

April 2, 2008

Abstract for presentation at the DGTC 2008 Symposium

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**Title:** DDGS Sulfur Content - Sources And Possible Ways To Maintain Lower Levels

**Abstract:**

This seminar will begin by examining the possible entry points of sulfur-containing compounds that may occur at an ethanol plant – with emphasis what amount enters the plant from corn feedstocks as well as amounts that are added chemically as part of typical plant batch operation. A sulfur “balance sheet” will be shown to demonstrate typical input amounts and levels at an ethanol plant.

The types of sulfur-containing compounds leaving the plant in the DDGS will be discussed along with plant operational conditions that may influence the final amounts and type of sulfur in the DDGS. This includes discussing not only plant operating conditions, but also the roles that both production yeasts and contaminating bacteria have on influencing the types of sulfur leaving with the DDGS.

Finally, a discussion will be made on the possible ways to limit not only the total amount of sulfur, but also the types of sulfur that leave an ethanol plant in the DDGS.

**HANDOUTS WERE NOT AVAILABLE IN TIME TO INCLUDE.**

**CONTACT DR. BAYROCK DIRECTLY IF YOU WOULD LIKE A COPY OF HIS PRESENTATION**