

## GRADES & BLENDS FOR EVERY APPLICATION

Mesa Verde® Humates works as a partner with commercial crop growers throughout the agricultural industry, providing an economical way to put the power of naturally occurring humates beneath the plants of growers of everything from grapes to grasses, from strawberries to soy beans, from corn to cotton.

With numerous grades and blends, plus an ability to work with growers to determine the best solution for your own application, Mesa Verde® Humates is a key resource for the agricultural community.

Mesa Verde® Humates:  
"The power beneath your plants."

ADVANCING SUSTAINABLE AGRICULTURE  
**NATURALLY**

### PRODUCTS:

STANDARD AG  
SCREENED 1-3 MM  
GREENS GRADE  
MICROMATE  
HIGH GRADE PULVERIZED  
MV SOLUBLE POWDER

SOLUBLE HA  
K HUME  
HUMIC DG  
LIQUID FA 5  
LIQUID FA 20  
LIQUID HA 12

## BOOST THE ENERGY LEVEL OF YOUR PLANTS

At Mesa Verde® Humates we base our products and claims on science. Our many years of experience help us understand the needs of growers and how 100% natural humates consistently help solve problems of drought, soil overuse, and weak root structure. Growers experience more productive crops thanks to greater stress tolerance and improved nutrient uptake.

Mesa Verde® products contain a significant quantity of the valuable humic and fulvic acid fractions, which have an extremely high energy factor that makes them very biochemically active.

- **Make nutrients more bioavailable and increase nutrient uptake**
- **Provide a rich food source for beneficial soil microorganisms**
- **Improve soil aeration, tilth, and workability**
- **Increase soil water-holding capacity and filtration**
- **Maximize root and shoot growth for increased vitality and vigor**
- **Provide carbon and minerals that increase chlorophyll and sugar production**
- **Improve crop quality and food nutritive value**
- **Reduce environmental stresses, including pH, heat, drought, and salt stress**
- **Increase soil fertility for improved yield and uniform quality**



**MESA VERDE**  
HUMATES

P.O. BOX 785, BERNALILLO, NM USA 87004  
**844-HUMATES humates.com**  
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MVH-171115-01



**MESA VERDE**  
HUMATES



THE POWER  
BENEATH YOUR  
**PLANTS**



## WHY ARE HUMATES SO IMPORTANT?

You know too well what happens when soil becomes depleted. Yields drop, crops become more susceptible to disease, and weaker plants are an open invitation for pests to move in. Crucial to life, humates restore the natural balance in soil necessary for optimal plant growth and provide the foundation for plant vigor.

Humates are highly compressed, natural organic humus, formed through the biological breakdown of plant life over millions of years. Today, we mine these rich remains to give your soil a concentrated source of naturally occurring humus. This material contains biochemically active humic and fulvic acids, as well as rare earth minerals and trace elements, that are necessary for plant growth. An intricate process that includes organic complexing and increased microbial activity makes these humate components readily available for plant uptake.

## GETTING TO THE ROOT OF THE MATTER

Mesa Verde® products are nature's brilliant blend of organic matter, humic and fulvic acids, minerals, and much more. They're used extensively to increase crop quality and production and to improve and replenish depleted soils. Field trials prove that plants develop much stronger root systems, including dramatically increased root length, density, radius, and mass.

Finally, through increased synthesis of chlorophyll, humates help accumulate solar energy, increasing cell energy balance. Natural processes increase plant resistance to unfavorable stress factors and improve nutrient release, assimilation, and uptake—which help facilitate the synthesis of sugars, vitamins, and more.

**ADVANCING SUSTAINABLE AGRICULTURE**  
**NATURALLY**



## MAKE AN INVESTMENT IN YOUR SOIL!

### 100% GENUINE NEW MEXICO HUMATES OVER 75 MILLION YEARS IN THE MAKING

Over the past four-plus decades, we have supplied the agricultural industry with the highest quality humates, mined from premium New Mexico geologic deposits in the Upper Cretaceous Fruitland Formation in the San Juan Basin.

New Mexico humates are noted for being among the best in the world, and Mesa Verde® Humates takes pride in the fact that we have been instrumental in building this reputation. Today, we are one of the world's most respected suppliers of humates, with milling, shipping, and office operations all located in New Mexico.

### THE FULVIC ACID FRACTION

Fulvic acid has always been present in plants and soils, yet only recently has it been recognized for its incredible value in energizing cell life among plants and microbes.

Mesa Verde® products are particularly high in this all-important fulvic acid fraction, which stays in solution, even in strongly acidic conditions. Fulvic acid will bring otherwise insoluble fractions of metal micronutrients and phosphorus into solution. This allows your plants to directly and readily absorb them, while producing a healthy, hormone-like effect that has an immediate positive effect on most crops.

This is another difference that sets Mesa Verde® Humates apart, putting "The Power Beneath Your Plants."

## THE BEST RETURN ON YOUR FARMING INVESTMENT

The economic benefits of the Mesa Verde® line of genuine New Mexico humates are clear in trial after trial. There is no better way to enhance the economics of farming than to build soil humus and enhance natural microbial activity that can be sustained over a long, productive soil life.

Building levels of natural humic and fulvic acids reduces the need for commercial fertilizers as a result of improved fertilizer use efficiency. This benefit alone will reduce waste and environmental concerns of leaching fertilizers and pesticides into surface waters and aquifers.

Reduction in tillage costs, improved water utilization, and increases in crop vigor and yield will have a direct impact on a grower's bottom line, and the results will be rapidly apparent.

Most insects avoid high-energy plants that have strengthened immune systems resulting from humic and fulvic acids and the increased nutrient content they deliver to the plant.

Finally, research shows that plants treated with humates are more stress tolerant to heat, drought, and nutrient shortages, thus assuring a more successful crop and higher yield.

Mesa Verde® Humates offers an economical solution to these numerous challenges. It's an investment you should consider, and a return you'll welcome.



**LEARN MORE AT HUMATES.COM**