



This Issue

Weather Summary December

Weather 1
 Public Outreach 1
 Biosolids Volumes 2
 Personnel 1
 Government 2
 Officials
 Safety Meetings 2
 and Notes
 Odor Minimization 2
 Agronomy Corner 2

Weather summary:

December 2016

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

Air temperatures averaged 28.7 degrees in December, 1.2 degrees below the long-term average (Figure 1). The northwest crop reporting district (CRD) had the lowest average temperature at 24.0 degrees. The southeast CRD temperatures averaged 33.9 degrees, the highest for the month.

Precipitation averaged 1.41 inches, 1.28 inches below the long-term average (Figure 1). The east-southeast CRD recorded 2.55 inches, the highest for the month. The driest was the central CRD with 1.07 inches.

Soil moisture data is unavailable at this time.

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

December is winding down and the weather does not always cooperate with field operations.

The PR is all done for the season. In general, December is not a busy month when it comes to adjacent neighbor PR. A few lingering questions may pop up that we would address.

We are always doing PR weeks ahead of when the fields actually get spread. The majority of the residents appreciate the communication. Some may have questions, some are already familiar with what we do and some may ask to be removed from the PR list. We answer questions and provide information as best as we can for the community neighbors. We invite all industry leaders to help out with biosolids land application PR.

| | |
|------------|--|
| County | |
| Will—0 | |
| Kendall—0 | |
| La Salle—0 | |
| Grundy—0 | |
| | |
| | |
| | |
| | |



Field

Acres

Wet tons

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

December is a time to reflect upon the past year, current preparations and future planning for the next season.

In agronomy, we are usually 3 to 6 months ahead of operations in order to have everything in place before the trucks roll.

Spring will be here before we know it. There is no time to waste.



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.

No fields were applied in the month of December.



We keep busy with projects on the farm when we are not

In the fields.

Safety Meetings

One new employee went through our two day classroom On Boarding session. Included was the annual safety training on a variety of subjects as well as thorough instruction and several presentations about company safety philosophy, policies and procedures.

Agronomy Corner

December is usually the end of the season spreading. Field conditions become unsuitable. The holidays are upon us. Year end reporting is getting wrapped up.

We now begin the new cycle of 2017 land base.

In 2012, we had a drought and fields became dry in March. It is rare for this to happen but we have to be prepared just in case.

Spring spreading is one of the challenging times of the year to apply biosolids even if the weather cooperates. It becomes a race against the weather and the planters.

