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Weather summary:

October 2016

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

Air temperatures averaged 59.9 degrees in October, 5.5 degrees above the long-term average (Figure 1). The northeast crop reporting district (CRD) had the lowest average temperature with 56.6 degrees. The highest temperature was 62.8 degrees in the southwest CRD.

Precipitation averaged 2.38 inches, 0.86 inches below the long-term average. The northeast CRD averaged 3.26 inches, the highest for the month. The driest district was the southwest with 1.52 inches.

Soil moisture changed little overall on average in October. At the end of the month, moisture levels averaged 0.30 water fraction by volume (wfv) at depths of 2 inches, 0.31 wfv at 4 inches, and 0.32 wfv at 8 inches. Levels were higher at 39 and 59 inches with average values of 0.43 and 0.41 wfv, respectively.

Personnel

- Michelle Stewart**
 Owner & President
- John Stewart**
 Owner & Project Specialist
- Greg Farrantello**
 Dept. of Agronomy CCA/
 Manager
- Jason Hill**
 Operations Manager
- Billie Marko**
 Monitoring and Reporting

New Public Outreach

October is geared to working in the fields. Most of the PR is complete and ready to go. Some PR might be left for fall fields

In general we are always doing PR weeks ahead of when the fields actually get spread.

The majority of the residents appreciate the communication. Some have questions. Some already know what we do. Some ask to be removed from the list. We answer questions and provide information as best we can for the community neighbors.

County	
Will—0	
Kendall—1	
La Salle—0	
Grundy—0	



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

Fall hauling season is in full gear and the pressure is mounting.

The daylight hours to work are getting shorter.

Shorter work days are a good reason to be even more efficient and productive. Taking advantage of every hour is extremely important this time of year.

We can't miss a single day. October should be a big month.

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 August 2016

<u>Field</u>	<u>Acres</u>	<u>Wet tons</u>
WL Nugent 12	80	3156.19
WL Ray Nugent 1	115	1780.36

Safety Meetings

Two new employees went through our two day classroom On Boarding session. Included was the annual safety training on a variety of subjects as well as thorough instruction and several presentations about company safety philosophy, policies and procedures.

Agronomy Corner

October means the fall fields are getting harvested and it is getting busy! Big fields are available for spreading.

Fall hauling is our busiest time of year. It is also one of the best times of year to apply biosolids. The fall weather is usually a mix of dry and wet conditions. We keep a close eye on fields each and every day.

Now that harvest hits full swing, many farms can be spread during this time to help improve soil conditions and fertility values.

