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This Issue **Weather Summary October**

Weather 1

Public Outreach 1

Biosolids Volumes 2

Land Applied

Personnel 1

Government 2

Officials

Safety Meetings 2

and Notes

Odor Minimization 2

Agronomy Corner 2

Weather summary:

October 2017

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

Air temperatures averaged 58.1 degrees in October, 3.7 degrees above the long-term average (Figure 1). The southwest crop reporting district (CRD) had the highest temperatures in the state with an average of 60.4 degrees. The lowest regional temperature was 55.6 degrees, reported from the northwest CRD.

Precipitation averaged 4.80 inches, 1.56 inches above the long-term average. The northeast district had the highest average with 7.32 inches. The southwest district had the lowest average at 3.05 inches.

Soil moisture increased throughout the state in October at depths from 2 to 39 inches. Levels at 59 inches remained steady, showing little change over the month.

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

October is 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 October could mean a slow fall. Let's hope not!!!

The PR is done for now. A few questions may pop up that we would address from time to time.

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-1	
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

Greg Firrantello and Billie Marko attended the IAWPCO-North West Conference in Dixon, IL to educate others about the benefits of biosolids. It is a great time to share what we do as a company and share the benefits of biosolids!



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

LASMA VOLUMES APPLIED OCTOBER 2017

<u>FIELD</u>	<u>ACRES</u>	<u>WET TONS</u>
WL Nugent 3	112	3918.61
WL Nugent 4	54	1615.31
WL Ray Nugent 1	115	2252.41
WL Nugent 14	40	1610.25
WL Nugent 19	166	4462.47
WL Nugent 24	75	3630.52
WL Nugent 35	80	3206.82
KN Mundt 10	151	1232.42

Safety Meetings

In the month of October, 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 October, fall harvest is a slow progress. Farmers reported more wet acres than usual due to wet conditions in October.

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 wheat fields spreading all wrapped up, we are waiting for fall harvest to open up full steam.

Timing is important. We try to time fall spreading so we can transition right into fall spreading as soon as the wheat fields are all spread.