

Tobacco glut

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John Yocum, from the Penn State University research farm in Landisville, told farmers it is important to use proper quantities of fertilizer, especially in the seed beds.

With too much fertilizer, he said, "what happens is you burn those little plants up."

He recommended using 1 to 1½ pounds of corn starter on a 50-square foot bed and 12 pounds of a 6-foot by 100-foot bed.

"You don't need a tremendous amount of fertilizer," he said, adding that those amounts should be followed with other applications during the growing season.

Yocum advised farmers to have their soil tested so they will know what amounts of fertilizer to use.

While manure provides many nutrients to the soil, Yocum said different manure contains different quantities of vital nutrients. He said chicken manure should

not be used on tobacco because it contains such a high percentage of nitrogen that it is impossible to spread it thinly enough. Only about two tons per acre are needed.

When the manure is incorporated into the soil also affects the amount of nitrogen the soil absorbs, Yocum said. If the manure is plowed under within 48 hours only 50 percent of the nitrogen will be available the first year.

If it is incorporated within two days, only 35 percent will be available. The percentages continue to decrease with longer time periods, Yocum said.

Yocum also stressed that farmers should not buy their plants out of state because many of the imported plants carry diseases such as black shank and bacterial wilt.

"Many have diseases we don't want in Lancaster County," he said.

KALAMAZOO, Mich — Lutalyse sterile solution (dinoprost tromethamine), a prostaglandin product developed by The Upjohn

Hornworms have also been plaguing tobacco farmers. They have been showing up in increasing numbers and Yocum warned farmers to "be aware of those hornworms" that hide underneath the leaves.

Bill Brubaker warned the growers about increasing phosphorus levels that are starting to show up in Lancaster County wells.

"We've got to watch the manure rates per acre," he told them.

Following the speaker's presentations tobacco farmers were given an opportunity to ask questions. Brubaker said he has been sponsoring this meeting for about four years.

Farrowing drug approved

Company has received FDA approval for use in inducing farrowing in swine.

Available through veterinarians, Lutalyse is also cleared for synchronizing estrus in beef cows and heifers and non-lactating dairy heifers, treating silent heat in lactating dairy cows and treating pyometra in cows. It is also cleared for use as an abortifacient in feedlot heifers.

"This clearance of Lutalyse makes it the only FDA-approved prostaglandin product currently available for the purpose of inducing farrowing in swine," explains Jim Van Buren, Upjohn technical services veterinarian.

"Being able to induce farrowing enables a swine producer to arrange his labor so farrowing can be supervised. It also maximizes use of high-priced facilities on the operation by allowing an all-in/all-

out farrowing and allows for grouping more routine activities such as vaccinating, tail docking and clipping needle teeth."

It is important to maintain up-to-date records on each animal so the injection can be given at the proper time.

"Field studies show that Lutalyse effectively induces farrowing in sows and gilts known to be 111 to 113 days into gestation.

When Lutalyse was administered at the proper level of 2 ml, the time from injection until parturition averaged 29 hours, while the controls showed 78 hours. All treated sows have farrowed within 72 hours after the injection, whereas it required 144 hours for all control sows to farrow," reports Dr. Van Buren.

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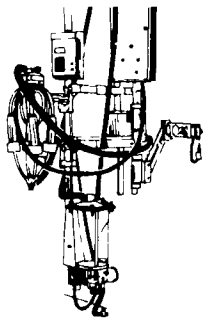
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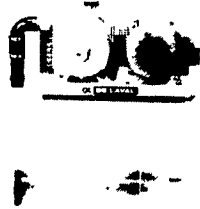
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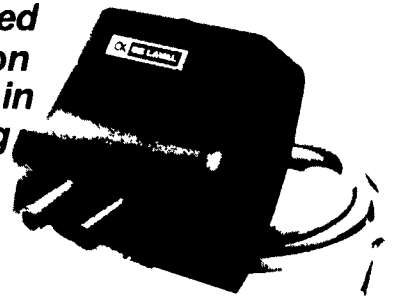
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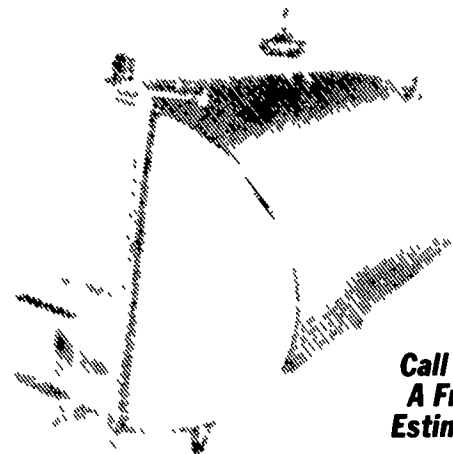
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