



FAN FOR DRYING CORN was put to other uses earlier this year. First it did duty in the hay mow to help finish curing the clover crop. During the humid weather of tobacco cutting time the fan was used to keep the green tobacco from pole burning. The crib here is of woven wire 22½ feet in diameter and almost 15 feet high. The 48 inch fan brought the moisture content down to safe storage levels in just a few days. A canvass covering over the top will keep off rainwater until the corn is used. Corn will be removed from the crib through the opening made for the fan. The base is of poured concrete and is semi-permanent —LF PHOTO

● **Wheeltrack**

(From page 1)  
 tions of steer manure on the fields. Soil tests from the Pennsylvania State University showed a pH of about 6.5 and levels of up to 400 pounds of Potassium per acre. Phosphorus was found to be the limiting factor with only about 7 pounds per acre in most fields. "Every acre on the place got 500 pounds of granular Super-phosphate plowed under. Then we be-

gan working on our Nitrogen problem," says Henney.

Nitrogen was applied in various rates depending upon the cover plowed down. Alfalfa sod got applications of 45 pounds of actual nitrogen per acre. Clover sod received 75 pounds while corn stubble land needed a total of 90 pounds. All the nitrogen plowed down was in the form of urea.

Two tons of dolomitic limestone per acre was add-

ed to insure ample amounts of calcium and magnesium even though the acidity was not great. Henney conducted yield checks for one student who raised his production from 45 bushels last year to 130 bushels this year by the addition of lime. Sometimes, he explained, high levels of potash in the soil will give a high pH reading while the soil may actually be deficient in calcium.

● **Plowing is important.**

The way the land is plowed is of utmost importance, Henney believes, if wheel track planting it to be successful. "If you have a tractor rated for three bottoms, get a two bottom plow and speed up." is the way Henney advises farmers to prepare the seed bed. Planting the same day is important too. Leaving the soil to dry out for a day or so may make the difference between good stands or poor stands

"If you plow fast enough to throw the soil over well and smooth out the furrow slice and plant while the soil is still mellow, wheel track planting will save a lot of labor and bring good results" Henney asserts, and asks farmers to try it for themselves next year.

As further proof that research proven practices pay



LABOR FORCE ON THE FARM IS INCREASING but the effect in the fields has not been felt yet. Mrs. Ruth Henney, wife of Robert Henney, holds Dale Eugene Shelly, wife of Mervin Henney, though little Dale is still too young to be of much help on a farming job the men do get an occasional assist-

tor driving and chores from their wives. —LF  
 off in number of bushels in the crib, Henney and his students in vocational agriculture have taken 56 yield checks on their own plots and in the fields of farmers in the community. The results show that adult farmers in the area this year averaged 80 to 85 bushels while the students using improved seed, fertilizer programs, and cultural practices had yields

averaging over 110 per acre. Most of the increase can be attributed to following soil test laboratory recommendations for fertilizer applications for winter wheat. —LF

Chemical Weed Control on Henney's farm would not have been necessary if the soil had been cultivated then to control weeds. (Turn to page 7)



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