



[www.stewartspreading.com](http://www.stewartspreading.com)

**This Issue**

**Weather Summary August**

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:**  
**August 2018**

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

**Air temperatures** averaged 74.7° F in July, 1.1° above the long-term average (Figure 1). The southwest crop reporting district (CRD) had the highest temperature with an average of 76.6° F. The lowest regional temperature was 72.6°, reported by the northwestern CRD.

**Precipitation** averaged 4.81 inches, 1.25 inches above the long-term average (Figure 1). The western district was the wettest with an average of 6.07 inches. The driest was the eastern CRD with 3.61 inches.

**Soil moisture** increased overall at depths from 2 to 20 inches in August. Moisture levels remained steady at 39 inches and decreased slightly at 59 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**

August 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. The PR is ongoing for now. Dry roads creates lots of dust. Plus people like their windows open so we must pay attention. 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.

Once a year notification would probably be enough to satisfy good communication.

<b>County</b>	
Will-5	
Kendall-0	
LaSalle-0	
Grundy-0	
Cook-0	
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

August usually is a time for drier and warmer conditions. We are looking forward to working on summer wheat fields. The work is usually more consistent.

We must stay in close contact with our farmers who signed up 2018 wheat fields. Some farmers need tile or waterway work to be repaired and completed.

Some soil sampling and PR still occurring with late summer sign ups and wheat fields. The weather is reasonably dry for consistent hauling.



## 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.

## August Hauling

<u>FIELD</u>	<u>ACRES</u>	<u>WET TONS</u>
WL Ogalla 1	158	1234.71
WL Ginder 6	40	1034.76
WL Dettmering 1	200	1387.13
WL Heldt 10	78	1416.67
CO Dettmering 3	77	1563.65
KE Moe 8	134	2205.19
KE Johnson 1	236	2605.60
KE Moe 4	17	872.23
KE Moe 6	27	1230.90
KE Christian 1	55	2209.27
KE Kunkel 6	40	1756.30
KE Stewart 4	104	2684.10

## Training and Events

We welcomed four new employees this month and conducted our new employee onboarding program.

Greg Halmagyí attended the IVOA Conference in Carpentersville, IL.

## Agronomy Corner

August is full swing wheat season. Hot and dry summer wheat harvest! Good time to spread fields. Full focus is on summer operations. We do not anticipate any problems for the summer biosolids program. Dry farming is good farming. We immediately start calling farmers and checking fields each and every day. The majority of our farmers understand the summer program.

Once the wheat is harvested, most farmers will also bale the straw too. This takes several days and requires dry weather. Rain dries up quick this time of year and we can get back to work. In general we our down on total acres available to spread in 2018. A poor wheat market has limited the number of acres planted for 2018. A \$6.00 per bushel 2019 futures market hopefully will increase the amount of acres we spread in the summer of 2019.