

WINDMILLS



Towers Girted every five feet double braced

Gas and Gasoline Concrete Mixers Write for Catalogues **GOOLD SHAPLEY &** MUIR CO., LIMITED BRANTFORD - CANADA BRANCH OFFICE

WINNIPEG, MANITOBA

years, inasmuch as he has steadfastly refused to se'll any of his females. Time and again he has been offered long prices, but all have been refused, as he has been determined to hold on to his females until he has his herd

built up.
So far Mr. Salley has had no
trouble disposing of all the male stock
he has had to spare through his advertisement in Farm and Dairy, this
paper being the only advertising

medium he uses

Like some of the Holstein breeders along Yonge St., Toronto, Mr. Salley is reaping the benefit of a rapid ad-vance in land values as a consequence vage; in land values as a consequence of the close proximity of his farm to the city of Montreal. His farm is located beside the famous Oglivie farm, which sold recently for \$100,000. Another farm of 320 acres somewhat nearer the city was sold for \$300,000. North of Mr. Salley's farm, land has been sold for \$1,000 to \$1,000 an acres \$200,000. Sold on acres. Forty acres of \$200 to \$300 an acre. Forty acres of land some little distance north of his land some little distance north of his place that was bought seven or eight years ago for \$12,000, sold recently for \$55,000. All this means that while Mr. Salley is breeding and mak-ing money from good Holsteins, as well as from the sale of milk, he is ac-quiring wealth even more rapidly by the rapid increase in the value of his land.

Items of Interest

The milk retailers in Toronto have decided to offer the producers \$1.70 a can this winter. The price demandable the formula in 1.72 in by the farmers is \$1.75

ed by the farmers is \$1.70.

The new agricultural college of Saskatchewan will not be opened this fall as advertised. Many of the buildings have not been completed, and the faculty decided that it was wise to delay the opening of the regular course until next year.

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Harry Coyle and Gordon McDonald, two Colborne boys, are believed to be the champion apple pickers of the world. Last week they wagered \$50 that they could pick 50 barrels of apples in five hours. The bet was accounted to the course of th apples in five hours. The bet was accepted, and the contest was held on the farm of G. P. Ireland, near Colborne. In 4 hours 17 minutes the 50 barrels were filled. The average time per barrel was five minutes 8.4 sec-

HORTICULTURE

Orchard and Garden Notes

Clean up the garden. Remove or burn all trash.

Tie up the currant bushes so the snow will not break them down.
Pull, top and pit the root crops.
They may be left in pits outside until well into November.
Take up de life to the control of the contro

well into November.

Take up dahlias, cannas, gladioli, etc., as soon as the tops are frosted. Store in a cool cellar.

Prepare soil for "starting" boxes in the spring. Cover this, so it will not freeze, or place in the cellar. Store squash and pumpkins in a dry cellar or basement. Even though it is quite warm, they will keep better than in a moist cellar.

Pruning of shade and fruit trees may be done this month. Paint all wounds, to prevent drying out. Do not prune when there is frost in the wood.

wood.

Remove and burn before next spring, all trees infected with the borer. Do not leave any dead trees in the yard or grounds, as they are only insect and disease-breeding quarters.

Prepare to get better results with fruits, flowers and vegetables next season, by noting the mistakes of this year, and a study of some of the good horticultural literature easily obtained.

Celery for winter use may be put in the cellar as soon as free ing wea-ther begins. Pack it the ther begins. Pack it htly in loxes; cover the roots with earth or sand. A cool, dark cellar is the best place to store celery.

Prepare the ground set a frame

set a frame Fill the Prepare the ground set a frame for next season's before the frame with straw over, and cover with boards. This will prevent the soil freezing as deep as it otherwise would. Better have plenty of soil prepared and protected, to use in the horbed when needed.

Why Fertilize Apple Trees?

Is it necessary to fertilize an apple orchard? For 15 years U. P. Hedrick, of the New York Experiment Station at Geneva, has been carrying on experiments to determine whether on experiments to determine wheelers of not apple trees need fertilisers other than those in the soil. The following are his conclusions as published in a recent bulletin: "The fertilizers have had no sensible effects upon the yield of fruit in this aversiment."

in this experiment.

"The size of the apples is possibly increased by the fertilizers since the percentage of culls and seconds is a trifle higher in the check plats.

"The several current generalizaapples find no verification in this experiment.

QUALITY THE SAME

"All the trees in the several plats have borne crops very uniform in maturity, keeping-quality, texture flavor of apples

"The foliage in the plats receiving nitrogen was greener than in other plats during the last season, the first difference to be certainly counted as an effect of a fertilizer.

"There was also a measurable effect of the nitrogen in the weight of the

leaves.

"There is slight evidence that the trees on plate to which nitrogen is applied are making a greater annual growth of branches.

POTASH FOR 713 YEAR

"An analysis of the soil before the experiment was begun shows that at that time there was, in the upper foot of soil, enough nitrogen per acre to last mature apple trees 183 years, of phosphoric acid, 205 years, of potash, 713 years. From this well-mich inexhaustible storehouse, till-"An analysis of the soil before the of phosphoric acid, 295 years, of steady Job. Wrotash, 713 years. From this well-nigh inexhaustible storehouse, till-tion Department age, cover-crops and good care have Peterbore, Ont.

HORTICULTURE made available all the plant foo-these trees needed.

"A fruit-grower may assume that his trees do not need fertilizers in they are vigorous and making a fair amount of new wood. If the tree amount of new wood. If the tree are not vigorous the drainage, tillag and sanitary condition of the orchard should be looked to first and the fer-tilization afterward if then found necessary. Lastly, before using fertilizers the fruit-grower should obtain positive evidence by experimentation

positive evidence by experimentation as to whether an orchard noeds fer-tilizers, and what ones." A distinction must be drawn between fertilizing apples and fertilizing grass and apples. In Mr. Hedrick's experiments no crop was taken from the land but apples. Intensive cultivation and cover crops were used.

The First Season a Success

L. H. Carey, Wentworth Co., Ont. The Wentworth Fruit Growers' Association organized by my brother last winter and early spring has up to date been a complete success. We started with 35 members, five joining circular than the success. since the organization. No names were accepted during the summer. Every member so far is perfectly satisfied.

satisfied.

The entire crop has not yet been harvested, but we will probably have 5,000 barrels; about 35 per cent Spies and 70 per cent No. 1. The average price received for our fruit, including the late falls, is \$3.10 paid by E. D. Smith, of Winona. This price was very good for the first year of our organization. At the time of selling promising stock, and it has not fallen short during the harvest.

A large number of orchardists have

A large number of orchardists have assured us of their intention to join in the spring, and the members will probably be doubled the first year. The outstanding benefit of the association is the fact that the entire can be sold and guaranteed.

ciation is the fact that the entire deal can be sold and guaranteed sprayed whereas formerly the farmers who cared for their orchards had to sell to buyers who bought unaprayed fruit and not being able to guarantee sprayed fruit to the customera in the West could not pay better prices to one man than another. All our fruit being guaranteed sprayed, we have more buyers and get a good price.

Those having unsprayed orchards have been practically unable to sell, and have shaken their apples down and taken them to the evaporator.

The Small Farm Orchard

If he was speaking of the general farmer outside the great fruit belts. State Entomologist Douglass, of indi-ana, is right in saying that "if the farmers tried to grow own in the same slip-shed way that they grow apples, they would go bankrupt." The necessity for spraying that has declared to the same statement of the same slip-shed way that they are the same statement of the same statement o

The necessity for spraying that has developed by the increasing number of insect pests and fungous diseases, is driving the careless farmer who neglects to spray his orchards, entirely out of the field as a fruit producer. The neglected orchard means early and complete ruin. It is either

spray or quit.

The farmer who plants a small or-The farmer who plants a small or-chard for his own family require-ments must give just as thorough care to it as the fruit farmer does of his commercial orchard, or his money and time will be worse than wasted.

Would you hustle if pald well? We want a representative,—a real live one,—for the winter in your district to call on farmers. We will pay you well for work in spare time, or a steady job. Write to-day for the proposition we have for you.—Circulation Department, Farm and Dairy, Peterbore, Old.

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