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Weather summary:

June 2016

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

Air temperatures averaged 74.9 degrees in June, 3.0 degrees above the long-term average (Figure 1). The lowest temperatures were in the northeastern crop reporting district (CRD) with an average of 71.0 degrees for the month. The southwest CRD had the highest average with 77.9 degrees.

Precipitation averaged 3.08 inches, 1.13 inches below the long-term average. The northwestern district averaged 5.34 inches, the highest for the month. The driest was the west-southwest CRD with 1.51 inches.

Soil moisture declined at depths of 2–20 inches in June, ending the month with average levels of 0.19 water fraction by volume (wfv) at 2 inches, 0.21 wfv at 4 inches, 0.23 at 8 inches, and 0.33 at 20 inches. Soil moisture remained high at 39 and 59 inches. On June 30, levels averaged 0.42 wfv at both 39 and 59 inches.

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

June was a busy month for our Public Relations team. We visited homes in Cook, Kendall, LaSalle and Will counties. The bulk of our outreach effort was concentrated in Will county.

County	
Cook—1	
Kendall—4	
La Salle—1	
Will—18	



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 is such a busy month with operations that we typically do not attend trade shows during that month.

We are anticipating attending the following trade shows in September and October:

IPWSOA in September, Springfield

IRWA in October, Rockford

Joint Products in October, location TBA

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 June 2016

<u>Field</u>	<u>Acres</u>	<u>Wet tons</u>
KE Kaco Mathers 1	185.43	2941.52
LS Stewart 3	195	3793.00

Safety Meetings

Our regular tool box talks were continued during the Month of June with emphasis on safe operation of heavy equipment. Everyone understands there is no second chance if anyone gets injured by the types of heavy equipment we use.

Agronomy Corner

Spring application is wrapping up as the planters make fast progress getting the seed into the ground. The biosolids spreaders are working overtime to get out of the planters way.

The University of Illinois Ag Department says you lose 1 bushel corn/acre on average, for each day the corn is planted after May 15th. Therefore the pressure is on to get the fields spread so the corn can get planted as quickly as possible. We understand the sense of urgency, therefore we will do whatever it takes.

