

The Big Blue II, left, and Big-blue IV nipple waterers from Trojan are available in new stainless steel models.

## Trojan reports new waterers

CONRAD, Ia. — Trojan all-weather nipple waterers for outdoor and indoor use are available in a new stainless steel model, according to Jerry Knief, senior design engineer, Trojan Specialized Livestock Equipment.

"The stainless steel Big-blue II and stainless steel Big-blue IV nipple waterers will not corrode. Nitrates, manure, water and other corrosive farmyard elements cause galvanized units to rust out over a period of time, usually less than 10 years. Stainless steel is virtually corrosion free. The Big-blue II has two nipples; the Big-blue IV, four nipples.

"Another big benefit is its new adjustable nipple heights. As

usual, the standard nipple height is set at 20" for larger hogs. Now nipples can be adjusted down to 14" for weaned pigs. This gives the hog producer flexibility in watering both large and small hogs," says Knief.

"The type of casings, installation, the heating system, thermostats, and access panels remain the same in this new stainless steel model. It comes complete with the Trojan #75 stainless steel nipples and can be easily installed in most kinds of operations.

"The Big Blue Stainless Steel waterer is electrically heated and thermostatically controlled for the most economical and efficient way to water hogs," says Knief.

NEWARK, Del. — Delaware could be getting more employment out of federally supported programs than some other states, according to Daniel S. Kuennen, extension community resource development specialist for the University of Delaware.

He says that a recent General Accounting Office (GAO) study of federal economic development assistance programs shows that these programs differ in their effects on area employment, depending on such industry and regional characteristics as proximity to markets, state and local tax incentives, labor supply, wage rates and available housing.

Based on this information, Kuennen says state and local development strategies should be tailor-made for best results.

"For example, the study shows that whether aid is provided in the form of grants, direct loans or loan guarantees, manufacturing has the greatest effect on jobs," he says, "while public works grants have more impact on employment than other types of grants. They also have a greater effect than loans or loan guarantees."

Kuennen says the GAO findings should be of interest of local policymakers, since the study indicates that states respond to economic stimulus in different ways, depending on whether they have low, medium or high employment growth. (According to data used in the study, Delaware is

in the low growth group.) When analyzed according to these categories, grants were shown to work best in states with low employment growth.

"It's not easy to count jobs associated with a project," the specialist cautions. "They can be permanent or temporary, full-time or part-time, actual or expected, private or public. No uniform standard exists."

Usually two tests are used to determine the impact on new jobs created by a federal development program. The substitution test asks whether or not private business firms, state or local governments would have funded the projects without federal assistance. The second approach is the relocation test. This asks whether or not the project would have located elsewhere without federal aid.

Previous attempts to evaluate economic development policy have used a case study approach, Kuennen says. The GAO study created an econometric model which gives planners a handle on how development strategies affect employment.

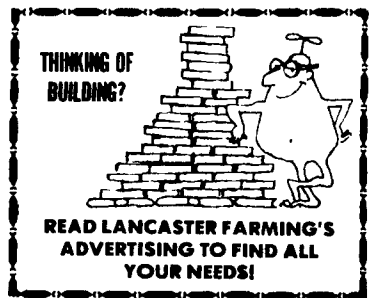
This particular model shows that Delaware falls in the low employment growth category, which means the benefits from federally supported programs should be greater than in many other states. In other words, it appears that Delaware should be getting more employment out of its grant dollar.

## Insider joins sire lineup

PLAIN CITY, Oh. — 7H1516 Coldsprings Insider is a new October release from Select Sires. He joins the Select Sires proven Holstein lineup along with 65 other genetically superior sires.

This Conductor son carries on a tradition for high milk production (+976M) and outstanding type (+1.41PDT). Insider sires the modern dairy cow, a cow that is above average for stature, very angular, has a wide rump, and exhibits depth of heel. Furthermore, Insider daughters have tremendously high, wide rear udders.

Insider was acquired from Edrich Farms, Inc. and breeder Marlin Hoff of Maryland.



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