

Reconstituted ORGKELP can be used with a variety of sprayers/plant misters, pump-up, backpack, hose-end, or tractors sprayers. Depending on the type of sprayer, simply dilute this product with the appropriate amount of water for your sprayer to cover the desired area. Also compatible with irrigation systems.

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FULVIC

▶▶▶ LIQUID FULVIC ACID 3%

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Potatoes



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Garden



FULVIC

Liquid fulvic acid 3%

What is FULVIC ACID 3%

FULVIC ACID is a high quality, completely organic liquid fulvic acid that is made with the finest organic materials available. We start with a natural occurring oxidized sub-bituminous coal that is rich in Humic Acid and Fulvic Acid. We carefully process it without the addition of invasive chemicals, screen out any impurities and filter it for the highest quality product.

The effectiveness of our FULVIC ACID is backed by scientific research. We continually perform quality control testing to ensure the highest quality and consistency. Our fulvic acid is classified as a non-hazardous material and has the lowest toxicity values. It is best to be used as a foliar spray or low pH liquid fertilizer or micro-nutrient enhancer.

- Boosts cation exchange capacity
- Stimulates plant metabolism
- Improves plants' DNA and RNA
- Increases enzyme activity
- Acts as catalyst in plant respiration
- Enhances permeability of cell members
- Enhances cell division and cell elongation
- Aids Chlorophyll synthesis
- Increases drought tolerance and prevents wilting
- Restores electrochemical balance
- Detoxifies various pollutants

Liquid Fulvic Acid is ideal for use on all soils and plants under all conditions. Fulvic Acid is a small compound that can easily enter the cells of plants. It acts as a natural chelating agent binding to nutrients to create Fulvic Acid rich complexes.

It also helps plants absorb needed nutrients that are otherwise inaccessible. When used with fertilization, it allows you to get the most out of your fertilization program and may even reduce the amount of nutrients applied.

- Improves foliar CO₂ absorption
- Improves foliar oxygen availability
- Improves fruit set during flowering, pollination and germination
- Improves nutrient and pest control absorption through stomata and leaf tissue

Fulvic Acid is used to enhance the effectiveness of these FOLIAR applications:

Fertilizer ■ Pesticide ■ Herbicide ■ Fungicide



FULVIC



LIQUID FULVIC ACID 3%

Enhanced Micro-nutrient Uptake

MIXING INSTRUCTIONS

Fulvic Acid is compatible with liquid fertilizers, micronutrients, pesticides and water. Addition of Fulvic Acid to these products should not be done without first testing compatibility on a small scale. When mixing with water, fill container half way, then add Fulvic Acid to the remaining water prior to the addition of buffering agents and pesticides.

DO NOT tank-mix with carbonate-based pesticides, as this reduces efficiency. Follow all directions on pesticide labels prior to mixing with Fulvic Acid.

ACTIVE INGREDIENTS

Liquid Fulvic Acid.....3%
Other ingredient (water).....97%

NET SIZE/WEIGHT

- 275 Gallons (Tote)
- 5 Gallons

SHAKE WELL BEFORE USE

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

SPRAY INSTRUCTIONS

This product is designed to be applied by foliar spray. We recommend a minimum dilution ratio of 1 gallon of this product to 25 gallon of water prior to application. Proper timing, rate and placement of Fulvic Acid is important for desired results and highly dependent on stage of crop growth, soil fertility levels and environmental conditions.

APPLICATION INSTRUCTIONS

2 Quarts - 1 Gallon of liquid concentrate per acre, per application of: Herbicide, Fungicide, Pesticide or Nutrient(s)

CAUTION

When combined with aqua ammonia, vapor releases may result in pressure build-ups. For such mixtures, only use mixing and application equipment that are vented and/or have pressure release valves.

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pH BALANCE



ORGANIC ACID

SUPERIOR QUALITY

What is pH BALANCE?

pH Balance is an organic acid aimed at bringing pH to an optimal level. Most of the times, herbicides are compatible with a lower pH. This will ensure the product performs better.

MIXING INSTRUCTIONS

To make a 275 gallons batch, add 25 gallons of pH BALANCE to 225 gallons of water. Then Add your product to make a pH balance of 7.

Humic Acid usually has a pH of 9.0 to 9.5.
This will convert it to 7.

SHAKE WELL BEFORE USE

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

NET SIZE WEIGHT

- 275 Gallons (Tote)
- 5 Gallons

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.

SPRAY INSTRUCTIONS

pH BALANCE can be used with a variety of sprayers/plant misters, pump-up, backpack, hose-end, or tractors sprayers. Depending on the type of sprayer, simply dilute this product with the appropriate amount of water for your sprayer to cover the desired area. Also compatible with irrigation systems.

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HMC GRANULAR

▶▶▶ GRANULAR HUMIC ACID

OrgFields



ORGANIC

Enhances plant growth and improves soil quality



Lawn



Potatoes



Hydroponic



Golf Course



Garden



Horticulture

What is HMC GRANULAR?

HMC Granular is a 100% solubility granular form. It can be used in many applications, such as dry for broad spreading, mixed with fertilizer or liquified for liquid application. Hmc Granular is a time release application when applied dry. It slowly dissolves when irrigated.

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



**HMC
GRANULAR**
100% GRANULAR HUMIC ACID
SUPERIOR QUALITY

TYPICAL ANALYSIS

Potassium.....	12%
A&L Labs.....	95-99% Potassium Humate (Humic Acid)
CDFA.....	65-70% (Humic Acid)
ISO/Lamar/AOAC/IHSS....	60-65% (Humic Acid)
Fulvic Acid.....	10-15%
Organic Carbon.....	30-35%
Organic Matter.....	55-65%
pH range.....	9.0-9.5

OrgFields



HMC GRANULAR

OrgFields

▶▶▶ 100% Solubility Granular

SUPERIOR QUALITY

WHAT IS HMC GRANULAR?

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TYPICAL ANALYSIS

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CDFA.....	65-70% (Humic Acid)
ISO/Lamar/AOAC/IHSS....	60-65% (Humic Acid)
Fulvic Acid.....	10-15%
Organic Carbon.....	30-35%
Organic Matter.....	55-65%
pH range.....	9.0-9.5

BEFORE USE

Conduct compatibility test.
Avoid contact with skin and eyes.
Keep out of reach of children.

APPLICATION INSTRUCTIONS

Agronomic Crops: 4 - 10 pounds per acre

AVAILABLE IN:

- 2200lbs/1MT (Super Sack)
- 55lbs/25kg Bags

HMC GRANULAR SIZE

- AG size 2-4mm
- Turf 0.8-1mm

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HMC SP

▶▶▶ WATER SOLUBLE POWDER
HUMIC ACID



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Enhances plant growth and improves soil quality



Lawn



Potatoes



Hydroponic



Golf Course



Garden



Horticulture



TYPICAL ANALYSIS

Potassium.....	12%
A&L Labs.....	95-99% Potassium Humate (Humic Acid)
CDFA.....	65-70% (Humic Acid)
ISO/Lamar/AOAC/IHSS.....	60-65% (Humic Acid)
Fulvic Acid.....	10-15%
Organic Carbon.....	30-35%
Organic Matter.....	55-65%
pH range.....	9.0-9.5

Our powder may also be used as fertilizing coating.

What is HMC SP?

HMC SP is a water soluble powder designed to mix with water to create a humic acid concentration. HMC SP is compatible with many liquid fertilizers and micro nutrients.

HMC SP acts as a chelating agent in order to aid plants in their root uptakes, and provide them with essential nutrients for viable crops and productive life cycle.

HMC SP is derived from the finest, richest, and purest source of humic acid in North America and, arguably, the world. This humic acid source is a weathered type of oxidized sub-bituminous coal rich in humic substances.

This humic acid source is similar to the commonly found Leonardite (lignite coal), but our source contains a higher concentration of humic acids and significantly lower levels of ash and heavy metals, such as lead, arsenic, and mercury.



Org Fields



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HMC SP

▶▶▶ 100% Water Soluble Powder

SUPERIOR QUALITY

WHAT IS HMC SP?

HMC SP is a water soluble powder designed to mix with water to create a humic acid concentration. HMC SP is compatible with many liquid fertilizers and micro nutrients.

TYPICAL ANALYSIS

Potassium.....	12%
A&L Labs.....	95-99% Potassium Humate (Humic Acid)
CDFA.....	65-70% (Humic Acid)
ISO/Lamar/AOAC/IHSS.....	60-65% (Humic Acid)
Fulvic Acid.....	10-15%
Organic Carbon.....	30-35%
Organic Matter.....	55-65%
pH range.....	9.0-9.5

PACKAGING AVAILABLE

- 2,200lb/1MT (Super Sack)
- 55lb/25kg Bags (Pallet)

MIXING INSTRUCTIONS

Mix 1lb of HMC SP into 1 gallon of water to create a liquid HMC SP concentrate.

SHAKE WELL BEFORE USE

When mixing with water, fill half of the container with water, then add HMC SP to reach the top.

When mixing with pesticides, dilute HMC SP with water prior to the addition of buffering agents and pesticides.

DO NOT tank-mix with carbonate-based pesticides, as it will reduce product efficiency. Follow all directions and precautions on pesticide labels prior to mixing with HMC SP. Always shake product well before use.

DO NOT mix HMC SP with calcium nitrate, phosphoric acid, zinc sulfate or other solutions with a pH of less than 6.5.

- Conduct compatibility test.
- Avoid contact with skin and eyes.
- Keep out of reach of children.

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