

## Mating Time Is Here

Now's the time to put your hens and roosters in the pink of condition with Poultry Pan-a-ce-a.

If you want chicks that will live and develop rapidly—if you want early broilers—if you want pullets that will develop into early winter layers, then feed the parent stock Dr. Hess Poultry Pan-a-ce-a.

Remember, it's the singing, scratching, industrious hen that lays the healthy, fertile eggs that will hatch into strong, livable chicks.



**Makes Poultry Healthy—Makes Hens Lay**

Here are a few of the valuable ingredients in Pan-a-ce-a to meet the requirements of your poultry which I have just stated: *Nux Vomica*, a nerve tonic; *Carbonate of Lime*, a shell former; *Hyposulphite of Soda*, an internal antiseptic; *Quassia*, an appetizer; *Iron*, to enrich the blood, and other valuable ingredients, all well known and recommended by the highest medical and veterinary authorities.

There's a dealer in your town that will supply you with Dr. Hess Poultry Pan-a-ce-a and it's to make your poultry healthy—it's to make your hens lay—it's to make your chicks grow—if it doesn't do these things, he will return every cent you have paid him. Packages 35c, 85c and \$1.75. 25-lb. pail, \$3.50.

**DR. HESS STOCK TONIC**

A Worm Expeller

A Conditioner for Spring Work

**DR. HESS & CLARK**

Ashland, Ohio



## Dr. Hess Instant Louse Killer Kills Lice

**Steel Wheels** Made to Fit Your Old or New Wagon



Now is the time to place your order for a set of "COOKE" Steel Wheels! They are giving universal satisfaction in every province in the Dominion. The cost is small, and as a labor saver they are unexcelled. A set of our wheels will make a new wagon out of your old one. Write to-day for illustrated circular and price list, together with free chart, showing how to take measurements correctly, and testimonials from satisfied customers in all parts of Canada. Remember we quote price delivered to your nearest station, no matter where you live! The Cooke Metal Wheel Company, 19 West St., Orillia, Ontario

**Guaranteed Genuine Everlasting Grimm Alfalfa**

Most economical and profitable to sow as it produces plants which do not winterkill like other varieties; larger yield, higher feeding value. Booklet, "How I Discovered The Grimm Alfalfa", with testimonials and seed sample free.

A. B. LYMAN, Grimm Alfalfa Introducer  
Alfalfadale Farm, Excelsior, Minn.

## WHY

**ARE HEREFORDS THE BEST BEEF CATTLE ?**

Watch next issue of this paper, or if you cannot wait, write:

**CANADIAN HEREFORD BREEDERS' ASSOCIATION,**  
Ancaster, Ontario

H. D. Smith, Secretary.

## Sundrum Clydesdales

Several choice imported and Canadian-bred mares, safe in foal. Also several prize-winning fillies and stallions, and a few show geldings, 2 and 3 years of age.

W. A. McNIVEN,

R. R. No. 4, HAMILTON, ONTARIO

## Questions and Answers. Miscellaneous.

### Bridge Grafting.

My young orchard is badly girdled by mice. Is there anything that can be done to save the trees? They are just commencing to bear. B. M. F.

Ans.—Yes, there is a possibility of saving the trees by bridge grafting. The scions are cut wedge-shaped at both ends and by use of a sharp, narrow chisel an insertion is made in the live bark above and below the girdled portion. The ends of the scion are inserted under the bark and both unions are then waxed over. Care must be taken that the layers of bark on the scion come in contact with a similar layer on the trunk of the tree, in order that sap may be carried over the girdled portion. We have seen trees which were badly girdled saved in this way.

### Potato Planter—Poison for Bugs.

1. Would you advise a man to purchase a potato planter where only one acre of potatoes is grown? Would it enable him to cultivate his ground better than if he plowed his potatoes in?

2. What are the qualities of the Hereford breed of cattle? Are they better than other breeds for beef, milk and butter?

3. When a cow loses her front teeth will she get new ones if she is properly looked after?

4. Is there anything better than Paris green as a potato bug destroyer?

T. K.

Ans.—1. When using a potato planter the land must be in proper tilth before the potatoes are planted. This implement is used extensively in districts where a large acreage of potatoes is grown, and is used in districts where only an acre or two are planted to the farm, but in the latter case one man usually has a planter and rents his machine to his neighbors. It would take a long time to get the money out of the machine if it were used for one acre only.

2. The Hereford breed of cattle is popular in many districts. They are a beef breed, are excellent grazers, and give good results when stable fed. They are not particularly noted for milk and butter production.

3. Once a cow loses her teeth she does not get another set.

4. Paris green is the poison commonly used for destroying potato bugs. However, there are a number of commercial preparations on the market which prove satisfactory. Arsenate of lead is a poison which is being used more and more each year.

### Pruning—Grafting—Names of Early Strawberries.

1. There is a pasture farm here through which the river runs. It is part sandy loam. Cattle pasturing on it do not seem to thrive very well. Is it because the soil is cold?

2. I have some grafting to do this spring. Kindly name the quantity of beeswax, tallow and resin to make two pounds of grafting wax.

3. When is the best time to prune fruit trees, now or later on?

4. Kindly give me the names of some early strawberries. T. S. M.

Ans.—1. As a general thing river bottoms make good grazing land, and it is difficult to state why this case is an exception. A sandy loam soil might dry out considerably during a dry season; otherwise it should grow good grass. Possibly it would benefit by draining, and again, lime might be used on it to advantage.

2. Grafting wax can be made of the following proportions: Tallow, one part; beeswax, two parts; resin, four parts. Any quantity can be made as long as these proportions are used.

3. Winter is no better than spring for pruning fruit trees, that is, from the viewpoint of the trees; but as labor is scarce and there will be so much to do in the spring it is being recommended now to do all possible pruning before the season opens up.

4. Michael's Early is one of the best early strawberries. It has a perfect flower. Bedwood is another early variety which also has a perfect flower. Glen Mary ripens in mid-season. It has a perfect flower and is quite popular on account of its productiveness.

## Potato S

During the of potato-sprayed at Cha Station, P. E. growers attention and late in August visited the St. examined the demonstrated in many parts season and the not sprayed quite a bad a present. Four to each plot. were left at field for purpose before potato pick out the disease-infected power machine 80 gallons of the acre, at a cost The plot yielded of marketable more marketable corresponding giving a net gain spraying of \$3 row hand machine spraying down through from the of Bordeaux application per at the rate of 1 potatoes, which salable potatoes check plot. That it paid to control of late blight.

## Vitality of

From the large number of grown in Ontario to conclude that part of the total that season is were handled possible during season are, in low germination the result of the experienced in important that the germinative fore sowing there a very serious seedlings.

Supt. H.

## The Petrolia

On Wednesday County Pure-bred will hold its second at Petrolia. The tributed by the County and included Holstein and Clydesdale mares stallion are also it is determined to enterprise and treatment.

A number of pure two-year-old heifer calves a March 15, by We Ont. The stock breeding, whose worthy sires as F 45220, and Roan an opportunity to ing females to a serve as foundation purchased from B. who has disposed the females ment bull calves ready and also the herd two-year-old. Th in the village of March 15, at O Write Gus Weil, giving a description of each animal. March 15, and the