

A Big Footprint

Tronson Grain
Doyon, North Dakota



5 REASONS TO LOVE THIS FACILITY

1 Outfitted with Legacy Building Solutions' ExxoTec PVC fabric, the structure held up fine during a blizzard in October 2019. The storm led to 28" of heavy wet snow and 64 mph wind gusts.

2 Patrick Tronson, manager at Tronson Grain, says, "The cost per ton of storage space, without sacrificing handling speed, was the reason we decided to go with Legacy." The company has one other fabric building—a hoop structure.



3 The building is loaded by both trucks and rail cars. The fertilizer storage bins were formed using precast concrete walls.

4 The main structure is 108'x300' with a 40'x120' lean-to. Installation was done by the in-house Legacy crews.

5 The systems are supplemented with automated features, which make the blending and mixing easier on the crew.



YARGUS BY AGI RECEIVING

The Layco bucket elevator leg feeds an overhead conveyor system. The conveyor system can load about 800 tons an hour.



15,000 TONS OF CAPACITY

To provide effective storage of fertilizer materials and caustic chemicals, the steel components were all hot-dipped galvanized.



CAN YOU HANDLE IT?

The Legacy Building Solutions team engineered this tension fabric structure with solid steel capable of handling heavy loads, such as the fertilizer conveyor system.



WORRY-FREE FREE SPAN

The solid steel frame construction provides for free span interior spaces without any central column supports, which is particularly helpful for equipment operators as well as keeping material from adhering to structural columns.



150-TON BLEND TOWER

The Layco Tower Blend System is fed from a floor pit. The tower's nine storage bins allow for custom blends in each truckload.

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