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Con 12-1-1  
Doc # 67216

Date: October 26, 2011

From: Jimmie L. Andersen, CPAg #03183  
70 Cottner Drive  
Council Bluffs, IA 51503-4801  
Phone & Fax: 712-328-0931  
E-Mail: [jlanders3@cox.net](mailto:jlanders3@cox.net)

To: Matt McDonald, Environmental Specialist  
Iowa Department of Natural Resources  
Land Quality Bureau  
502 East 9<sup>th</sup> Street  
Des Moines, IA 50319-0034

CC: Iowa Department of Natural Resources  
Field Office #4  
1401 Sunnyside Lane  
Atlantic, IA 50022

Re: Agronomist's 2011 Annual Report for Cargill at Blair, NE.  
For fields and farms in Harrison County, Iowa.  
Permit #43-SDP-12-10P-LAN

Introduction:

This is the first annual report for this permit to apply calcium sulfate as an industrial by-product to farmland in western Iowa counties. Calcium sulfate, commonly known as gypsum when it is mined, is a by-product of citric acid production in the wet corn milling plant operated by Cargill in Blair, NE. This industrial calcium sulfate is marketed under the trade name of "CALmax".

CALmax supplies two essential crop nutrients, calcium and sulfur, in a form readily available to crops. One ton of CALmax will supply 200 pounds of calcium and 150 pounds of sulfur. CALmax will also tend to balance soil acidity to a desirable level of near pH 7. In addition, CALmax appears to promote the growth of soil microbes. The microbes produce compounds that bind soil particles together and thereby enhance soil structure. Soils with strong structures allow better root penetration which allows better nutrient uptake and enhanced plant growth and crop yields. Good soil structure also promotes better internal drainage to prevent long periods of water saturation that shut down plant growth.

The sites where CALmax was spread in the Spring of 2011 are shown below. A crop was grown on each sites during the 2011 season. Soil samples will be taken in the Spring of 2012, and the results and comments and crop yields will be reported in the annual report for 2012.

Site 71: Operator is Lynn Methner

360 tons of CALmax were spread on 93 acres.

Site 458: Operator is Lynn Methner

301 tons of CALmax were spread on 78 acres.

Sincerely,

*Jimmie L. Andersen*  
Jimmie L. Andersen, CPAg

Date: October 27, 2011

From: Jimmie L. Andersen, CPAg #03183  
70 Cottner Drive  
Council Bluffs, IA 51503-4801  
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1401 Sunnyside Lane  
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Re: Addition to Report  
Agronomist's 2011 Annual Report for Cargill at Blair, NE.  
For fields and farms in Harrison County, Iowa.  
Permit #43-SDP-12-10P-LAN

**Introduction:**

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The sites where CALmax was spread in the Spring of 2011 are shown below. A crop was grown on each sites during the 2011 season. Soil samples will be taken in the Spring of 2012, and the results and comments and crop yields will be reported in the annual report for 2012.

Approval of these sites is pending.

Site 456: Operator & Owner is Gene Gochenour, 2075 174<sup>th</sup> Trail, Mondamin, IA.

Legal Description: SW1/4, Section 1 Raglan Township, Harrison Co.

This 200-acre field received 766 tons of CALmax.

Site 457: Operator & Owner is Gene Gochenour, 2075 174<sup>th</sup> Trail, Mondamin, IA.

Legal Description: NW1/4, Section 10, Lincoln Township, Harrison Co.

This 80-acre field received 302.4 tons of CALmax.

Site 458: Operator & Owner is Lynn Methner, 106 Linden Drive, Woodbine, IA.

Legal Description is SW 1/4, Section 3, Lincoln Township, Harrison Co.

This 80-acre field received 301 tons of CALmax.

Sincerely,

  
Jimmie L. Andersen, CPAg