



Templeton Crop Nutrients Hosts Grand Opening

Over 500 cooperative members, community members and special guests were in Templeton on Thursday, September 14, for the grand opening of Templeton Crop Nutrients (TCN).

Templeton Crop Nutrients is a partnership between four local western Iowa entities. The goal of TCN is to provide quality dry fertilizer product to consumers in western Iowa in the most efficient and effective way possible. TCN is a unit train receiving dry fertilizer hub capable of handling over 22,000 tons of dry fertilizer product. The four entities involved in this venture are Agriliance, Dedham Cooperative, Farmers Cooperative-Arcadia and West Central.

The September 14 grand opening began with a brief presentation given by the TCN board of directors, as well as special guests including Templeton Area Development director Doc Sporrer, Carroll Area Development director Jim Gosset, and a representative of the Burlington Northern Santa Fe Railroad, Roger Nash. A representative from each of the four partners also addressed the crowd, and the presentation concluded with closing remarks by Scott Chesnut, chairman of West Central's board of directors.

Following the opening presentation, guests were led on tours of the facility, and a luncheon was served mid-day.



Templeton Crop Nutrient Quick Facts:

- The TCN facility is the first building of its type to contain no bin cross tie rods
- Total dry fertilizer storage capacity of this building is 22,000+ tons
- There's 50 feet from the floor to the peak of the fertilizer pile within the bins
- The building is filled entirely with only two conveyor belts
- Conveyor belts are 48" wide and run 1,200 ton per hour rated capacity
- A 1,200 ton per hour capacity equates to one railcar every five minutes
- The receiving conveyor is 275 feet in length
- The top conveyor is a shuttle design, the entire belt unit moves east-west on a track
- All plant equipment is controlled by Kahler Automation systems
- The overhead tower holds 200 ton of preconditioned fertilizer
- Two 12-ton vertical blenders can weigh, blend, and load out a semi-load of blended fertilizer in less than five minutes
- There are 3,100 yards of concrete in the make-up of this building, that's enough concrete to make a four foot wide sidewalk that runs 12 miles
- 750,000 pounds, or 375 tons, of rebar were used in the construction of the TCN facility, which is enough rebar that if laid end-to-end it would stretch 200 miles long
- And, there are 320,000 board feet of dimension lumber in this facility, which is enough lumber to build 25 – 2,000 square foot ranch-style homes, and enough shingles are used on the building to shingle those 25 homes as well (51,200 square feet of shingles)
- There is over 57,000 feet of electrical wire running throughout the building, which is nearly 11 miles