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Weather summary:
June 2018

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

Air temperatures averaged 74.9° F in June, 3.0° above the long-term average (Figure 1). The southwest crop reporting district (CRD) had the highest temperature with an average of 78.1°. The lowest regional temperature of 70.7° was reported by the northeastern CRD.

Precipitation averaged 6.20 inches, 1.99 inches above the long-term average (Figure 1). The east-southeast district had the highest average with 8.15 inches. The driest was the western CRD with 3.92 inches.

Soil moisture increased at depths from 2 to 59 inches in June. The largest changes were in southern Illinois where levels at 2 inches increased 12% on average. Declines occurred at 2 inches in east-central and west-central Illinois, but all regions had increased moisture levels at depths of 8 inches and deeper.

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

June had a somewhat normal pace for PR. We are constantly maintaining the PR in between some of the 90 day time frames for PR to remain valid.

Some folks are nice. Some are indifferent. Some are tired of the notifications. We need and 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-17	
Kendall-10	
LaSalle-0	
Grundy-0	
Cook-1	
Kankakee-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

June finally is showing signs of drier conditions. We are looking forward to finishing spring 2018 programs.

We stay in close contact with our farmers who signed up 2018 fields. We encourage them not to plant.

Some soil sampling and PR still occurring with late spring sign ups and wheat



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.

June Hauling

<u>FIELD</u>	<u>ACRES</u>	<u>WET TONS</u>
LS Hamman 9	196	6401.23
LS Hamman 5	150	2520.44
WL Stateville 4	104.66	3227.38
WL Stateville 1	186.37	2737.49
WL Stateville 2	101.96	2242.15

Training and Events

We continue to onboard new employees for driving positions and spreading positions.

We spend a lot of time training and sharing with new employees about our BBS safety program here at Stewart Spreading.

Agronomy Corner

During June, Full focus is on finishing spring operations. Slow start to the biosolids spring season due to excessive rain events.

We immediately start calling farmers and checking fields each and every day. The majority of our farmers understand the program.

New farmers usually plant too soon. We are hoping for a drier spring. Dry farming is the best farming. June still has its challenges.