

Pork Prose

(Continued from Page D2)

which is critical for southeastern Pennsylvania.

How Can You Best Cope With High Temperatures?

• **Move more air.** If you already use recommended ventilation rates, but you want more air, install paddle fans on the ceiling before you put more fans in the wall.

• **Earth tube cooling.** This is an effective method - but for snout cooling sows only. To draw all the incoming air through earth tubes would be impractical in summer since it would take too many tubes. Unless you have your own backhoe, installation is expensive.

That's partially offset since the earth tubes can also be used to preheat air in winter.

• **Spray Nozzles.** These are popular because they get the animals wet and that's the most effective way to cool a hog. They're good for finishing buildings, or breeding/gestation areas. They should not be used in a farrowing house. Choose a nozzle size and regulate the spraying time so that each hog receives at least .02 gallons per hour. For example, if you had 25 hogs per pen and one nozzle/pen that puts out 3 gallons per hour, the nozzle should run about 2 minutes out of 10.

$$(3 \text{ gal/hr} \times 25 \text{ hogs}) \times (2 \text{ min} / 10 \text{ min}) = .024 \text{ gal/hr/hog}$$

• **Drip Coolers.** These work on the same principal as the spray nozzle. They make the animal wet and cool, without adding

significant moisture to the air. They're ideal for sows in farrowing crates since you can wet the neck and shoulders of the sows without chilling the baby pigs.

• **Evaporative Coolers (Wet pads)** through which incoming air is drawn). These are better than nothing at all but the industry seems to be moving away from them. They add to the humidity and they're least effective when you need the cooling the most - on hot muggy days.

• **Foggers.** These spray a fine mist which does cool the air somewhat, but they also increase humidity. So like the evaporative coolers, the industry is steering away from them.

• **Air conditioners.** These work great but the electric bill will cost you an arm and a leg because of the high ventilation rates used in swine facilities.

Can Cooling Make a Difference?

For sows and boars in the breeding area, for sows in late gestation and through lactation,

and for market hogs in the finishing period - cooling can make a difference. And unless your operation is small, the investment in equipment will pay for itself.

NAILE To Host National Hereford, Brangus Shows

LOUISVILLE, KY - Harold Workman, executive director of the North American International Livestock Exposition, today announced the schedule of livestock events for the 1987 expo. He also announced that premium catalogs will be mailed July 1. He said, "We will be mailing over 12,000 premium catalogs again this year. Anyone interested in participating in the NAILE this year as a livestock exhibitor, and who does not receive a catalog, can contact the NAILE office at 502-588-3166."

Workman said the 14th Annual NAILE will begin November 7, and continue through November 20, 1987. Dates for shows in the six livestock categories and other events of note are:

- Nov. 7-10- Dairy Cattle Shows and Sales.
- Nov. 15-20- Beef Cattle Shows and Sales.
- Nov. 14-20- Sheep Shows and Sales.
- Nov. 9- Market Swine Show.
- Nov. 14-15- Draft Horse Shows.
- Nov. 9-14- AQHA Approved Quarter Horse Shows & National

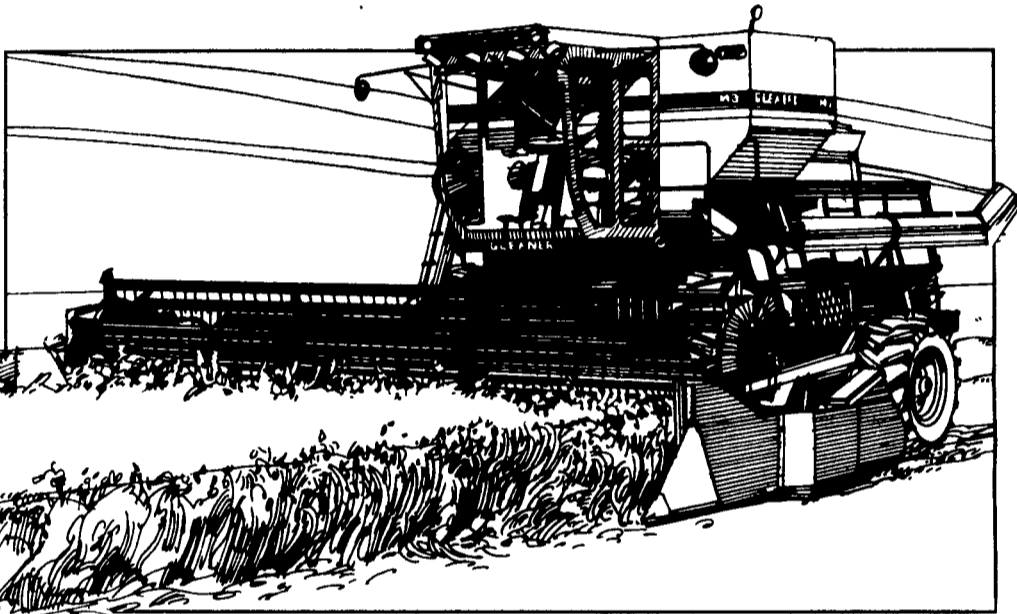
Snaffle Bit Futurity.

- Nov. 12-14- North American Championship Rodeo.
- Nov. 19- Sale of Champions.

Workman said several new events have again been added to the NAILE schedule this year. He said, "For the first time, the NAILE will host a National Hereford Show and the National Brangus Show of Merit. The National Snaffle Bit Association will stage a futurity at the NAILE, the first one ever and the International Hereford Organization shows and Gelbvieh shows are new to the Expo this year, too."

The NAILE is the largest, all-breed, purebred livestock show in the world. Held annually at the Kentucky Fair and Exposition Center, the event attracts livestock exhibitors from across the United States and visitors from many foreign countries. They gather each year in Louisville to compete for over \$300,000 in premiums and awards. Workman expects the number of livestock entries this year to total nearly 15,000.

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