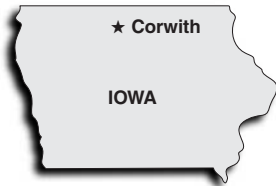


# Feed Mill at Egg Complex

STANDALONE MILL PREPARES, DELIVERS DINNER DIRECT TO THOUSANDS OF LAYERS



**Hawkeye Pride Egg Farms LLC**  
Corwith, IA • 515-583-2600

**Founded:** 2008  
**Number of layers:** 3 million  
**Feed milling capacity:** 2,000 tpw  
**Number of employees:** 76  
**Products:** Whole graded shell eggs, liquid eggs

**Key personnel:**

- Randy Epting, complex manager
- Randy Geyerman, CFO
- Jeff Detrick, feed division manager
- David Neerem, plant manager
- Dan Yoeman, superintendent
- Marty McNeill, scale operator

**Supplier List**

**Batch control system.....** Wisconsin Electrical Mfg.  
**Bearing sensors.....** 4B Components Ltd.  
**Bin level monitors ..** BinMaster Level Controls  
**Bucket elevators.....** Schlagel Inc.  
**Contractor....** Younglove Construction LLC  
**Conveyors (drag) .....** Schlagel Inc.  
**Conveyors (screw) .....** Thomas Conveyor Co.  
**Distributor....** Hayes & Stolz Ind. Mfg.  
**Dust filters.....** AirCon Corp.  
**Elevator buckets .....** Tapco Inc.  
**Engineering .....** Younglove Construction LLC, Bill Lyster  
**Magnets .....** Schlagel Inc.  
**Manlift.....** Schumacher Elevator Co.  
**Microingredient system .....** Intersystems  
**Mixer .....** Scott Equipment Co.  
**Motion sensors .....** 4B Components  
**Roller mills ...** CPM Roskamp Champion  
**Scales .....** Cardinal Scale Mfg. Co.  
**Screeners .....** Andritz  
**Steel storage (welded) .....** Meridian Mfg. Group  
**Truck probe.....** Intersystems  
**Truck scales ..** Cardinal Scale Mfg. Co.



*Ground level view of Hawkeye Pride Egg Farms' new 340,000-tpy feed mill located a few miles southeast of Corwith, IA. Photos by Ed Zdrojewski.*

Towering 144 feet over the flat Hancock County, IA prairie southeast of Corwith, the new feed mill serving the huge new Hawkeye Pride Egg Farms layer operation (515-583-2600) is easily the tallest manmade structure

for miles around.

The new feed mill, which has been in operation for about a year, is dedicated solely to supplying feed to approximately 3 million hens housed in five single-story poultry houses



*A pair of 45-tph Roskamp Champion roller mills grind whole grains prior to sending them to the ingredient bins.*

adjacent to the mill.

Hawkeye Pride is a joint venture between Center Fresh Group, a poultry and egg operation headquartered in Sioux Center, IA, and a group of local farmers and other investors in Hawkeye Pride's north central Iowa area.

"At Center Fresh, we had been working with Primera Foods, a Wisconsin company that wanted to secure a steady supply of eggs for their processing plant nearby," says CFO Randy Geyerman. "At the same time, our owners were looking for a place to expand. This part of Iowa has a lot of poultry and egg production, so we knew we'd be welcome here."

To construct the feed mill, the newly formed Hawkeye Pride selected Younglove Construction LLC, Sioux City, IA (712-277-3906). Feed Division Manager Jeff Detrick says company officials met with Younglove at a trade show and awarded the contract shortly after that. "They have a strong reputation, and we've done business with Younglove-built feed mills in the past, so we were familiar with their work," he says.

Construction began in the fall of 2010 and was completed a year later.

### Mill Flow

No pelleting is done at the Hawkeye Pride feed mill, says Detrick. All of the feed produced in the mill is conveyed in bulk to the adjacent poultry buildings via a series of 5,000-bph Schlagel drag



*Feed Division Manager Jeff Detrick (left) and CFO Randy Geyerman.*

conveyors, where it is stored in four 60-ton Meridian welded steel tanks per building.

The slipform concrete mill structure itself stands on a 32-x-32-foot footprint and contains 19 ingredient bins holding 1,241 tons of ingredients total. There are no finished feed bins, since all feed is produced as needed and immediately conveyed next door. An attached tank standing 32 feet in diameter by 144 feet high holds 73,650 bushels of corn storage.

Incoming bulk ingredients are delivered via truck to a pair of enclosed receiving pits which feeds a 10,000-bph Schlagel leg. There is no bulk grain storage on site; incoming corn goes into a hopper bin inside the structure that sits directly over a pair of 45-tph CPM Roskamp Champion Model DPRM 1200x36 roller mills for grinding.

All mill functions are under the control of a WEM batch automation system.

These are focused around a Scott five-ton double-ribbon mixer, which mixes feed at an average 105 tph or 50 seconds average mix time. Liquids and fats can be added at the mixer, as well as microingredients from a 16-bin Intersystems system.

Detrick notes that Hawkeye Pride does its own NIR testing of ingredients and, as needed, finished feed. An outside firm performs CV tests on the mixer.

*Ed Zdrojewski, editor*



*Finished feed is delivered via a series of overhead 5,000-bph Schlagel drag conveyors to storage in 60-ton Meridian tanks serving poultry houses, each containing 680,000 layers.*