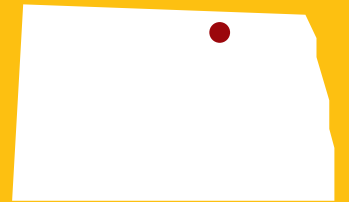


Room to Grow

Legacy Cooperative
Egeland, N.D.



5 REASONS TO LOVE THIS FACILITY

1 EYE FOR EXPANSION
This is a greenfield site the cooperative built with Stueve Construction to better serve a geographic region once on the fringe of the service area.

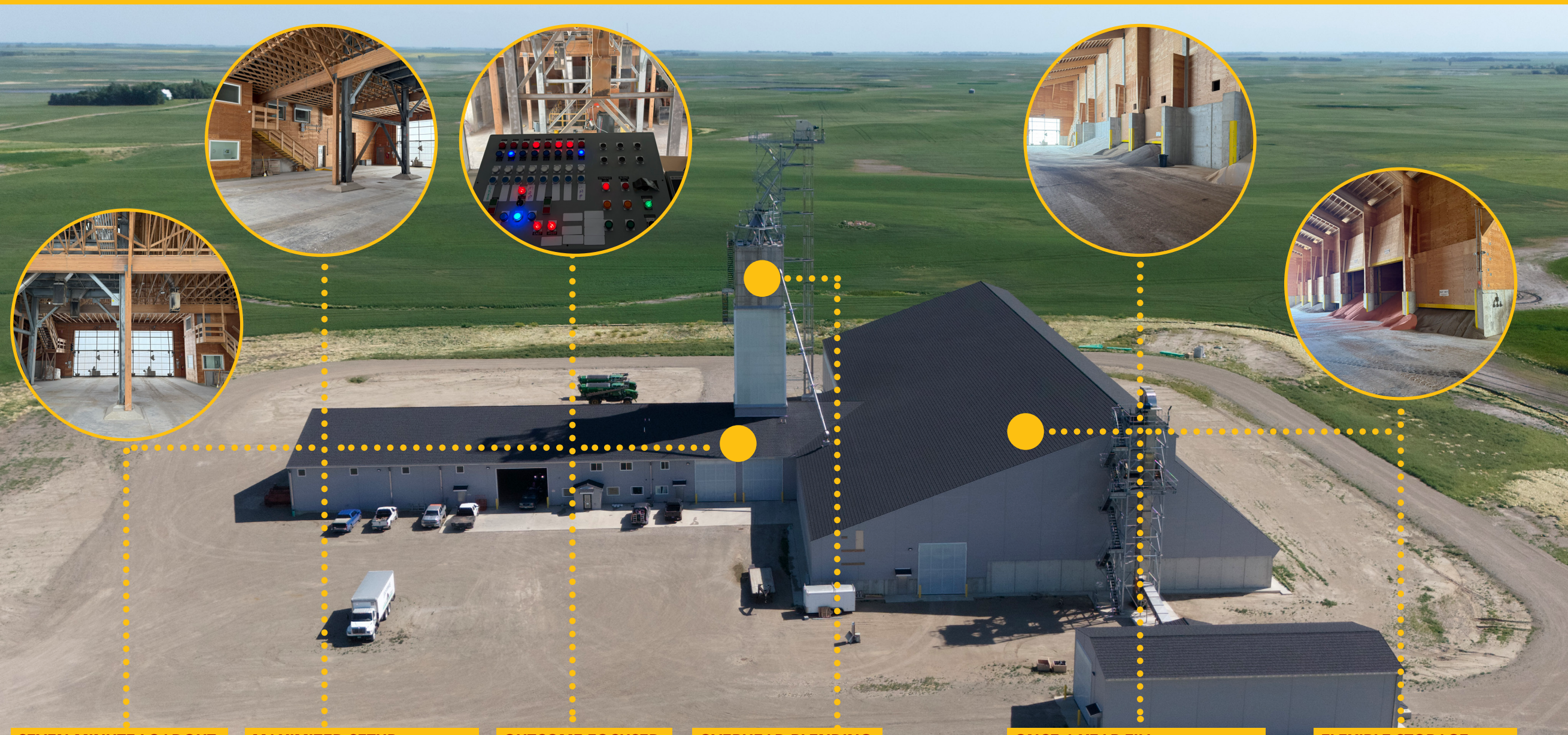
2 CAPACITY IS KEY
Being 30 miles from the Canadian border, the team says it needs storage capacity to position fertilizer for spring. Getting product via truck in-season is nearly impossible.



3 TO THE FIELD
Poised to serve customers, this agronomy center includes a 22,000-ton fertilizer plant plus storage for seed and crop protection and a meeting space.

4 SPEED IS A CLOSE SECOND
Only second to positioning tons of product is the speed at which the team can move it — both inbound unloading and loading out to the field. Right now, only trucks are used for inbound loads, but with top-of-the-line GSI belt conveyors, the warehouse has 800 tons per hour of receiving ready to transition to rail.

5 LOOKING AHEAD
With 160 acres, the site has enough space to add a grain shuttle and is next to a short-line rail spur.



SEVEN-MINUTE LOADOUT

The agronomy center was built with two loading lanes for tenders, which serve three floaters out in the field as well as on-farm deliveries. The service radius is about 50 miles in either direction.

MAXIMIZED SETUP

The GSI blend tower is equipped with eight overhead commodity storage bins, including four major product bins and four micronutrient bins with a total of 300 tons of storage. This setup enables precise nutrient customization to maximize crop yields.

OUTCOME FOCUSED

The system is able to run straight products and bypass the blending system, which can speed up load time to five minutes. Running at optimized efficiency, they can load over 100 semis a day.

OVERHEAD BLENDING

The site is outfitted with GSI dual 18-ton vertical blenders, the largest GSI offers. Legacy Cooperative had experience with GSI equipment at two of its other locations.

ONCE-A-YEAR FILL

It takes three trains to fill the fertilizer plant. By volume, urea and MAP are the biggest products at 8,500 ton and 7,500 ton bins, respectively, but being a large canola area, sulfur is in third place; the cooperative sells AMS and SUL4R-PLUS (2,5000 ton bins each.)

FLEXIBLE STORAGE

There are seven microbins, which can be rotated with other fertilizer products being tested out.

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