



**mesa  
verde**  
100% New Mexico  
**humates**

# The Power Beneath Your Plants

## Boosting the Energy Level of Your Plants

At Mesa Verde Resources we base our products and claims on science. Our many years of experience help us understand the needs of growers, and how 100% New Mexico Humates can help solve problems of draught, soil depletion and weak root structure. Growers realize more productive crops thanks to greater stress tolerance and improved nutrient uptake.

Mesa Verde New Mexico Humates contain a significant quantity of the valuable Fulvic Acid Fraction, which has a very high energy factor and is highly biochemically active.

- **Increase nutrient uptake by making nutrients bio-available**
- **Provide stimulus for beneficial soil microorganisms**
- **Improve soil aeration, tilth and workability**
- **Increase soil water-holding capacity and filtration**
- **Stimulate root and shoot growth and increase yield**
- **Stimulate chlorophyll and sugar production**
- **Increase crop quality and food value**
- **Reduce heat, drought and salt stress**
- **Improve yield stability under stressful conditions**



## Grades & Blends for Every Application

Mesa Verde Resources works as a partner with commercial crop growers throughout the agricultural industry, providing an economical way to put the power of genuine New Mexico 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, and the ability to work with growers to determine the best solution for your own application, Mesa Verde is a key resource for the agricultural community.

Mesa Verde Humates. The power beneath your plants.



- Standard Ag**
- Greens Grade**
- Micromate**
- K Hume**
- Cal Hume**
- Soluble HA**
- Liquid HA**



Mesa Verde Resources

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**Advancing Sustainable Agriculture Naturally**

## 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 stock is 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 those rich remains to give your soil a concentrated source of naturally-occurring humus. Its biochemically active humic acid content and the complex process of organic complexing, along with increased microbial activity, make the minerals and trace elements which are necessary for growth readily available to your plants.

### Getting to the Root of the Matter

Mesa Verde Humates are Nature's brilliant blend of organic, humic and fulvic acids and more. They're used extensively to increase plant quality and production, and to improve and replenish depleted soils. Field trials prove that plants develop much stronger root systems and that length, density and root radius dramatically increase.

Finally, through increased synthesis of chlorophyll, humates help accumulate solar energy, increasing cell energy balance. Natural processes result in an increase in the plant's resistance to unfavorable stress factors, improved nitrogen assimilation and nutrient uptake, and help facilitate the synthesis of sugars, vitamins, and more.



## 100% Genuine New Mexico Humates ~ about 75 Million Years in the Making

Over the past 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 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 in San Ysidro, 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.

Mesa Verde Humates are particularly high in the all-important Fulvic Acid fraction, which stays in solution even in strongly acidic conditions and 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 the difference that sets Mesa Verde Humates apart, putting the Power Beneath Your Plants.

## The Best Return on your Farming Investment

The economic benefits of Mesa Verde 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 processes, such as microbial activity, that can be sustained over a long, productive life.

Building levels of natural Humic Acids reduces the need for commercial fertilizers, because of improved fertilizer use efficiency. This benefit alone will reduce waste and the environmental concern of leaching fertilizers and pesticides into the water table and surface waters.

Reduction in tillage costs, improved water utilization and increases in plant quality and yields will have a direct impact on your bottom line, and you'll see the results rapidly.

Most insects tend to stay away from high-energy plants which have a strengthened immune system as a result of the presence of Humic and Fulvic Acids and the increased nutrient content they deliver to the plant.

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

Because Mesa Verde Humates offer an economical solution to your numerous challenges, it's an investment you should consider, and a return you'll welcome.



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