



NO LIFTING MILK on the James Graybill farm. Milk from his 36 holsteins flows by gravity to a vacuum release under stalls in his milking parlor and is pumped under pressure to the bulk tank in his milk house. With no exposure to the air, the milk is pumped into milk Company's tank truck. Here James, left, talks with the truck driver, Donald Lefever, Lancaster, while the milk flows.

### ● Milking Parlor (From page 1)

to be milking 40 cows by winter and perhaps have 50 by this time next year I can take care of that many with the new system, he says.

Before installation of the parlor about six weeks ago the 36 cows were milked in a stanch on barn and milk carried to the bulk tank. "Now I do the milking myself. Before there was two or three of us—two milking and one carrying milk, and it took just as long as it does now," Graybill says.

I had the parlor ordered before this new system came out, but when I heard about it, I changed my order, Graybill said.

The new system to which he referred has the milk line below the floor of the milking stall. With this set-up no milk is raised under vacuum, (one of the causes of rancidity in pipeline milking systems) but flows by gravity to

a vacuum release and is pumped to the bulk tank under pressure.

The vacuum line is also of glass and is washed each milking along with the milk line, but the two systems are on separate pumps. The vacuum line operates at 18 inches of vacuum while the milk line has only 13, making for faster, easier milking and less fluctuations in vacuum at the cow's udder.

Many milking parlor installations in the county have been installed in remodeled bank barns and resemble dark cellars more than parlors, but the parlor on the Graybill farm is light, airy and easy to keep clean and dry. "It is not only good looking, but very efficient," says

(Turn to page 11)

### ● Tobacco Disease (From page 1)

applied between the regular intervals.

Where wildfire is present, Lueck recommends increasing the streptomycin to 200 parts per million for the next two or three sprays.

Most of the disease incidence occurred where growers stopped the spray program when they began pulling.

Lueck reported the two newly-released varieties of tobacco released earlier this year by the Pennsylvania State University appeared to be free from any disease.

The farmer receives 12 percent less for a typical "market basket" of farm grown food than he did in 1947-49.

LANCASTER COUNTY DISTRIBUTOR FOR DITHANE M-22  
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## Dithane M-22 Users Sweep Top Tomato Grower Prizes

Three top winners in the 1960 New Jersey 15-ton Tomato Club competition used DITHANE® M-22 to control anthracnose, early and late blights, gray leaf spot and septoria leaf spot in their prize crops.

The following table lists these three champion growers, their winning figures, and their DITHANE spray programs:

	QUALITY CLASS Elmer A. Tindall Windsor, N.J.	YIELD CLASS Emidio de Silvio Cedar Brook, N.J.	4-H CLUB Bruce Jones Medford, N.J.
YIELD per ACRE	24.3 tons	34.5 tons	21.7 tons
GRADE	U.S. #1—85.2% U.S. #2—14.6% Culls—0.2%	U.S. #1—73.4% U.S. #2—26.3% Culls—0.3%	U.S. #1—64% U.S. #2—32% Culls—4%
ACREAGE	20.9	12.7	2.7
FUNGICIDE	DITHANE M-22	DITHANE M-22	DITHANE M-22
APPLICATIONS	5 at 3 lbs/acre	11 at 2 lbs/acre	7 at 3 lbs/acre

Mr. Elmer A. Tindall has been a top winner for 12 years. He is a long-time DITHANE user.

The father of Bruce Jones, the 4-H winner, is also a DITHANE user. Mr. Lester C. Jones grew 55 acres of tomatoes in 1960 with a yield of 20.9 tons per acre.

Mr. Tindall and Mr. de Silvio use RHOTHANE® for insect protection to avoid costly losses from hornworm and fruitworm. Your dealer can help you plan a spray program to help bring you prize-winning yields, too.



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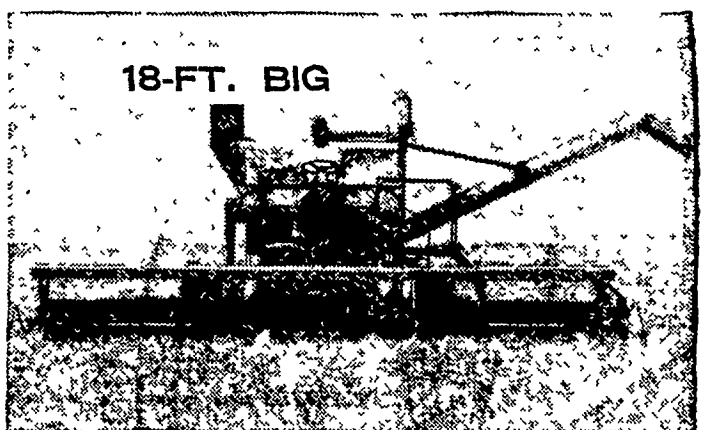
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