



www.stewartspreading.com

This Issue

Weather Summary September

Weather 1

Public Outreach 1

Biosolids Volumes 2

Land Applied

Personnel 1

Government 2

Officials

Safety Meetings and Notes 2

Odor Minimization 2

Agronomy Corner 2

Weather summary:

DECEMBER 2014 OVERVIEW:

Temperatures were above and precipitation was below the long-term average in Illinois during December. Mean streamflow statewide was above the median for the month. Shallow groundwater levels were above long-term average depths.

Temperatures in December averaged 33.5 degrees F, 3.4 degrees above the month's long-term average (Figure 1). Temperature averages in the crop reporting districts (CRDs) ranged from 30.1 degrees in the northwestern district to 37.8 degrees in the southeastern district.

Precipitation averaged 1.92 inches for the month, 0.8 inches below normal (Figure 1). Totals were greatest in the southwestern district with an average of 3.79 inches. The lowest averages, 0.85 and 0.88 inches, were recorded in the northwestern and northeastern districts, respectively.

Personnel

Michelle Stewart

Owner & President

John Stewart

Owner & Project Specialist

Greg Firrantello

Dept. of Agronomy CCA/
Manager

Jason Hill

Operations Manager

Billie Marko

Monitoring and Reporting

New Public Outreach

December was a slow month for our PR team. We visited a few homes for Stateville fields again and Lockport Township. Everyone was thankful for us letting them know that we were going to start hauling. Below is one of the counties and townships we visited. We are finishing up Fall 2014.

County	Township
Will	Lockport



Odor Minimization

Biosolids application methods such as immediate incorporation and injection can effectively reduce odor emissions. Other best management practices such as temperatures, weather conditions, and communicating spreading times and locations with neighbors can significantly reduce odor complaints.

Notes

Cooler temperatures in December minimize odor this time of year. During surface applications, we consider weather conditions and location of the application. We also avoid applying biosolids during situations that may cause problems. Applying immediately with incorporation is better for minimizing odors. We contact neighboring farms and homes when we apply biosolids to fields. Having said that, it is a manure product and there will always be some amount of odor. Good communication and education help.

Communication with Government Officials

Stewart Spreading will continue their policy of contacting all officials who we feel we should have close working relationships with. Those notified include law enforcement, health and highway departments, county, township and city officials and IEPA officials. Authorities appreciate good communication so they are not surprised when the calls do come in. Proactive is critical for success. We also encourage common sense rulings for all practical purposes.

LASMA / CALSMA VOLUMES APPLIED IN September

<u>Field</u>	<u>Acres</u>	<u>Wet tons</u>
WL Staeville 1	195	12680.53
WL Stateville 2	100	245.71
WL Stateville 3	36	2391.47

Safety Meetings

In the month of December, we trained on winter safety. Wherever you are, be aware of your conditions. This helps eliminate potential dangers like slipping on ice or losing control of your car. We go to great lengths to ensure all the proper training and safety equipment is available for our employees to be safe.

Agronomy Corner

Winter brings spreading to a halt. This is by far our least productive time of year for moving biosolids. Stewart Spreading *transitions to preparing for the following spring.*

Biosolids fertilizer are food for the soil. The winter freeze allows time for the soil conditions to correct themselves from compaction and clumping. This time of year allows for proper seed bed conditions before spring planting.

