



P.O. Box 4812

Greenville, MS 38704

877-594-1500

www.seedcoat.com

*DeltAg Product Brief*

March 2, 2015

# Does Snow Add Nitrogen?

## Technically..... YES But Not Enough to Matter

**First Inch Snow**    3 to 5 pounds Nitrogen per acre

**Additional Snow**    Insignificant

Obviously, the question asked this week, especially in the Mid-South: "How much nitrogen has this 3 to 8 inches of snow added for our 2015 crops?" Short Answer: "Not enough to matter!"

### Why Not Count On Nitrogen from Snow?

*Only the snow that melts into the soil can potentially add nitrogen.*

*All other top snow will melt and typically run off before fixation can occur.*

*That which does melt into the soil is not typically in the right form and requires a more difficult conversion.*

### So What Are the Benefits of Snow Cover?

Snowfall obviously helps Spring Crops so why is that?

*Snow slowly melts into the soil much like an ultra-slow drizzling rain that penetrates rather than running off.*

*Snow brings cold to an otherwise cool soil and major swings in temperature stimulate enhanced microbial activity which is very beneficial to building healthier soils that are better aerated and retain more moisture.*

**Best Approach:** Don't Count on Nitrogen from snow in your overall nitrogen program.

For more information or to receive **DeltAg Product Briefs**,  
email us at [info@seedcoat.com](mailto:info@seedcoat.com) or call 877-594-1500 [www.seedcoat.com](http://www.seedcoat.com)  
Sign up for **DeltAg NutriTips** Mobile Alerts. Text SEED to 955-77 to join.