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Weather summary:

November 2017

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

Air temperatures averaged 41.9 degrees F for November, 0.6 degrees below the long-term average (Figure 1). The southwest crop reporting district (CRD) had the highest temperatures with an average of 46.6 degrees. The lowest regional temperature was 37.3 degrees, reported from the northwestern CRD.

Precipitation averaged 2.22 inches, 1.25 inches below the longterm average. The southeastern district had the highest average with 3.32 inches. The west-southwestern district had the lowest average at 1.22 inches.

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

November has been very wet and the weather should usually cooperate with field operations. We can have an inch of rain this time of year and not be back in the field for a couple of days. A wet November so far is hampering operations.

The PR is done for now. December was a busy PR Month. We are always doing PR weeks ahead of when the fields actually get spread.

We strongly encourage and invite all regulatory and industry leaders to help out with biosolids land application PR by educating and promoting biosolids recycling.

County	
Will-0	
Kendall-0	
LaSalle-0	
Grundy-0	
Cook-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

The Mooseheart School came to visit Stewart Spreading on November 16, 2017. The kids had a wonderful time learning about the farm and getting to see all the animals. In this picture they are having fun watching the cattle.



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 VOLUMES APPLIED November

<u>FIELD</u>	<u>ACRES</u>	<u>WET TONS</u>
KN Mundt 10	151	4029.81
KN Mundt 11	145	5873.06
WL Mundt 22	34	1194.29
WL Mundt 23	32	889.99

Safety Meetings

In the month of November, we continued to do tool box talks with our drivers and operators along with specific trainings geared towards harvest safety. Additionally, we onboarded four new employees in all facets of safety and operations to make them a successful and safe part of our operation.

Agronomy Corner

During November, fall harvest is still slow progress. Farmers reported more wet acres than usual due to wet conditions in October and November.

Throw in a poor market and it is a perfect storm for slow harvest in 2017. Fall harvest is so important for major spreading.

With not much done in October, we are waiting for fall harvest to open up full steam.

Timing is important. We try to transition right into fall spreading as soon as fields are harvested.