

**DRYING SHELLED CORN** in batches of 300 bushels, this bin took corn at 30 per cent moisture and with the use of forced air heat, dried it to 12 per cent in less than 10 hours. The corn was dumped into a hopper and elevated to the bin by sugar. After driving was completed, an auger in the bottom of the bin emptied the 300 bushels in 18 minutes. —L. F. Photo

## 10,000 Bushels Of Corn Is A Mighty Big Heap

By: Jack Owen

Ten thousand bushels of corn in one pile makes a mighty big heap. At least it looked like a big heap this week when this reporter saw it in the potato storage cellar of the Manheim R1 farm of Noah Kreider and sons.

Noah W. Kreider and sons Noah, Jr. and Richard, and son-in-law Leon Schnupp, farm in partnership at Manheim R1 and Manheim R3.

The farming operation includes 16,000 head of broilers, 10,000 laying hens, 50 holstein milk cows, 80 steers and some feeder hogs to follow the steers.

That many head of livestock on anybody's farm will eat a lot of corn in a year's time. Livestock on the Kreider farm is no different. It takes a lot of corn to balance out the rations of that many head of cattle, hogs and chickens.

In addition to the thirty acres of corn grown on the home farms, the partnership rented 150 acres for corn near Tower City, Penna. Most of the crop at Tower City was picked with a picker-sheller and trucked to Lancaster County as shelled corn.

Ten thousand bushels of shelled corn could make quite a storage problem on most farms, and in many seasons it could have been a problem for the Kreiders.

Fortunately, the 94 acre potato crop was graded, bagged and sold before time to pick the corn. Only one problem remained. High moisture corn in a potato cellar would very likely mold and spoil.

The answer was simple to the Kreider partnership. The corn would have to be artificially dried.

Hay on the Manheim R3

farm is finished with heated air from a crop drier. The partnership has a wagon drying outfit with a duct-work built overhead in a pole barn constructed for the purpose.

After adapting the potato storage cellar to take the corn it was an easy matter to adapt the drier to condition the corn for the cellar.

A specially built bin for grain drying batches of 300 bushels at a time was purchased and the crop drier was attached. As the corn was picked and trucked to the cellar it was dried and stored.

Very little labor was needed to move the corn. It was hauled from field to storage in trucks equipped with dump beds which unloaded directly into an auger-elevator hopper. The auger elevated the shelled grain into the drying bin. After drying was complete, another auger emptied the corn back into the elevator hopper to be conveyed to storage.

The potato storage cellar is approximately 200 feet long and is located under a double broiler house with space for 8,000 broilers on (Turn to page 11)

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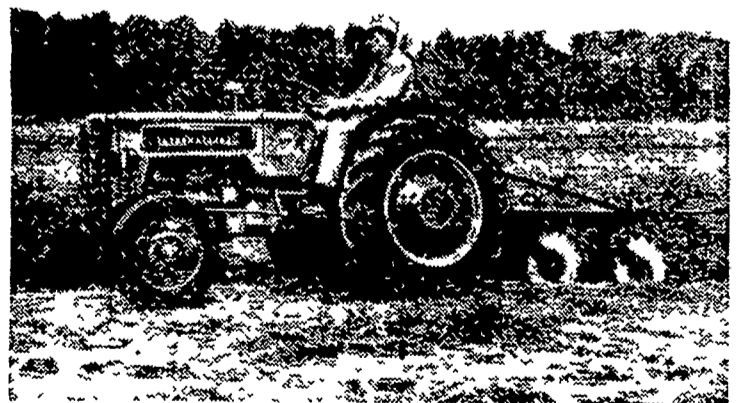
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