



Activa

Keg River Sulphur Fertilizer

ENHANCED FORMULATION

Activa sulphur fertilizer's **new formulation** offers a superior level of degradability, and excellent handling characteristics. Customer feedback let us know that you wanted an extremely degradable plant nutrient sulphur product, with as high an analysis as possible. In response, Keg River has combined two exceptional bentonite clays with elemental sulphur to produce our newly improved Activa.

Product Profile

Guaranteed Analysis

Sulphur (Actual)	85%
Non-plant Food Ingredients (Bentonite Clay)	15%



Typical Properties

Angle of Repose	29 degrees	Bulk Density	75 lbs per ft ³ or 1230 kgs per m ³
Particle Size	Size Guide Number (SGN) 260	Breakage Characteristics	Less than 0.20% is - 42 mesh at truck loading.

Packaging Options

Shipped in bulk via truck or rail cars. Mini-bulk totes in 907 kg (2000 lb), 1000 kg (2204 lb), 1134 kg (2500 lb), 1361 kg (3000 lb) or 1500 kg (3307 lb) sizes. Plastic bags in 22.7 kg (50 lb) and 25 kg (55 lb) sizes, palletized and wrapped.

Enhanced Performance

Activa is the most degradable plant nutrient elemental sulphur product being produced in North America. Recent 24 hour degradability tests were completed to illustrate the difference between typical competitive 90% products, and Keg River's formulations. The photos below provide confirmation that the new Activa product degrades to the finest particle size possible, and even out performs Keg River's original 83% formula.





Degradability Testing

Competitor's 0-0-0-90S	Original Supreme 0-0-0-83S	New Agtiva 0-0-0-85S
28.73% retained on 20 Mesh	0.37% retained on 20 Mesh	0% retained on 20 Mesh
56.13% retained on 80 Mesh	51.80% retained on 80 Mesh	5.16% retained on 80 Mesh
15.14% passes 80 Mesh	47.83% passes 80 Mesh	94.84% passes 80 Mesh

Keg River completed 24 hour degradability testing on samples of the Competitor's 90%*, the original Supreme, and the new Agtiva formulation. The samples were screened, dried, and weighed to determine the particle size of the degraded product.

When comparing the Competitor's 90% to Keg River's product, analysis shows that **six times the amount of the new Agtiva 0-0-0-85 sulphur fertilizer degrades to particles smaller than 177 microns (80 mesh).**

"Research results indicate that particle sizes of 150 micron to 200 micron or smaller are required if elemental sulphur is to be fully effective during the growing season in which it is applied."¹

¹S.P. Ceccotti, Sulfur fertilizers—An overview of product developments and commercial advances. The Sulfur Institute

* Competitor's 90% product was purchased from a fertilizer dealer, and is representative of product being shipped in the spring of 2006. This sample (1.6 Tonnes) is available for further testing.

The graph to the right illustrates the comparison of the products tested, and shows the superior degradability achieved by our new formulation.

Keg River's new Agtiva 0-0-0-85 sulphur fertilizer will provide the dealer and grower with a higher sulphur analysis, and degradability unsurpassed in the industry.

