




## Competitive Gypsum Analysis:

Eastern Corn Belt (ECB) Pelletized Gypsum

Chemical and Physical Analysis

		ECB Pelletized Gypsum
Calcium:	21%	21%
Sulfur:	17%	12%
Gypsum Purity <sup>†</sup> :	92%	58%
Pellet Strength:	8.3 LBF <sup>‡</sup>	4.4 LBF
<b>Lbs Equivalent*:</b>	<b>100</b>	<b>142</b>

Analyses completed by Wallace Laboratories, El Segundo, CA, USA.

Analysis date: 08/10/2014

<sup>†</sup> Gypsum Purity is determined by waters of hydration laboratory analysis.

<sup>‡</sup> LBF = Pound-foot, a measure of compressive force required to fracture a pellet.

\* Lbs Equivalent indicates the amount of product required for a 17 lbs S/A application.

## Key Differences

- SO4 is 92% pure dihydrate gypsum compared to only 58% for the ECB product.
- One ton of SO4 contains 340 lbs of sulfur vs. only 240 lbs of sulfur in the ECB product, a difference of 41%.
- Compression strength is very low for ECB Pelletized Gypsum, resulting in dust and fracturing concerns.
- ECB Pelletized Gypsum contains 3% Mg, which should not be included in gypsum applications.