

## A Farmer's Power Equipment

In the Farm Machinery Number I described the convenience that Mr. Wesley Elliott has installed in his home. I promised to tell more of my visit in a future issue.

Having said goodbye to Mrs. Elliott I took in the outside conveniences on my way to the road. One of the first to which Mr. Elliott directed my attention was the water system in the barn. The supply for the winter season is in the cow stable where there is no danger of freezing. A second tank above the horse stable is used in summer, and the pipe runs to the lawn, where a hose is used and the lawn consequently is as fresh and green as those we see along the city streets in midsummer. Individual basins are in front of all the cattle.

"I believe that cattle will come out \$5 a head better with water in the stable than when they have to be turned out for water," was Mr. Elliott's opinion.

Water for stable purposes is pumped by a power windmill, cables running from the barn to the ravine where is the pump. "In getting a pump," advised Mr. Elliott, "I recommend the best that a man can get, with a brass cylinder and a long follower. I had such a pump 11 years before I even needed to put a new leather plug on it. It is forcing water 70 feet of a lift and through 300 feet of pipe. I have had several iron pumps but they never gave satisfaction." The power windmill also does the churning.

A seven-horse power gasoline engine is owned cooperatively with a neighbor. "With this engine I do my own threshing and silo filling and also cut wood for the people around me. I cut every bit of straw and feed consumed on the place, which makes the manure much easier to handle with my spreader." Speaking of gasoline engines Mr. Elliott mentioned the following points:

### POINTS ON GASOLINE ENGINES

"I recommend a good sized fly wheel and a good weight," said he. "Such an engine is much easier on batteries. Were it not for the difficulty of moving it around, battery economy would make it just as cheap to use my large engine for small uses as the smaller engine. It would use very little more gasoline to do the same work."

"You will notice that I use two sets of batteries on my engine. It takes more current to start up with than to continue the work, and for the starting I have new batteries. When the engine is running I switch over to the old battery."

"Could you afford to keep an engine for your own use?" I asked.

"I think I could," replied Mr. Elliott. "I do my own threshing, get my silo filled just when I want it, besides all the numerous smaller jobs to which I can harness my power."

"A gasoline engine can beat a man on a fanning mill," continued Mr. Elliott. "It runs so steadily. My boy and I cleaned 75 bushels of wheat in one day and did it all on one-half pint of gasoline. I like to have the fanning mill run about 235 to 275 revolutions per minute, according to the kind of grain I am cleaning."

Just before I was leaving Mr. Elliott showed me what I considered the most wonderful contrivance of all—a threshing mill which he made himself during his spare time.

Mechanical talent is appreciated in Clark Township, and Mr. Elliott is frequently called upon by his neighbors to assist them with home plumbing, installing wind mills and so forth. The best application of his genius, however, has been right in his own home, which he has made so completely modern.—F. E. E.

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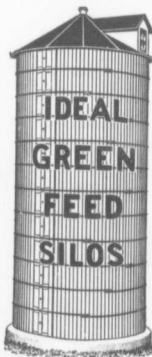
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