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Weather summary:

April 2016

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

Air temperatures averaged 52.9 degrees in April, 0.3 degrees above the long-term average (Figure 1). The lowest temperatures were in the northeastern crop reporting district (CRD) with an average of 48.4 degrees for the month. The southwest CRD had the highest average with 57.6 degrees.

Precipitation averaged 3.26 inches, 0.52 inches below the long-term average. The central CRD averaged 2.18 inches for April, the lowest of the month. The east-southeastern district had the highest average with 5.13 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

April was a busy month for our Public Relations team. We visited homes in Cook, Kendall, LaSalle and Will counties. Most of our efforts were focused in Will County.

County	
Cook - 1	
Kendall—4	
LaSalle—5	
Will—21	



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 advantages of using biosolids as part of a fertilizer program are many. The greatest advantage is a reduction in fertilizer costs. Biosolids typically have about 4 percent nitrogen, and also contain phosphorus and many micronutrients that can be beneficial to crop growth. Another advantage is the addition of organic matter to the soil, organic matter reduces surface runoff, erosion and improves the nutrient holding capacity of the soil. Studies have shown increased organic matter content can improve yields.

Communication with

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 /CALMSA VOLUMES APPLIED March 2016

<u>Field</u>	<u>Acres</u>	<u>Wet tons</u>
KE Brummerstedt 1	75	2,038.96
KE Kaco 3B	80	3,363.20

Safety Meetings

In April we hired seven new employees, who attended our two day On Boarding program. The program included four hours of ASMARK training on a variety of safety subjects, a full overview of our Safety and Company Handbooks, as well as introduction to our Behavioral Based Safety Program.

Agronomy Corner

April is the true beginning of spring in Agriculture. In order to achieve dry ground, sunlight, wind and heat are needed. We really don't see these three until April.

Corn planting begins April 10th. It is now a race against time. A corn planter can cover 600 acres a day. With biosolids we can spread approximately 100 acres on a good day.

Soybean fields help provide a longer window until the end of May.

