Flexible Conveying System Cuts Costs, Improves Quality

By Deborah Salter Green, Associate Editor

ST. LOUIS — Whitmire Micro-Gen Research Laboratories Inc., located here, wanted to manufacture its granulated corn-cob-based ant bait products in-house. By eliminating outsourcing, the company could increase production and quality while cutting costs. A good conveying system was integral to achieving this goal.

Choosing the right system
Whitmire Micro-Gen’s ant bait products are used primarily at commercial properties and farms, and typically are applied with a mechanical spreader. The final product must have very few corn grits.

The conveying system has a bulk bag discharger that unloads 800-lb bags of corn granules. A 10-foot-long flexible screw conveyor then transports the material to a ribbon blender.

---

TBV Inc.
a PCC Flow Technologies company

✓ Instrument Connection Systems
✓ Pressure Connection
✓ Flow Connection
✓ Gauge Connection
✓ Flush Ring Systems
✓ Instrument Valves
✓ Actuated Valves
✓ Severe Service
✓ Ball Valves
✓ Metal Seated Valves
✓ Pressure Class to 2500#

121 FLANDERS ROAD WESTBOROUGH MA 01581
TELEPHONE: (508) 898-0999
FAX: (508) 898-3745
E-MAIL: info@tbvalves.com
Solid PTFE Material Boosts Gasket Performance

PENSACOLA, FLA. — Solutia Inc., located here, produces nylon, nylon extrusions and adipic acid for food flavors. Sidney Keywood, senior engineer specialist at Solutia, had been using polytetrafluoroethylene (PTFE) gasket materials for 10 years. He felt that solid PTFE gaskets offered good application flexibility, were easy to cut to size requirements and were less expensive than metal or carbon-reinforced PTFE gaskets.

Although Keywood and Solutia were satisfied with the gasket materials they were using, Keywood, long involved with the Tightness Testing