

humizen Alpha PLUS



**3.5% humic acid (HPTA method)
1.5% fulvic acid (HPTA method)**

Alpha Plus is derived from humalite, a highly concentrated source of humic acid found only in Alberta, Canada. Humalite contains a unique profile of functional carbon groups, unmatched by other source materials.

The extraction method used to produce Alpha Plus isolates the fulvic acids and most bioactive humic acids contained within this unique source material. The result is a potent liquid humate that will give your crop the boost it needs.

Benefits

-  Increased availability and uptake of soil nutrients
-  Improved efficiency of soil and foliar fertilizer applications
-  Faster germination
-  Greater stress tolerance

Features

Alpha Plus is designed for convenience and efficiency in any farm operation.

- Compatible with a wide range of liquid fertilizers* including phosphoric acid-based starters
- Multiple packaging options to suit any size farm

- Multiple application options to work in different cropping systems
- Low rates for ease of handling & on-farm logistics

** Not suitable for blends containing calcium nitrate*

Testing Methods

All humiZen products use the "HPTA" testing method to report humic & fulvic acid content. Most suppliers report content using a simple analysis called the "colorimetric" method. This method shows a higher result but is less accurate and is easily deceived by non-humic additives. We hold the humiZen brand the highest standards and have chosen the highest standard of analysis.

The HPTA method is the most accurate method for quantifying humic acids and the only method capable of properly quantifying fulvic acids.



To learn more about humic testing methods, please see our website at www.blackearth.com

Application Rates

Crop	Application	Rate	Timing	Frequency
Cereals, legumes	Seed treating	10 L / ha (1 gal / acre), applied as coating to appropriate amount of seed	Within 48 hours of planting	1 x per season
Potato	Seed Treating	10 L / 1000 kg (1gal / 850 lb) of seed, applied as a coating	Within 48 hours of planting	1 x per season
Cereals, oilseeds, pulse crops & legumes, annual fruit & vegetable, root vegetables, forages, hemp/cannabis	In-furrow or banded with fertilizers	2.5 - 10 L / ha (.25 - 1 gal / acre)	Preplant or at planting	1 x per season
All irrigated crops	Irrigation injection	2.5 - 10 L / ha	Prior to or during growing season	Up to 5 x during growing season
All crops	Foliar Application	1.25-2.5L/ha(.134--267US gal/ac), diluted in water at max 10% concentration	Emergence to fruit-set	Up to 5 x during growing season

Your Growth Partners

From agriculture to industrial application, our range of Canadian made products are built to help you achieve your growth goals. Backed by science, our sustainable humalite products improve soil health, create stronger plants and increase crop yields.

With humiZen you no longer have to choose between being a responsible environmental steward and your bottom line.

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