

Poultry planning

(Continued from Page C32)

between block and sill. (3) Consider perimeter insulation in the chamber used for end room brooding. (4) Put plastic over the end doors. (5) And keep your windows and curtains tightly closed.

If you're building a new broiler house you'll certainly want to do these things

There's one big danger, though, when you take these steps, cautions the engineer. Reducing infiltration increases the risk when you have a power failure in the house.

Chickens produce a lot of heat. If the electricity is off so fans aren't working, that heat is retained in

the building. The result can be heavy flock mortality even if the temperature outside is only 30 degrees F.

The time it takes for birds to die or for heat to reach fatal levels depends on the age of the birds. It may be less than three hours. When the fans don't operate as they should, you can expect the house temperature to reach 100 degrees F.

If you're going to rely on natural summer ventilation, you want to orient your poultry house east-west on Delmarva, as noted by Walpole. And the house shouldn't be any wider than 45 feet. This is why it may be possible to ventilate narrow shed roof houses better

than wider ones.

Buildings also must be spaced properly if you intend to use natural ventilation. This means allowing 100 to 150 feet between each unit. If houses are too close, wind that is deflected over the first won't get back to the ground for maximum impact on the second one.

On Delmarva, growers aren't using this much distance between units, probably because of the space required. Also, since they use some mechanical fan assistance, they're not totally dependent on natural ventilation.

Fans are needed in this part of the country because the wind can't always be relied on.

Weather data analysis shows that in the summer we're quite likely to have periods of up to six hours without any wind at all, says Collins.

Heart of Penn sets 1981 meeting topics

DORNSIFE — Scheduling their 1981 meeting topics was part of the agenda for the Heart of Penn Goat Breeders' Co-op recent meeting.

A management clinic is planned for May, and a picnic, with the selection of a young person to represent the group as Heart of Penn Sweetheart, is scheduled for June.

There will be no meeting in July. In August there will be a wine and cheese tasting party featuring homemade wines, goat cheese and breads.

More than just wind is involved in deciding which way to orient a new poultry house. Though you may end up facing it east-west, this decision won't be based entirely on wind direction.

Other factors including solar heat load are also involved.

No meeting is scheduled for September. In October, a speaker will present a program on sire selection.

November's meeting will feature a veterinarian's talk on maintaining a healthy herd. And, December's program will feature breeding season or winter management.

Contact Roberta Molaro, 717/758-8359, for time and place.

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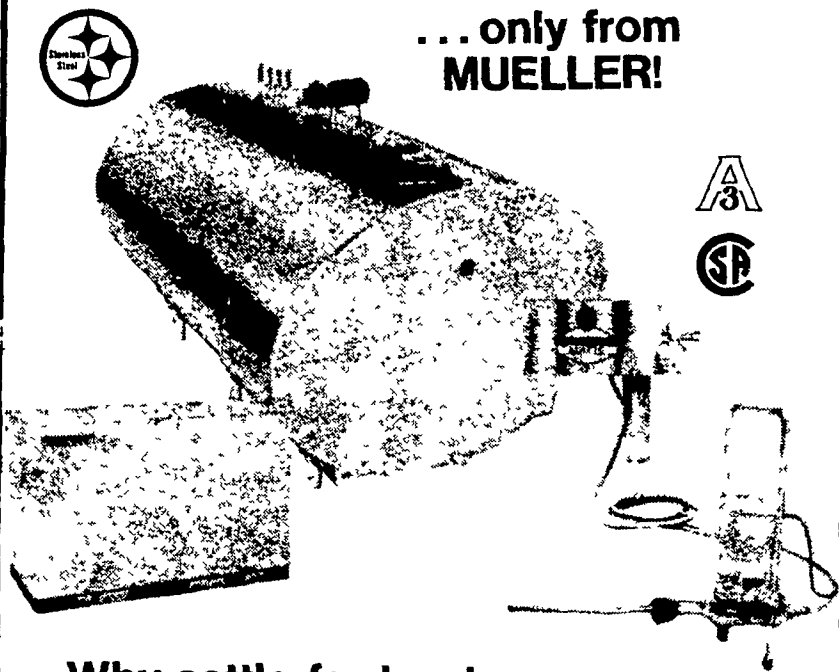
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