

News And Views Of And For The Farmers



HON. J. S. DUFF'S REPORT

Snatches of Facts Entailed in the Annual Report of the Ontario Department of Agriculture.

Farmers' Clubs in Ontario now total over 300.

Ontario's Horticultural Societies have 14,000 members enrolled. The attendance at Farmers' and Women's Institute meetings last year

totalled 361,237. Methods of holding Celery Blight in check have been demonstrated operation in Ontario in 1914, with in the Feeding Hogs for Profit Comby the Department.

ing a live stock census in the coun- about 23,000,000 pounds of butter. If of the twenty winners was \$6.40, ties in which they are located.

best for silage purposes. for the first time, and means have College, been adopted to keep it under con-

The Department last year publish-

talling 55, were held in the province to October. last year for the better instruction of beekeepers.

appearing.

tendance last year of 334.

work last year were Demonstration- towns and villages. Lecture Courses in "Sewing" and "Food Values and Cooking."

about 8,400 certificates and the Board examined 1,076 candidates. In addition to the Winter Fairs at Ottawa and Guelph, the Department Dairy Shorthorn herd at the Ontario for Public School Teachers, Summer gave financial assistance to 25 Horse Agricultural College gave 11,000 School Course for High School Sci-Shows and 44 Poultry Shows.

help placed through the Ontario De- 8,600 pounds during their period. partment of Agriculture have been placed on yearly engagements.

Thirty-three dairy instructors were employed by the Department, and Agricultural College is one of the fin. pears, cherries, currants and goose-232 district dairy meetings were est of its kind on the continent. The berries. held, with a total attendance of 12,- large dining-room is equipped to

farmers' sons, and held in various space. sections of the country, were conducted last year by District Repre- work of making surveys and holding

Associations are being organized in surveys were made, covering 13,386 Ontario wherever young men have acres, and 1,673 miles of drain were taken short or other courses in agri- laid.

have been practically eliminated in land. In 1914 there were 148 fairs Ontario, and measures have been held in 37 counties, including the adopted for the control of the Cherry children of 1,391 schools. Fruit Fly.

Alfalfa is being grown in various tendance of 95,310. parts of the province under the direction of the Department, in order ally by the Department to demon- Beel, local carcases, to supply farmers with seed suited to strate the value of proper cultivathis climate.

868.83, and of this \$100,000 was ex. and elsewhere. pended on the work of District Rep-

of the district. Large quantities of vegetables are

year, and the Department is encour- College are sold periodically by aucaging vegetable growers to raise tion. At the 1914 sale prices as Bloaters, doz. more vegetables under glass.

raised on one acre by a Middlesex | 000. competitor at a cost of \$32.62, and with a net profit of \$167.18.

coming highest last year in the acre- requires the compulsory inspection of profit competition for potatoes total- stallions. This law provides that no led \$124.06, and that of the lowest grade stallion shall be allowed to five was \$18.49

It is the aim of the Department to In factories and mercantile estabhave pupils look upon the Rural dishments, with 229,480 employees, School Fair as a children's organiza- and inspected under the direction of tion, and separate from the township the Department last year, only in 94 or county agricultural fairs.

in Ontario is increasing, owing to the cases the law was promptly enforced. facilities placed at the farmer's dis- | Despite the unsettled condition White fish. lb. ...

posal to secure a supply from the following the outbreak of the war, Hydro-Electric Commission.

Vegetable growers in Ontario are cultural College in 1914 totalled 1,-

many and Holland, have been cut off. | numbered 449. There were 992 thery factories in 38,092 patrons; 131 creameries with petition, and in the twenty compe-District Representatives are tak- 36,634 patrons, and a total output of titions last year the average net pro-

Legume bacteria onit ares totalling while the average of the first five of the alfalfa. Varieties of corn are being tested 3,467, each culture sufficient to the winners was \$10.10 per hog, and by the Department to ascertain the oculate one bushel of seed, were dis- that of the lowest five \$4.55. tributed by the Bacteriological De-Onion Smut is reported in Ontario partment of the Ontario Agriceltural last year were reported from

from Europe, but notwithstanding occurred in 1896, At that time Brant Eighty-five short courses in stock this the Colonization and Immigra- county escaped, while in 1914 the variety they are planning. Late varieand seed judging were held last year | tion Branch of the Department han outbreak apparently began there, under the direction of the Depart- died 5,018 farm laborers and domes- and this county was the chief suffer- they will not mature one year in five tics last year.

In the dairy herd competition, coned 290,000 bulletins and 261,000 an ducted by the Dairymen's Association being shown under the auspices of sweet ensilage. Some ordinary feed dry time has been discovered by a ten find themselves ten miles from sickly shepherd. One of the oldest nual reports, in addition to 35,000 of Western Ontario in 1914, the first the Ontario Agricultural College by corn imported from the Central and Kansas farmer, who had an abund- human habitation, right on the ex- occupations in the world, it has ne-

a weed, is attaining considerable first reports show an average in-Foul Brood among Bees, while popularity in some sections of the crease per acre of \$14.12 on drained held in check by the niethods of the prevince as fodder, and is now being land. Department, does not seem to be dis. investigated at the Ontario Agricultural College.

The Ontario Veterinary College, Factory inspections last year un- steam power, is shown by the Facwhich is under the Provincial De- der the direction of the Department tory Inspection Branch of the Department of Agriculture, had an at- numbered 10,059, an increase of 3,- partment in a statement of the horse-000 over the preceding year, and the power employed in provincial indus-Two features of Women's Institute | territory covered includes 410 cities, | tries as follows: Steam, 386,767 h.p.:

The Women's Institutes of the pro- h.p.; gas or gasolene, 7,042 h.p. vince raised over \$40,000 last year | For promoting the study of agri-Last year the Stationary Engineers' towards the Hospital Ship, Red Cross | culture in the public schools the fol-Branch of the Department issued and Belgian Relief Funds, and do- lowing were features of work at the nated large quantities of hospital Ontario Agricultural College: Norsupplies and clothing.

The best cow of the imported Agriculutre, Summer School Course pounds of milk during her period of ence Teachers, and the first Rural Seventy-five per cent. of the farm | lactation, while four cows averaged | Teachers' Conference in Ontario. Experiments at the Ontario Agri- Experimental Fruit Farm at Vine-

cultural College continue to show land include one to determine the At the Macdonald Institute at that the variety of oats known as value of plum roots for the peach Guelph the attendance continues to O. A. C. No. 72 is still at the front in under certain conditions; another in be limited by the accommodation. all tests, and is being more generally pruning, in which 200 Spy trees are The attendance last year totalled grown by the farmers of the pro- being used; one to determine

The new dining hall at the Ontario test varieties of strawberries, plums, seat 500, and is without pillar or Thirty Courses in Agriculture for post to obstruct the view or take up

The Department continues the demonstrations in ditching and tile-"Junior Farmers' Improvement laying free of charge. Last year 250

Rural school fairs are helping to Yellows and Little Peach disease interest the youth of Ontario in the were 75,602 entries and a total at-

Several orchards are rented annution, pruning and spraying. Demon- Beef, hinds, ib. .. Ontario's share of the Federal strations in packing apples, particu- Beef, cuts, Ib grant in aid of agriculture was \$230,- larly in boxes, are given at fall fairs | Beef, western, by

A Co-operation and Markets Hogs, live, cwt. . . At the Demonstration Farm at Department in order to assist the ag- Lamb, spring, by Monteith many settlers purchased riculturist in solving marketing probtheir seed last year, and the farm is lems to deal in an educational way Mutton, 1b. also serving to improve the live stock | with such matters as the name of the | Veal, by carcase, lb. branch would embrace.

Pure bred surplus stock of the imported into the province every herds at the Ontario Agricultural high as 13 cents per pound was paid Cod, steak, lb. ... In the acre-profit competition last for steers on the hoof, and the proyear 501 bushels of potatoes were creds of the entire sale exceeded \$4,-

To clear Ontario of "scrubs" and Halibut, fresh, lb. undesirable sires, the Department is Herring, fresh salt The average net profit of the five proceeding to enforce the law which water, doz. ... stand or travel after August, 1918.

cases were employees found to be un-The use of electricity on the farm | der 14 years of age, and in these | Suckers, Ib. Nurse Crops For Alfalfa.

Especially on fields which have grown alfalfa successfully seeding with a nurse crop gives good results. Fall plow if the land is not too hilly and washing is apt to occur. spring plowed the soil should rolled after seeding so as to make compact seed bed which is very essential for the alfalfa. A light harrowing after rolling is necessary to form a loose mulch which prevents the attendance at the Ontario Agri- rapid drying and evaporation. light seeding of not over one hushel warned of the necessity of develop- 551. Ontario students totalled 466, of barley or oats per acre is highly ing a home seed supply, since the and those from other provinces 74. important. Heavy seedings of the former sources of supply, chiefly Ger. Ontario students the previous year nurse crop are very dangerous and usually crowd the alfalfa so as stunt its development, and a stand results. If barley is used as a nurse crop it may be cut for grain. Oats ripen later and must be cul for hay so as not to check the growth

Farmers' sons take great interest

The ravages of the army worm

counties or districts and 234 town-

The increase in the use of elec-

tricity, which is rapidly overtaking

electric, 273,357 hp.; water, 58,896

Expriments being carried on at the

value of dynamited holes; others to

Few Rats gone.

Husband-What! All of it?

have eaten all my angel cake;

ike crying.

over a few rats.

lb. 11

by carcase 700

carcase, lb. ...

Haddock, fresh, lb.

Haddock, frozen, lb

Pickerel, lb.

Pike, lb.

Rock-fish, lb.

Young Wife .- Oh, John, the rats

Young Wife-Every piece. I feel

Husband-Oh, pshaw! Don't cry

Kingston, July 17.

Varieties Of Corn To Grow.

Seed Branch shows that about sixtyso-called varieties of corn are grown The war has stopped immigration ships. The last serious outbreak for ensilage in Ontario and Quebec and many farmers do not know what to the glazing of the grain, which is

ties of corn are arranged in order of cobs. their maturity: Quebec Yellow, Grow, Early White Cap, Wisconon a cold clayey one. The proper maturity is essential to high quality ensilage, and this should be aimed at even although an increased acreage is needed to give the desired quantimal Teachers' Class in Elementary ty.

lings, Colorado.

An investigation conducted by the The benefits of tile drainage are the necessary conditions to make The secret of raising melons in a Sheep herders in the Southwest of I never saw or heard of a weak or prize herd produced 7,923 pounds means of demonstration plots show. Southern States is used for seed, ant crop last year, while the fields pansive bosom of an undulating wil- ver lacked strong, sturdy, fearless Local apiary demonstrations, to- per cow for the six months from May ing the results from drained and un- Most of this is of a late variety en- of his neighbers were dried up with derness, in company with only Meri- men, who face the wind and storm drained land. Prior to 1914 eight tirely unsuited to Canadian condi- drouth. The previous fall he dug nos. When they contemplate the and cold, the dangers of robbers by

quite dry.

Wild Parsnips.

poisons. This fact has led to a quite the federal Department of Agricul, herder much comfort. general belief that when the garden ture. Millions of insects have invadgoes to seed in the garden plot, that ed the Wilson creek valley and trenis, becomes "wild", it is poisonous. ches three miles long have been

Investigators have failed to find plowed on the 6,000 acre farm of one It Should Be On Firm Foundation any toxic substance in the wild pars- rancher, who has established a patnip and experiments conducted to de- rol of six men to destroy the insects. The Farm and Home. termine the physiological effect on Gov. Lister has been asked for \$10,cat, dog and man show that no ill-ef- | 000 to aid in the fight on the pest. fects have ever resulted from its use as a food.

It is not advisable to use wild parsnips, other than from the garden plot, unless one is sure of the dismembers of the same family (Umbel- nin' t' feel th' loss iv vodka. liferae), such as water hemlock.

The Prices Paid For Produce On Kingston Market

Poultry.

Dairy Products.

Chickens, dressed

Chickens, live, lb.

Hens, dressed, lb.

Butter. creamery

Butter, prints, lb..

Butter, rolls lb ..

Cheese, old, lb. ..

Cheese, new, lb. ..

Bananas, doz.

Cherries, basket .

Cucumbers, each .

Figs, 1b.

Lemons, Messina.

doz.

Peaches, doz.

Plums, doz.

Nuts mixed, lb. ..

Oranges, doz.

Strawberries, per

Tomatoes, lb.

Raspberries

Beets, bush.\$..

Eggs, fresh, doz. . 20

Ducks, lb.

Turkeys, lb.

Hens, live, lb. ...

QUALITY OF FARM PRODUCTS

By way of supplementing the Pat- | luable advice is given by him regard- | tention be given to raising seed for

farm products of the Province.

the raising of each of the regular in such experiments. field crops and of other important crops (chiefly for fodder) not to best combinations for mixed now well known to many of our farm- grains, and the treatment of seed

These tests were conducted at the is also given to discussing alfalfa as Ontario Agricultural Farm, Guelph, a pasture and fodder crop, and to the under the direction of the author, making of both annual and permanthe well-known cerealist and general ent pastures. experimenter in agronomics, and va- Prof. Zavitz urges that special at-

SURE CROP OF MELONS

ers Nearly Fall.

Crickets Destroy Wheat.

Bound To Come Back.

Fogarty (a moderate drinker)-

long-Puck.

Celery, bunch ...

Lettuce, bunch,doz.

bunches, doz. .

Potatoes, bush. ..

Rhubarb, bunch ..

Turnips, bag

Barley, bush.\$

bush.

Corn, cracked cwt.

Corn, meal, cwt. . .

Oats, local bush. .

Oats, Man., bush..

Straw, baled, ton . .

Straw, loose, ton .

Wheat, bush,

Flour, cwt. 3 65

Hay, baled, ton

Hay, loose 17 00

Beef hides, cured, per lb.

Beef, hides, green, lb.

Heavy bulls, lb.

Veals, green, lb.

Deacons, each

Tallow rendered in cakes

Kips or grassers, lb.

Calf skins, per lb.

Lamb and shearling, each ...

Buckwheat, bush. .

Corn, yellow feed.

Grain.

19 00

Parsnips, bush. . . .

Onions, green,

riotism and Production movement, ing the possible increase of farm pro- field roots in Ontario, as most of such the Ontario Department of Agricul- duce, the rotation of crops, etc. The seed up to the present time has been ture has issued Bulletin 228, "Farm influence of seed selection and of imported from European countries Crops.". prepared by Prof. C. A. hybridization in relation to the im- now at war. provement of both quality and the The writer of this bulletin gives The reading of this bulletin should production of field crops, sometimes four very practical rules for producassist in a material improvement in resulting in new popular varieties, is ing satisfactory field crops: the quality as well as the quantity of stated in a most clear and interesting manner and is full of encouragement It deals with experiments made in for those who would like to engage

grain for smut. Considerable space

Valuable information is offered as

ties are being used in districts where Kansas Farmer Prospers While Oth- Sheep Herders Often Feel As If They They Are Fearless Men Who Face the Were Marooned. New York Telegram.

Sweet clover, so long regarded as of these had been started, and the tions, and is often injured by heat- holes as large as a barrell in the field meagerness of their seven-foot tent, night and the ravages of wild beasts at the right distance for the melons, with its contents of one miniature at all seasons of the year. I have . The following recommended varie- and filled them nearly full of corn cook stove, one child's sleeping cot watched a shepherd guarding his They were left open through the stores as a set-off to the grand howl- sheepskin coat, never lying down, Longfellow, Sandford, or North Da- winter, and in the spring he shovel- ing lonesomeness of that skyline but leaning on the heavy staff he ed back a foot of good soil and plant- framed picture, they must needs be carried in his hand. He did not ed the melon seeds. The vines of the stoic school at least.

our notrthern districts, later matur- dantly. Frequent examination expresses their feelings or the situa- and give a peculiar reassuring call to ing, heavy-yielding varieties may be showed that the bed of corn cobs al- tion as they look about them and see the flock under his care and his planted on a warm, sandy soil than ways contained plenty of moisture, the white top of the prairie schooner faithful dog at his feet. even when the surrounding soil was which has conveyed their modest No animal could possibly be more camping outfit to the spot rapidly helpless than a sheep. The shepsinking hull down on the distant ho- herd leadeth, restoreth, guideth the

Six hundred acres of wheat have a socially inclined, gregarious ani- have trained dogs, goats, horses, but been destroyed by crickets in the mal, and even the sight of his woolly no one ever saw a sheep perform the Wilson creek country of Grant coun- companions, alive and numerous as simplest tricks. When attacked by Many plants closely related to the ty, Washington, according to a re- they are, scattered over about half a a dog or wild animal the sheep stands parsnip and often mistaken for wild port made by C. W. Creel, cereal and mile of the annimited leagues of chilled by fear while the fleece is parsnip are known to contain deadly forest insect expert connected with scenery, does not afford the sheep torn from his back and the bleeding

BUILDING A SILO.

filled. Build it round and make it of using the arsenate of lead, after tinction between it and poisonous I'll bet ye th' Rooshians are begin- smooth on the inside. If it is built the cherries are half grown or more, Flaherty (warmly)-Don't ye lose or two coats of a mixture of pure ce- portion of one ounce to three gallons cowbane, etc .- Roy G. Coffin, Colora- any slape over it. Mar-rk me wur- ment and water. Some people coat of water, or "Black Leaf 40" in the do Agricultural College, Fort Col- ruds, they'll retake it again before the inside of a wooden silo with coal proportion of one part to 900 parts

> To Pick Out The Good Layer. Freside," the national farm paper ripe. published at Spingfield, Ohio, apthe egg-laying strain is by the use of best method of selection is by the air-slacked lime or fine road dust. appearances of hens. Ont of the contributors to this practical and suggestive discussion tells as follows how to pick out a good egg-laying

point should be remembered.

"To indicate the worth of the stock from. above method the writer on this Since the use of oil cake meal, plan once selected 77 breeders from flaxseed and other feeds rich in pro-130 birds. The first 28 birds were tein and fat are becoming more popselected chiefly for color. The oth- ular, they are being used by dairyer 49 were selected chiefly for the men to substitute skim milk. 14c desire to work and move about, gen- The calves are gradually weaned 12c eral health and strength, moderate off the milk when less than a month 8e size and length of body.

Raise only such crops as are likely

Select good plump seed which has been tested for vitality.

Give the land early and thorough Sow all crops at the proper time

and according to right methods. This bulletin may be procured free of charge by applying to the Ontario Department of Agriculture. To

Wind and Storm.

and a limited selection of plain food flock at night, dressed in his heavy sleep, because at intervals of a minusin No. 7. In selecting varieties for grew vigorously and produced abun- Marooned! That word tersely te or less he would raise his head

rizon, on its return to headquarters. Thelpless, silly creatures, who can do After all, man is for the most part absolutely nothing for itself. Men flesh from his bones.

Cherry And Pear Tree Slug.

Whether or not the cherry trees bear a crop this year, they should be protected against the loss of foliage There is no special magic art from the attacks of the pear and about putting a silo up right. What- cherry tree slug. When the cherries ever kind you build, put it on a firm are very small, the trees may be foundation and put it up straight. If sprayed with arsenate of lead in the it is a type that may be blown over proportion of one pound of the paste brace it with guy wires until it is to each 30 gallons of water. Instead of masonry, paint the inside with one use either white hellebore in the protar. These measures prevent the of water, and make a thorough excessive loss of moisture by evapor- spraying for the purpose of covering ation. Silage that is too dry fire- the upper surfaces of the leaves. The fangs and spoils. Silage with big "Black Leaf 40" will kill the slugs air spaces in it will have decay for a with which is comes in contact, while foot or so surrounding those spaces. the hellebore will kill all slugs that To avoid the formation of air poc- eat it for several days after the apkets the inside of the silo must be plication is made. The advantage of using the hellebore or "Black Leaf 40" after the fruit is well grown is that they do not endanger the people In the current issue of "Farm and who eat the cherries after they are If one has only a few small cherry

pears a very interesting discussion of | trees, the slugs may be quite easily removed by thoroughly dusting the the trap-nest. Others claim that the foliage in the heat of the day with

Substituting Milk For Calves

Where the milk is sold directly off the farm, or even where the cream is "Practically all 200-egg hens are sold, it is a problem to raise the very long-bodied birds, and this calves. In too many cases there are not enough calves being raised and "Select the bird which has length in consequence the average dairy and depth of body, large red combs, cow in Ontario does not give nearly bright eye and erect carriage, which enough milk. If more calves were is first to the feeding trough and last raised there would, of course, be more cows to choose the breeding

old. Their drink is thickened with 12c "The 77 selected hens were separ oil-cake meal and given while warm. 90c ated from the others, and the first Clover hay is also cautiously fed. As 5c day outlaid the culls by 63 percent. the meal, when manifactured accord-8c They kept the speed up day after ing to the old process, contains about 15c day until the writer became satisfied 30 per cent. protein and 7 per cent. 25c that the selected birds were really fat, when it is fed with clover hay. Sheep skins, each, up to \$2.00 better layers, and that this method bran and chop, it makes a good sub-Horse hides, each, up to 3 50 was O. K."

No Epidemic of Disease

Has ever been traced to Pasteurized Milk. The only Pasteurized Milk in Kingston is





THE "BEST" TEACHER A Country View Of An Ambitious

Country School Mistress. The 'best' teacher we ever had in

our old district school had a distinctly bad influence in the community. factories. Born and raised in the country, she longed for the town with her whole soul. She despised the rural life.

She thought all the wisdom of the life were to be found in distant cities. steads. She did not openly deride and

She was full of enthusiasm, and tant places. she found it easy to inspire us with her own top-lifty ambitions. Most of the girls in the neighborhood wanted to be Jenny Linds and Florence Nightingales. All the boys wanted to be heroes-great soldiers,

and every school teacher should None of us, of course, wanted to know that. be great in his own neighborhood. There are more statesmen of real Each thought he had to get away worth and more genuine poets comfrom home in order to have a chance ing from the tall grass than from the

only see distant objects. The girls in the neighborhood, feeling the impulse toward "wider horizon," drifted away to the towns and cities. They escaped the "deadening monotony" of rural life by becoming

waitresses in hotels and workers in Some fared a little better, and some a great deal worse-but none of them became a Jenny Lind or a

Florence Nightingale. The boys, too, were full of the world was printed in books, and that grand unrest. They turned their all the worth-while opportunities of backs scornfully on the old home-

Tach was "the architect of his own mock our parents, of course, but we fortune", and teacher had taught knew without being told what her him to believe that all the building materials were to be found in dis-

> After they had failed as architects, many of them came humbly but gladly back to the old district, and succeeded as farmers. Now as never before in the world, opportunity is found on the farm,

tall buildings.

Teacher could not, in fact, see the Do not let teacher fill the minds of your children full of cheap romance The eyes of her soul were afflict- while she ignores all the beauty and ed with that disease which the ocul- dignity that should make rural life ists call hypermetrophia. She could so satisfying.

