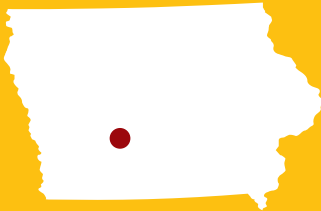


Rightsized And Updated

21st Century Cooperative
Greenfield, Iowa



NEW CONSTRUCTION

This project was a new-from-the-ground-up dry fertilizer shed for the cooperative, and its first season in use will be this spring.

BLEND AND CONVEY

The site's handling equipment includes Doyle products such as receiving equipment, two vertical blenders and loadout conveyors.

HALF A DOZEN

With 1,500 tons of dry fertilizer storage, the floorplan includes six macro bays of varying capacities and two micro bins.

120 TONS PER HOUR

The Doyle bucket elevator provides up to 120 tons per hour for receiving.

BOTH ENDS COVERED

The site plan includes covered receiving and loadout, which has been met with great appreciation from the operations team.

5 REASONS TO LOVE THIS FACILITY

1 SECOND RECENT PROJECT

Five years ago, the team at 21st Century Cooperative rebuilt its fertilizer shed in Cumberland, Iowa, and used a lot of what they learned from that project in this site.

2 RODLESS BIN DESIGN

Marcus Construction provided design and construction services for this fertilizer shed, which replaces a 900-ton shed.



3 5' DROP WALL

For an overall lower dump height, the blending and loadout portion of the building is designed 5' lower than the alleyway and storage area. This reduces cycle times for the loader operator. Manager Rich Anstey shares this feature was carried over from the Cumberland site.

4 PROACTIVE AGAINST CORROSION

The warehouse is built with all stainless steel doors.

5 MORE CAPACITIES, MORE PRODUCTS

With the expanded fertilizer warehouse and more bins, on-site storage of gypsum and AMS have increased.

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PHOTOS: MARCUS CONSTRUCTION AND 21ST CENTURY