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# Notes on Feeding Poultry

J. W. Clark, Brant Co., Ont.

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In our fresh air house, we always feed the hens after they have gone to roost for the night. The feed is scattered in a litter and the hens have scattered in a litter and the hens have an opportunity as soon as they are off the roosts in the morning to scratch for their food and get their blood in airenlation.

We practice hopper feeding with dry mashes exclusively. The basis of our dry mash is crushed oats. Crushed oats are preferred to whole oats. Ro'l-ed oats, if fed in any quantity, will cause indigestion. For green feed, ed oats, if red in any quantity, will cause indigestion. For green feed, we give clover leaves or mangels; buttermik to drink. Whole corn and wheat is fed in the litter. On very cold nights, it will pay to warm the corn for the night feed to get the frost out of it. Where hens are fee in this way, I will guarantee tha they will lay and lay well all winter. Where hens are fed that

VICE RESULT OF BAD PEEDING The habit which hens acquire of The habit which hens acquire of eating their own eggs is generally due to lack of animal food. Feather eating is often due to the same cause. Buttermilk takes the place of animal food and is preferable to sweet milk

food and is preferable to sweet milk for all but very young chickens. The grit which hens take as food takes the place of teeth in humans. Without it indigestion is inevitable. Crushed oyster shell makes first class grit.

# Peterboro Poultry Show

With 70 exhibitors showing over ,000 birds, the Peterboro Poultry show held last week in the Market iall, Peterboro, was the most suc-Hall, Peterboro, was the most suc-cessful in the history of the show. Mr. John Bennett, Toronto, who has al-ways placed the awards at this show, said that the quality of the entries had much improved this year.

had much improved this year.
Utility breeds were most in evidence. White Wyandottes were the largest class, with White Rocks in second place. In the Mediterranean breeds Buff and Brown Leghorns were numerous, there being four times as many entries as two years ago.

## Dairy Herds Competition

The winners in the dairy herds competition conducted last year by the Western Ontario Dairymen's Association were announced last week at the annual convention of the association.

The winners were as follows among the patrons of cheese factories: 1, Peter Arbogast & Sons, Sebringville, the parons of oncess indorres: i., Peter Arbogas & Sons, Sebringwise: i., Peter Arbogas & Sons, Sebringwise: i. farm. 10 Holstein and Shorthorn grades, 79,720 bs. of milk, 7,972 lbs. of milk a cow, 407 lbs. of milk produced per acer; 2, Sepmour Cuthbert, Sweaburg Factory, 75 acres in farm, 14 Holstein grades, 106,727 lbs. of milk, 7,622 lbs. of milk a cow, 1,423 lbs. of milk per acre; 3, Fred Bodkin, London, White Oak Factory, 100 acres in Care in Ca

acre.
Section 2: 1, W. G. Pearson, Holbrook, New Lawson Factory, 100 acres in farm, 17 Holstein and Holstein grade cows, 123,695 bbs. of milk, 7,276 lbs. of milk a cow, 1,236 lbs. of milk

bls. of milk a cow, 1,236 bs. of milk per sere.

CREMMENY PATSONS
Section I. 1, R. M. Bowie, Beachvills Creamery, 50 acres in farm, 8 Holstein grade cows, 2,10 lls. of butter fat, 262 bs. of butter fat a cow, 42 lbs. of butter fat produced per acre. 2: A. W. Vansickie, Onondaga, Brant Creamery, 230 acres in

POULTRY YARD at a cow, 10 lbs. of butter fat per journished to the dairy farmer to the none

SWEEPSTAKES MEDALS

Peter Arbogast & Sons, Sebring-ville; R. M. Bowie, Beachville. The winners in both classes again raised the standard for the amount of milk and Lutter fat per cow over previous

The annual meeting of The Canadian Shire Horse Association will be held on Friday, Feb. 2nd, at 10 a.m., tion," and in Room F., King Edward Hotel, Toronto. Members from east of Port Referendum

agent

The next annual meeting of the Dominion Grange will be held in Victoria Hall. Torento, Jan. 24 and 25. In addition to routine business, plans will be discussed for pushing the work of the Grange, and addresses on economic subjects will be arranged for Mr. Geo. Keen, Brantford, has agreed to lead the discussion on "Cooperation of the Cooperation of the C

### WESTERN ONTARIO DAIRYMEN HAVE SUCCESSEUL CONVENTION

### Dairy Production Increasing. Creameries Have Record Year. Dairy Commissioner Ruddick Looks for a Continuance of High Prices for Dairy Produce

of Ottawa at the 45th annual convenmen's Association held in Ingersoll,

That the dairy industry in western Ontario is in a thiving condition was made manifest by the reports read and addresses given at the convention. Convention week is one of the most important periods of the year to the dairymen in the western district represented by the association. Last week the period of the That the dairy industry in western for hours and prevented some of the for hours and prevented some of the leading speakers from being present, the attendance was large, almost as large as usual, and the addresses and discussions instructive and helpful.

THE BIG TROPHY
As usual, the exhibit of cheese and As usual, the exhibit of cheese and butter proved one of the most inter-exting features. While the number of exhibits was not quite as large as usual, due in part to the prevailing high prices, the quality and finish of both classes of exhibits were high class. This is shown by the fact that every prize winner but one scored 97 points or over out of a hundred. Chief ! points or over out of a hundred. Chief interest, as always, centered in the winning of the handsome cheese burst rers' trophy, valued at \$150. This year the honor fell to D. Menzies of other awards. This cup must be won three times or twice in succession be-fore it becomes the property of the party winning it. This is the first pear Mr. Menzies has won the cup. It was first offered for competition in

THE DAIRY PARMS CONTEST

Considerable interest was around Considerable interest was aroused by the presentation to Mr. Isaac Hol-land of Brownsville of, a handsome silver tea service as the second prize for western Ontario, in Farm and Dairy's prize farms competition held pairy's prize farms conspection means year. The presentation was made by Mr. E. T. Henderson, president of the Canadian Salt Co., Windsor, who during the past three years has given \$400 to assist the committee of management in the conduct of the competition. Mr. Henderson praised Farm and Dairy for the good work it is doing and incidentally suggested that the farmers and manufacturers of Constitutions. Canada should work together to make this the greatest country the world has ever seen. He congratulated Mr. Holland highly on his success. Mr. Holland, in his reply, spoke of the benefit he had derived from the competition and was pleased that he had brought the honor to Oxford county

WHILE the prices of dairy products have been high, they are likely to remain so, was the J. N. Paget, Camboro; Simcoe group, portrant prediction made last week located and the summission of the western Ontario Dairy. Jon of the Western Ontario Dairy. Jon's Association held in Ingersoll, the summission of the western Ontario Dairy. Jon's Association held in Ingersoll, the summission of the Western Ontario Dairy. Jon's Association held in Ingersoll, the summission of the Western Ontario Dairy. Jon's Association held in Ingersoll, the summission of the Western Ontario Dairy. Jon's Price of the State of the State

ler; representatives to Western Fair, Frank Herns and John Brodie, Ma-pleton; representative to Canadian National Exhibition, Toronto, Frank Herns and R. Johnston, Woodstock.

PRESIDENT'S ADDRESS

PRESIDENT'S ADDRESS

President Wm. Waddell of Kerwood abowed that while there had been considered to be the prices easy in the season and you prices easy in the season and you prices and the prices real riced established means on which the industry is now established. The total exports for the year will equal, if they do not exceed, those of 1910. While there has been a decrease in manufacture or about 68,000 boxes of cluess- there has been an increase of 170,000 boxes of butter. The exports cheese there has been an increase of 170,00°) boxes of butter. The exports of cream to the United States were only about one-half of what they were in 1910, owing largely to lower prices in the markets on the other side and higher prices in Britain. Canada's home consumption of dairy produce continued to increase. The increase continued to increase. The increase cannot be less than \$2,000,000 in value every year, including milk and all its products. The total home trade cannot be far from \$80,000,000 a

one for the dary farmers.

DIRECTORS' REPORT

In the report of the directors regret was expressed that while prices for cheese and butter had been high, the cheesemakers did not share in the the cheesemakers did not share in the resultant benefit because of the de-creased output of many factories on account of the dry season. The mem-bership of the association last year was 315. Continuing, the report said: "It is just possible that undue com-petition between factories is not hav-

ing a good influence on the industry as a whole. Might it not be possible for the manufacturers in certain dis-tricts to meet and decide on respective territory, thus dispensing with different factories hanling the milk

"A special officer was again employed to deal with cases of deterioraployed to deal with cases of deteriora-tion or watering of milk. Your di-rectors respectfully recommend the incoming board of directors to con-tinue this system. The association is debt for this work for last year \$59.70.

"In some localities cheese factory "In some localities cheese factory and creamery managers notice a ten-dency during the factory season of a few producers to ship milk and cream (Concluded on page 15)

Write for my prices before selling Ernest Howell, St. George, Ont.

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FARM AND DAIRY

Peterboro, Ont.