



Humic Products

High Quality for Top Results



Product Guide

A unique resource formed over millions of years.

Founded on the leading edge of agriculture's constant flow of new products and practices, WestMET Ag's one-of-a-kind Humalite is a unique soil amendment to help growers stretch their dollars and get the absolute most out of their fields.

And it's been brewing for millions of years.

Formed during the decomposition of organic matter in the earth, such as plants and animals, Humalite is exclusive to a 20 km radius near Hanna, Alberta. Named after humic material (HUM), Alberta (A) and coal formations (LITE), the name Humalite came to be.



This unique resource is trusted for agronomic purposes due to its high humic acid content — the highest known on earth.

In an age when growers are exploring new ideas, an affordable, natural and organic solution is sure to offer greater returns. Especially when compared to other North American sources of humic material like Leonardite, Peat or Compost which contain much less humic acid content.

In its purest form, Humalite is agricultural innovation for the future.



The new solution for global appetites.

Humalite is an oxidized, humic-based substance that is formed over millions of years of organic material decomposition. Even though it has no value as traditional fuel, it is an exceptionally powerful and affordable solution when applied to today's global agriculture demands.

Grow stonger with the natural power of Humalite.

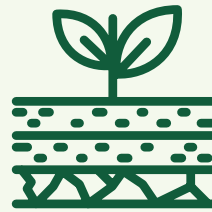
Reduces Fertilizer Requirements



Increases Nutrient Uptake



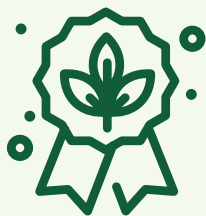
Improves Soil Structure



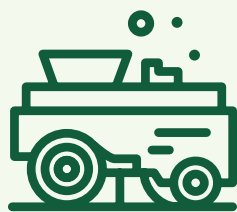
Powerful Drought Mitigation Tool



Organic Certifications



Transportable and Spreadable with Conventional Equipment



Apply Any Time of Year Without Leaching Concerns



Low Cost, High Returns



Higher humic acid content. Stronger benefits for growers.

WestMET Ag only uses screened raw products, giving growers the richest humic products on earth, directly from its exclusive source. With WestMET Ag, you always get quality and pricing you can trust.

With a higher humic acid content, WestMET Ag humic products help:

- Add carbon to the soil
- Enhance microbial activity
- Improve water retention
- Reduce fertilizer requirements
- Maximize nutrient uptake

Our customers trust WestMET Ag Humalite to:

Helps **reduce fertilizer requirements** with increased plant nutrient uptake.

High quality input for humic **acid extraction** when manufacturing humic products.

Stock as **stand-alone raw** form product sold directly to growers for a variety of crop and soil benefits.

Proven to energize soil health.

Research shows that Humalite helps chelate nutrients, improve soil aeration, increase microbial activity, accelerate crop residue breakdown, and retain more water for healthy soil.



Humic Products – Ag

High Quality for Top Results



WestMET Ag Humic Products use pure Humalite directly from the source in order to give growers the highest quality product for the best possible results.

Some of their advantages include:

- Compatible with conventional agricultural equipment
- High water retention for effective drought mitigation
- Increased nutrient uptake
- High humic acid and organic carbon content for enhanced microbial activity
- Accelerated crop residue breakdown
- Flexible application any time of year
- Increased fertilizer efficiency through nutrient chelation
- Improved soil structure and unique soil-building properties
- High carbon and trace micronutrient levels to rebuild soils
- Highly stable, with minimal concerns of leaching
- Easily blended with MAP, ammonium sulfate and KCL based fertilizers
- Can be applied directly to the soil or mix with a substrate
- Ideal for broadcast or in-furrow application
- Approved for use in Organic Agriculture by Pro-Cert

Orders and Inquiries

Find out what WestMET Ag can do for your operation.
Call 403.854.5200 or email sales@westmetag.com today.

APPLICATIONS:

Agriculture
Environment
Turf



APPLICATION RATES:

Agriculture

Apply once annually
Broadcast: 150 lbs/ac
In-furrow and side dress:
40 lbs/ac (45 kg/ha)

Turf grass

Greens, tees and fairways:
20 lbs/1000 ft² (10 kg/100 m²)
Apply every three months

Horticulture

Mix 2–5% of WestMET Ag Product to total soil potting mix or 1% of total soil when applied with seed

CONTENT ANALYSIS:

MESH SIZE

2mm to 4.46 mm (3/16")
.08" to 0.19"

Maximum 10% fines (18 mesh)

HUMIC ACID Average 64% humic acid by ISO Method

pH 3.5–4

MOISTURE 30%

COLOUR Black

TYPE Granule

BULK DENSITY 48 lbs/ft³

AVAILABLE PACKAGING:

Other options available by request

1-Ton Tote Bags (Imperial)
Bulk



Humic Products – Turf

High Quality for Top Results



WestMET Ag Turf Humic Products use pure Humalite directly from the source to give customers the highest quality product for the best possible results. A smaller granule makes this product best suited for turf applications as a soil amendment.

Humalite advantages include:

- Increased micronutrient uptake, microbial activity and soil water holding capacity
- Flexible application any time of year
- Easily blended with MAP, ammonium sulfate and KCL based fertilizers
- Can be applied directly to the soil or mix with a substrate
- Approved for use in Organic Agriculture by Pro-Cert

Orders and Inquiries

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APPLICATIONS:

Turf
Horticulture



APPLICATION RATES:

Turf Grass

Apply every three months.

20 lbs/1000 ft².

Horticulture

Mix with soil medium at 50 lb/yd³ (30 kg/m³).

*Note: application rate variations are a result of soil circumstances. Soil tests should be completed first to determine the correct rate for agronomic conditions.

CONTENT ANALYSIS:

MESH SIZE	1-2mm
HUMIC ACID	Average 64% humic acid by ISO method
pH	3.5-4
MOISTURE	30%
COLOUR	Black
TYPE	Granule
BULK DENSITY	48 lbs/ft ³

AVAILABLE PACKAGING:

Other options available by request

1-Ton Tote Bags (Imperial)



Humic Products – Powdered

High Quality for Top Results



WestMET Ag Powdered Humic is a fine-powdered product that delivers a quick humic acid release and is commonly used in manufacturing processes. The light particle size is ideal for manufacturing custom liquid or pellet solutions. Powdered humic can also be utilized for horticulture and other applications.

Humalite advantages include:

- Increased micronutrient uptake, microbial activity and soil water holding capacity
- Easily blended with MAP, ammonium sulfate and KCL based fertilizers
- Can be applied directly to the soil or mix with a substrate
- Approved for use in Organic Agriculture by Pro-Cert

Orders and Inquiries

Find out what WestMET Ag can do for your operation. Call 403.854.5200 or email sales@westmetag.com today.

APPLICATIONS:

Horticulture
Manufacturing



APPLICATION RATES:

Horticulture

Mix with soil medium at 50 lb/yd³ (30 kg/m³).

Other Uses

This product is ideal for businesses conducting secondary manufacturing with blend formulations and extraction of active ingredients.

*Note: application rate variations are a result of soil circumstances. Soil tests should be completed first to determine the correct rate for agronomic conditions.

CONTENT ANALYSIS:

MESH SIZE	Less than 1mm
HUMIC ACID	Average 64% humic acid by ISO method
pH	3.5–4
MOISTURE	30%
COLOUR	Black
TYPE	Powdered
BULK DENSITY	48 lbs/ft ³

AVAILABLE PACKAGING:

Other options available by request

1-Ton Tote Bags (Imperial)

Random Sample Analysis

Sept. 2023

Basic	ANALYSIS	SAMPLE	UNITS
Moisture - loss on ignition	As is	34.2	%
Organic matter - loss on ignition	Dry matter	87.4	%
Ash - loss on ignition	Dry matter	12.60	%

Humic & Fulvic Acids	ANALYSIS	SAMPLE	UNITS
Humic acids - ISO 19822	Dry matter	64	%
Fulvic acids - ISO 19822	Dry matter	4.2	%

Metals & Anions	ANALYSIS	SAMPLE	UNITS
Aluminium, Al	Dry matter	0.33	%
Antimony, Sb	Dry matter	<0.5	ppm
Arsenic, As	Dry matter	1.33	ppm
Barium, Ba	Dry matter	225	ppm
Beryllium, Be	Dry matter	1	ppm
Bismuth, Bi	Dry matter	<0.5	ppm
Boron, B	Dry matter	191	ppm
Cadmium, Cd	Dry matter	<0.5	ppm
Calcium, Ca	Dry matter	1.5	ppm
Chromium, Cr	Dry matter	1.33	ppm
Cobalt, Co	Dry matter	1	ppm
Copper, Cu	Dry matter	1.33	ppm
Iron, Fe	Dry matter	0.3	%
Lead, Pb	Dry matter	1	ppm
Lithium, Li	Dry matter	1	ppm
Magnesium, Mg	Dry matter	0.27	ppm
Manganese, Mn	Dry matter	125	ppm
Mercury, Hg	Dry matter	8	ppb
Molybdenum, Mo	Dry matter	1	ppm
Nickel, Ni	Dry matter	1.67	ppm
Phosphorus, P	Dry matter	228	ppm
Potassium, K	Dry matter	156	ppm
Selenium, Se	Dry matter	1	ppm
Silver, Ag	Dry matter	<0.5	ppm
Sodium, Na	Dry matter	0.13	%
Strontium, Sr	Dry matter	301	ppm
Sulfur, S	Dry matter	0.23	%
Thallium, Tl	Dry matter	<0.5	ppm
Tin, Sn	Dry matter	<0.5	ppm
Titanium, Ti	Dry matter	157	ppm
Tungsten, W	Dry matter	<0.5	ppm
Uranium, U	Dry matter	1	ppm
Vanadium, V	Dry matter	4	ppm
Zinc, Zn	Dry matter	2	ppm
Zirconium, Zr	Dry matter	6.67	ppm

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Transport information

Canada Transportation of Dangerous Goods (TDG)

U.S. Department of Transportation (DOT)

**Proper
Shipping Name:**
Not regulated.

Class:
Not applicable.

UN Number:
Not applicable.

Packing Group:
Not applicable.

Label Code:
Not applicable.

Safety Data sheets available upon request.



Shipping information

Multiple shipping options available.
Contact us to determine what works best for you.

How to order

Find out what WestMET Ag can do for your operation.

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