




## PEERLESS PERFECTION

No matter how fast it comes, the most unruly animal can't break through a *Peerless Perfection Farm Fence*—it springs back into shape. Made of heavy Open Hearth steel galvanized wire with all the impurities taken out and all the strength and toughness left in. Every wire is crimped making the fence into one continuous surface. You and the fence are extra heavy. Will not sag. Requires less posts than ordinary fence. Absolutely guaranteed. Don't buy a rod of fencing until you get our illustrated Catalog. Describes our big line of farm, poultry and ornamental fencing. Also Peerless farm gates. Agencies almost everywhere. Agents wanted in all unassigned territory.

**The Banwell-Hoxie Wire Fence Company, Ltd.,**  
Windsor, Mass.      Hallowell, Ont.



## This Engine Will Cost You Nothing


You need an engine—get a Gilson on our new easy payment plan, and it will pay for itself. You have the work for it to do this fall and winter. It is so easy to use and high priced—saves yourself a lot of worry and enjoy that "feeling of security," which is such a definite part of the staunch, reliable Gilson Engine.

Gilson Engines have long enjoyed an indisputable reputation for dependability, power, simplicity and economy. This year finds us with an even more attractive proposition for the discriminating buyer. Besides of everything you have been buying have been soaring, but by careful management we are able to furnish Gilson Engines at remarkably low prices. Write us to-day for catalogue, price, and easy payment plan, stating what size you are interested in.

**GILSON MFG. CO., LIMITED, 257 York St., Guelph, Ont.**

## Save Half the time, labor and power in disk harrowing

Use a *double-action harrow*—disk twice at one going over. Save gasoline and keep from compacting the soil by a second working. But be sure the harrow has our rigid main frame that forces the rear disks to cut midway of the fore disks—the only harrow where rear disks cut as deep and do as much work as the fore disks, leaving the land level. Use a



## Cutaway Engine Harrow

The *Cutaway* shares disks cut deep without backing up, and the deep-cutting rear disk is *cutaway* behind and in front of the adjustable hitch, and is made in such a way that all tractors with crawler hitch can use in unaltered form. Write us for our *CUTAWAY* write to us direct. Be sure to write us for our *CUTAWAY* write to us direct. Be sure to write us for our *CUTAWAY* write to us direct. Be sure to write us for our *CUTAWAY* write to us direct.

The *Cutaway Harrow Co.*  
Makers of the *Cutaway* and other  
disk harrows and plows  
101 Main St., Huggan,  
Ont., Can.

## THE LIGHT-RUNNING GILSON FEED AND ENSILAGE CUTTER

The simplest, scientific, carefully worked out construction of the Light Running "Quick Slice Filer" makes it absolutely impossible to clog throat of blower, no matter how fast the corn is thrown in. The *Gilson* is rightly called

### THE KING OF FEED CUTTERS

because of its remarkable elevating power; absolute safety, durability, strength and simplicity—it stands supreme. It has convenient and quick knife adjustment; solid steel-bound cutting wheel, patented safety reverse—and is guaranteed to cut and elevate MORE ensilage with the SAME power than ANY other ensilage cutter IN THE WORLD. Write to-day for catalogue and proof. Manufactured and guaranteed by

**GILSON MFG. CO., L.T.D., 197 York St., Guelph, Canada**



**DEAL WITH Farm & Dairy's Advertisers**

### Postponement Causes Gratification

EDITOR, Farm and Dairy.—I see that you, along with other farm papers, seem to be bewailing the fact that the Dairy Standards Act has received a holist by the Legislature, but dairymen in this section of the country are very well pleased indeed. I frankly confess that it is a hard matter to put up a good argument against paying for milk by test, or pasteurizing whey, but there are plenty of theories which seem highly commendable as theories, but that do not work out as well in practice.

I think that the reason the Act was not opposed more in the start was that the Holstein men, whom it was supposed to hit, were afraid to oppose it through fear of adverse criticism that it might bring out for that part of the breed of cattle. The cheese industry and the export of this commodity has grown to be a big factor in Canadian trade and we Holstein men, from our observations, have come to believe that no breed of cattle in Canada today has done more to build up the cheese industry than the Holsteins. Furthermore, from my own observations as Secretary-Treasurer of the factory, I find that according to tests that we have made, that dairymen that have the larger herds of cattle, all having both high and low testing cows and among the men having in the test cows upward the variation from the test was very slight. My chief objection to the test was that it entailed a lot of work and cost a lot of money and as the factory would receive no more money for the finished product, after the extra expense taken out we were going to have a lot less money to divide among patrons than before. As for pasteurizing the whey, while sweeter whey is certainly desirable, unless the whey tank and all the farm's receptacles for dairy were dumped and scalded out daily, the object sought for is not accomplished, and having given it a fair test, in our own factory several years ago, we conducted the practice as not worth the cost entailed in the operation. Beside, a lot of people have the idea that there is under name of pasteurizing, an inflated ordinary conditions, the margin is so small that many people would not keep cows at all except to keep up the fertility of their farms.—J. Edwin Baxter, Prince Edward Co., Ont.

- 11—Testing two varieties of Sugar Beets for feeding purposes. 2
- 12—Testing three varieties of Swedish Turnips. 3
- 13—Testing two varieties of Turnips. 3
- 14—Testing two varieties of Carrots. 2
- Forage, Fodder, Silage and Hay Crops.
- 15—Testing the planting of Corn at six distances in the row. 6
- 16—Testing three varieties of Millet. 3
- 17—Testing two varieties of Sorghum. 2
- 18—Testing Grass Pasture and two varieties of Vetches. 3
- 19—Testing Rape, Kale and Field Cabbage. 8
- 20—Testing three varieties of Clover. 3
- 21—Testing two varieties of Alfalfa. 2
- 22—Testing four varieties of Grasses. 4

- #### Culinary Crops.
- 23—Testing three varieties of Field Beans. 3
  - 24—Testing two varieties of Sweet Corn. 2

- #### Fertilizer Experiments.
- 25—Testing Dairy on Potato plots fertilized in 1916. 6
  - 27—Testing Fertilizers with Rape. 5
  - Miscellaneous Experiments.
  - 29—Testing three grain mixtures for grain production. 3
  - 30—Testing three grain mixtures for food. 3

Any person in Ontario may choose any ONE of the experiments for 1917 and apply for the same. The material will be furnished in the order in which the supply lasts. Each applicant should make a second choice, as the material for the experiment is re-exhausted before the first choice is exhausted. All material will be furnished free of charge to each applicant, and the produce will, of course, become the property of the person who conducts the experiment. Each person applying should give his name and address very carefully, and should give the name of the county in which he lives.—C. A. Zavitz, Director, Ontario Agricultural College, Guelph, Ont.

### Dairy Butter Defined

What does the law define as dairy butter? What are the regulations regarding its sale? Federal legislation provides—that butter sold as "dairy butter" must be manufactured in a dairy where fifty cows milk or cream of less than fifty cows milk is manufactured. It also provides that "no person shall cut or pack dairy butter into blocks, squares, or prints and wrap such blocks, squares or prints in parchment paper, unless the said parchment paper is printed or branded with the words 'dairy butter.'" It also provides that no person shall sell or have in his possession for sale, dairy butter packed in boxes or similar to those used for packing creamery butter, unless such packages are branded "dairy butter."

- #### List of Experiments for 1917.
- | Number. | Grain Crops.   | Plots. |
|---------|--|--------|
| 1       | Testing two varieties of Oats                          | 2      |
| 2a      | Testing O.A.C. No. 21 Barley and Emmer                 | 2      |
| 2b      | Testing two varieties of Two-rowed Barley              | 2      |
| 3       | Testing two varieties of Hulless Barley                | 2      |
| 4       | Testing two varieties of Spring Wheat                  | 2      |
| 5       | Testing two varieties of Buckwheat                     | 2      |
| 6       | Testing three varieties of Field Peas                  | 3      |
| 7       | Testing two varieties of Spring Rye                    | 2      |
| 8       | Testing three varieties of Soy, Soja or Japanese Beans | 3      |
| 9       | Testing seven varieties of Hunking Corn                | 7      |
|         | Root Crops.  |        |
| 10      | Testing three varieties of Mangels                     | 3      |
- CHOICE DAIRY BUTTER Made By Mrs. John Doe, Rose Bank Farm, Doveville, Ontario.
- CHOICE DAIRY BUTTER Made from Separator Cream By Mrs. John Doe, Rose Bank Farm, Doveville, Ontario.

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