

Liquids, Premixes, Supplements

FEED MANUFACTURER EXPANDS PRODUCT LINE WITH NEW PRODUCTION PLANT



Gold River Feed Products
Shelbyville, TN • 931-684-3460

Founded: 2010
Storage capacity: 600 tons dry,
1,600 tons liquid
Products: Liquid feeds, premixes
primarily for beef
Production capacity: 200-300 tpd
Annual sales: Not yet determined
Number of employees: XX

Key personnel:

- Ivan Pedigo, president/CEO
- Tim Stumpenhorst, plant manager

Supplier List

Air compressor..... Sullaire
Bag closers.... American Newlong Inc.
Bagging scales..... Jem International
Bin level monitors..... Monitor
Technologies LLC
Boiler..... Hurst Boiler
Bucket elevators.. The Essmueller Co.
Contractor In-house
Control system.. WEM Automation
Inc.
Conveyors (drag).. The Essmueller Co.
Conveyors (screw) Process and
Storage Solutions
Distributors The Essmueller Co.,
Schlagel Inc.
Diverters... Hayes & Stolz Ind. Mfg.
Co. Inc.
Dust collection system MAC
Equipment Inc.
Elevator buckets Maxi-Lift Inc.
Engineering Process and Storage
Solutions
Gates..... Abel Mfg. Co. Inc.
Liquid tanks Protane Ltd.,
Southern Metal Fabricators
Microingredient system .. Intersystems
Mixer Scott Equipment Co.
Rail construction ... CSR Engineering
Scales Process and Storage
Solutions
Speed reducers Dodge Reliance
Square bins Tom-Cin Metals Inc.
Truck scale..... Fairbanks Scales

Gold River Feed Products, which opened a 70,000-sq.-ft. feed manufacturing plant and warehouse in January in Shelbyville, TN got its start in another state in a slightly different business.

According to President Ivan Pedigo, Gold River Feed Products is an outgrowth of CPC Commodities in Fountain Run, KY, a cattle producer and beef feed manufacturer that has been shipping products to distributors throughout the southeast United States for more than 30 years.

“We were resourcing all of our supplements through other manufacturers,” says Pedigo. “We started the Gold River operation in 2010 to meet the needs of our various customers for liquid supplements, premixes, and cattle tub feeds.”

For the new plant and warehouse, Gold River’s managers looked for a site with rail access somewhere in the southern part of Tennessee, which is central to the Gold River Feed Products’ customer base. Pedigo says the City of Shelbyville, Bedford County, and the State of Tennessee eagerly courted the new division.

As a result, Gold River set up shop in the east end of Shelbyville at a site located along a county-owned short-line railroad with connections to the CSX.

Gold River served as its own in-house contractor to coordinate building of 70,000

Tom-Cin steel storage tower near completion in April 2011 contains eight square bins holding an average total of 600 tons of dry bulk ingredients.



Gold River Feed Products’ new 70,000-square-foot manufacturing plant and warehouse on the east side of Shelbyville, TN was built in 2011-12 to supply liquid feeds and premixes to customers of a more conventional Kentucky feed operation. Photos by Ed Zdrojewski.



Scott three-ton paddle mixer handles premix production at up to 20 tph.

square feet of single-story warehouse and office space, with feed production operations in the northwest corner of the building.

Construction of the \$6 million project is progressing in three phases:

- The first phase, with production beginning in January 2011, is a 200-to-300-tpd liquid feed operation.
- Phase two, which was just being completed when *Feed Equipment News* visited the plant in April 2011, is a dry



Liquid feeds are mixed in this 6,000-gallon tank from Southern Metal Fabricators.

premix operation with estimated capacity of 10,000 to 15,000 tpy.

- Phase three, scheduled for completion in fall 2011, will produce 15,000 to 20,000 tpy of extruded tub feeds for cattle.

While Gold River served as its own general contractor, Process and Storage Solutions (PASS), Rainsville, AL (866-354-7277), worked with Gold River to lay out the plant to meet specific plant design requirements. PASS also provided concrete foundation and structural steel engineering for the plant. The eight-compartment bolted bin group for storing and batching dry ingredients was



Jem International bagging line bags 95% of the dry premix production at the Shelbyville plant.

supplied by Tom-Cin Metals, and PASS supplied the steel support structure.

Production Today

Liquid feed production revolves around a 16-tank farm, mostly outside the main building, with poly tanks supplied by Protane Ltd. and steel tanks by Southern Metal Fabricators. In total, the plant has 1,200 tons worth of liquid storage.

Liquid feed mixing is done in a 6,000-gal. stainless steel mix tank. The plant will have the ability to mix about 300 to 400 tons of product per day. From there, finished product is pumped to storage tanks or direct to a trackside truck and railcar loading system. Currently, a standard tank car is loaded in about 40 minutes.

Bulk dry feed ingredients are stored in eight Tom-Cin square bins holding an average total of 600 tons. Ingredients are transported into the plant via a series of PASS screw conveyors and Essmueller drag conveyors. Smaller-quantity ingredients are handled through a 12-bin Intersystems microingredient system.

Dry ingredients are assembled in a 3-ton Scott paddle mixer, which generally is run at 15-20 tph, depending on the product.

While the plant is set up to load bulk trucks, 95% of the plant's premix output is bagged using a JEM International bagging line with American-Newlong bag closers.

Plant functions are under the control of a WEM automation system.

Ed Zdrojewski, editor