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### Weather summary

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

**Temperatures** in November averaged 34.4 degrees F, 8.1 degrees below the long-term average (Figure 1). Temperature averages in the crop reporting districts (CRDs) ranged from 30.5 degrees in the northwestern district to 38.7 degrees in the southeastern district.

**Precipitation** averaged 1.97 inches for the month, 1.50 inches below normal (Figure 1). Totals were greatest in the southeastern district with an average of 2.47 inches. The lowest average, 1.42 inches, was in the western district.

### Personnel

**Michelle Stewart**

Owner & President

**John Stewart**

Owner & Project Specialist

**Greg Firrantello**

Dept. of Agronomy CCA/  
Manager

**Jason Hill**

Operations Manager

### New Public Outreach

November was a little above normal month for our PR team. We visited homes for 7 different fields again and three different townships. Everyone was thankful for us letting them know that we were going to start hauling. Some residents have asked we stop bothering them. Below are some of the counties and townships we visited. We are finishing fields lined up for Fall 2014.

County	Township
Will	Peotone
Will	Wilton
Will	Will
Will	Washington



## 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 help 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 /CALMSMA VOLUMES APPLIED IN September

<u>Field</u>	<u>Acres</u>	<u>Wet tons</u>
WL Nykaza 9	120	3257.12
WL Nykaza 3	120	80.38
WL Mundt 19	103	287.47
WL Nugent 22	78	1058.44
WL Ray Nugent 1	115	991.21
WL Mundt 19	103	2107.93
WL Mundt 12	157	5063.40
WL Ginder 1	70	1159.12
WL Mundt 16	119	817.54

## Safety Meetings

In the month of November, we trained on personal surroundings safety. Wherever you are, be aware of your surroundings. This helps eliminate potential dangers. We go to great lengths to ensure all the proper training and safety equipment is available for our employees to get the job done safely.

## Agronomy Corner

Fall rush occurs as soon as the fields open up. This is by far our most productive time of year for moving biosolids. Stewart Spreading *tries to satisfy each and every client with fast, reliable , professional service.*

Fall applied biosolids is a good time to apply biosolids. Biosolids fertilizer are food for the soil. The fall allows time for the soil conditions to correct themselves from compaction and clumping. This time of year allows for proper corrections of seed beds before spring planting.

