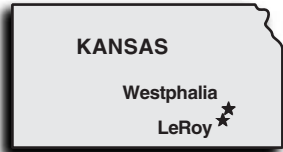


New Tank, New Scale

KANSAS COOPERATIVE COMPLETES UPGRADES AT TWO LOCATIONS



LeRoy Coop Association
LeRoy, KS • 620-964-2225

Founded: 1960
Storage capacity: 2.4 million bushels at three locations
Annual volume: 3.5-4.2 million bushels
Annual revenues: \$39 million
Number of members: 1,200
Number of employees: 28
Crops handled: Hard red winter wheat, corn, soybeans, sorghum
Services: Grain handling and merchandising, agronomy/custom application, feed, seed, tires

Key personnel:

- Lyle Fischer, general manager
- Judy Bentley, merchandiser
- Jerry Tiemeyer, assistant manager

Supplier List

- Aeration fans** AIRLANCO
- Bin sweep** Hutchinson
- Catwalk** Frisbie Construction Co. Inc.
- Concrete tank** McPherson Concrete Storage Systems
- Contractor** Frisbie Construction Co. Inc., McPherson Concrete Storage Systems
- Conveyors** Schlager Inc.
- Grain temperature system** Rolfes@Boone
- Level indicators** BinMaster Level Controls
- Millwright** Frisbie Construction Co. Inc.
- Motors** Toshiba
- Speed reducers** Dodge
- Truck scales** Rice Lake Weighing Systems



Jumpform concrete annex operated by LeRoy Coop Association at LeRoy, KS, with new 340,000-bushel McPherson tank at the right end. Photo courtesy of McPherson Concrete Storage Systems.

LeRoy Coop Association is celebrating its 50th anniversary in 2010 with upgrades at two of its three locations.

At the cooperative's headquarters elevator in LeRoy, KS, the coop added a 340,000-bushel jumpform concrete tank, bringing the total number of tanks in a concrete annex across State Highway 58 from the office to four.

And at Westphalia, KS (785-489-2521), about 10 miles to the northeast, the coop replaced a 60-foot truck scale with a 70-foot model. (Another scale, this one 80 feet long, currently is under con-

struction at LeRoy.)

LeRoy Project

"Last year, we had to ship 850,000 bushels worth of corn in a matter of days," says General Manager W. Lyle Fischer. "It's hard to line up enough transportation to move enough grain out to make room for soybeans. Having the new tank lets us keep more corn at home and wait for a more favorable basis."



W. Lyle Fischer

For this project, the cooperative hired McPherson Concrete Storage Systems, McPherson, KS (800-999-8151), to build the



New 70-foot pitless Rice Lake truck scale at LeRoy Coop's Westphalia, KS location. Photo by Ed Zdrojewski.

tank, and Frisbie Construction Co. Inc., Gypsum, KS (785-536-4288), as millwright. Construction on the \$1.1 million project began at the end of June 2009, and the tank was ready for use by mid-September.

The new McPherson tank stands 60 feet in diameter and 140 feet tall. It comes equipped with a 14-inch

Hutchinson sweep auger with tractor drive, 11-cable Rolfes@Boone grain temperature monitoring system, and BinMaster level monitors.^(R)

A set of four 50-hp AIRLANCO^(R) centrifugal fans supply 1/5 cfm per bushel worth of aeration, with the assistance of four 2-hp roof exhausters, plenty of air for small grain storage.

A 15,000-bph Schlager overhead drag conveyor carries grain out to the new tank. The tank has a sidedraw spout for truck loading, then empties onto a 5,000-bph Schlager drag conveyor in an above-ground grain tunnel, which runs back to existing grain handling equipment.

Westphalia Project

LeRoy Coop had operated a 60-foot truck scale at its Westphalia elevator. However, with more and more farmers hauling grain in semi-trucks, that meant a need for a longer scale.

This year, the cooperative replaced that with a new pitless Rice Lake truck scale with a 70-foot steel deck, a project that was completed in June. Terry Snelling Construction, Independence, MO (816-796-7812), performed the concrete work.

An 80-foot Rice Lake pit-type scale, currently being installed by Electronic Scale Systems Inc., Kansas City, KS (913-342-9009), is expected to be completed at LeRoy later this summer. Terry Snelling is doing the concrete work.

Ed Zdrojewski, editor