TISTICS OF MINION

turns of the Doatistics, covering birth rate of the anada, excluding r thousand of the a had the highprovinces with The next highest ith 29.7 per cent. 25.3, and British owest with 20.3 of its population. ompiles its own luded, however, had to cade the province, as the e previous year d of population.

Canada in the per thousand of a decrease in gistered in every ing the average and in the preinswick had the 1921 with 13.9 British Columbia had the lowest. irles Provinces 4, whilst in Onwas 11.8 per probability that 1921 would be ge of the pred bring it some-

s Outstanding. note that the d lowest death are registered ces, where the of agriculture the closest apconditions still ming areas and ntres The Proso held the refor marriages d of population hilst the lowest Prince Edward ousand of popu-

interesting to I statistics with for other counie birth rate of a he discovered. country in the any part of any igures over the s, few countries proportion of per cent. is at of the United ars has ranged r thousand of countries which ter rate in any pain with 29.4 28.9. Strangetries which opn ligures are of England and ralla with 25.7 ith 25.1. The unitally greater Germany, and

Leads. alund, shows a Canada with 10 Non as against a's rate at the same as Cana-United States untries whose thes that of the frica with 11.1 tion and Engcities in the anada, a uni-

is found, excases the Doalgary with 86 ion, closely fol-Montreal with 2 in Regina, 30 difax, 29 in St. to in a list of lies of Europe rk, it is found ge birth rate is agow, Scotland, y all Canadian

ate anything, it ice is a healthy good country to ointed out that s and general re conducive to rong, vigorous d figures count, rnish the most



rl's intoxice:



POTATO INSPECTION AND

CERTIFICATION.

water, then spray or wash it with a went through a partial moult. The two inches apart. disinfectant. The next operation is pullets hatched in early February! The seed should be covered very to set the machine level. The ther- have, the following spring, produced lightly, and they should not be overmometer must be accurate, and to as- remarkably good eggs for hatching. watered, as that causes weak plants. sure accuracy it should be tested at Heavy breed pullets hatched in May Place the box near a window, preferleast once, or better, twice during the have produced the poorest hatching baly on the south side of the house, year. The temperature given is usu- eggs. ally one hundred and three degrees Eggs from birds out of condition, days so that plants will get equal am-Fahrenheit throughout the hatch, whether from feeding, housing, or ounts of sunlight from all sides. Our experience has been that it is management, produce eggs difficult to two degrees, and if the machine treeps vary, the cause of which at times is up to one hundred and three degrees difficult to locate. we have no cause for worry; but given a temperature of one hundred and three degrees, when the machine goes up to one hundred and four or above.

Hatching by the Natural Method. | the methods followed, in order that

are high temperatures.

hatch, the hen must be placed where with regard to this phase of agriculother hens are not likely to disturb tural activity and, if they desire to do deep, on the sunny side of a building. Charge on application to the Veterin- the days of Assyrian and Babylonian ful vineyards, olive groves, and lovely As he hopped about singing chick-aher; for, as a rule, we seldom get good so, make application for an inspecture of pit with old boards, held ary Inspector General, Ottawa. hatches when other hens lay in the tion of their fields during the coming in place by stakes. Make boards along nest with the sitter. Some farmers do not set a hen until one becomes The aims of the above work are: broody on a nest where no others lay, which often personal late which often personal late which often personal late which of the personal late which is the which often necessitates late chicks. duction of seed potatoes free from fresh horse manure, let it heat a few -FRIENDS. The difficulty can be overcome by disease. making a new nest for the broody hen. (2.) To make known to the grow- put into the pit, tramping firmly, until I solder an inverted tin pan (which ill with the wicked. The signs of must thresh his wheat in hiding. Mid-A box about twelve inches square and ers the various diseases affecting po- manure is eighteen inches deep. Place can be bought for ten cents) to the God's wrath are not always present ianites, traveling merchantmen of the Than be hobbling about singing chicksix inches deep; some earth, or an tatoes, their economic importance, sash over pit, bank firmly with earth bottom of my lanterns. It prevents and visible, but his wrath against sin desert, had long coveted the riches of overturned sod in the bottom, with and accepted methods for their con- and a few days later place a four-inch upsetting just as well as a cement is inevitable. None can escape it. And the rich corn fields of Israel, watching and accepted methods for their concare to have the corners very full so trol. that no eggs can roll out from the troi.

(3.) To recommend to the growers, seeds in this when temperature gets it presents a ring on the bottom it penitent. Interpret history as you of the people until the time was ring. hen and get chilled; next, about two in the event of a change of seed being down to 90 deg. F. and stays thereinches of straw or chaff, and then a found necessary, sources of disease- abouts. few earthen eggs put into the nest. free seed potatoes, thus gradually The nest should be placed in some pen eliminating undesirable stock. where nothing can disturb the hen, (4.) To assist the growers whose and put her on after dark. Feed and stock upon inspection is found to meawater must be within easy reach, and sure up to the standards set, in secura dust bath should also be convenient. ing favorable prices for their seed, If the hen is sitting quiet the next by the issuance of official certificates day, you will be safe in putting the vouching for its quality. eggs under her. In our experience The methods applied in carrying we get ninety per cent. of the hens out inspection and certification of po-

to sit by following this method. tatoes are as follows: It should be remembered that the (a) The fields are inspected at hen will be in better condition if dust- blossoming time, and again about a ed with insect powder when set, and month subsequently, in order to ascer- scab also a few days before the hatch comes tain what diseases (if any) affecting off. This will usually keep the lice the growing plants, are present. in check, especially if some tansy or (b) Failure of any fields to measure per cent. scab. mint leaves are used in making the up to the standards set for these two

Selection of Eggs.

kind of eggs you want for market. (c) The crops of fields which pass known as the pre-pink stage), aver-

hatching keep them in a cool place such crops when sold, and a certificaabout fifty to sixty degrees Fahren- tion tag attached by the inspector to per cent. scab. heit. Be sure the place is clean and every bag at the time of shipment. not musty. Eggs for hatching should These tags are issued by the Domin- sulphur, not soluble sulphur, at the gave good results too. be kept not longer than ten days The eggs from late hatched pullets, bear the official seal of the Plant Dis-



Any of the following bulletins, giving timely information of value to farmers, will be gladly sent anywhere free on request. No postage required. Simply tear out this advertisement, check bulletins you desire, and slip it in an envelope addressed to-

Publications Branch, Department of Agriculture, Ottawa, Canada.

Best Varieties of Grain.	
Feeding Beef Cattle in Ontario.	
Co-operation in Marketing Poult Produce.	177
Grading and Marking Eggs.	
Feeding Influence on Type of Ho	es.
Swine Husbandry in Canada.	
Dairying in New Zealand and Au	stralia.
Milking Machines.	
The Corn Borer.	
Hardy Roses.	
Storage of Ice.	
Modern Orchard Practices.	
The Maple Sugar Industry.	
Fox Ranching in Canada.	
Bees and How to Keep Them.	
Rabbits.	
The Strawberry in Canada.	
Poultry Keeping in Town and Co	untry.
Bush Fruits.	Samuel Control
Weeds and Weed Seeds.	
Fertilizers for Field Crops.	
List of 300 Publications.	

Name	hear you. Put it in the paper.
Post Office	Southern Italy exported last
R. R. No	\$11,800,000 worth of almonds. It country certain varieties are
ProvinceE10	removed and the soft green she kernel are eaten with salt.
	werner are carell with sair

Advancement in Butter

Making.

was fourth with 54.68; New Bruns-

wick fifth with 54.50; Prince Edward

Island sixth with 54.46; Saskatchew-

eighth with 54.25.

Starting Plants Indoors.

be handled when filled with soil.

or immature birds, seldom hatch as free from stones, sticks or lumps be- existence of the disease shall imme-Given a suitable room, the first well as eggs from mature birds. Our fore seed planting. Mark the rows diately notify the nearest veterinary interpretation of the story. It tells us wanted. thing is to clean the machine before best hatching eggs have been produc- with a straight stick that is as long inspector. and after every hatch. Brush the ma- ed from early hatched pullets that as the box is wide, making the rows Mange is caused by a minute par- pened. It reveals the hand of God man who did not lay aside his weathine clean, wash it out with hot laid well in the early winter and then about one-fourth of an inch deep and asite, commonly known as a mite, liv- in the history, the just and yet mercipons, but who stooped, lifted the He had not been singing that song

> and turn the box every two or three The time of planting the seeds de-

hundred and one or one hundred and ing power of eggs in a day or two will pends upon the approximate date of transplanting to the garden. Lettuce or cabbage can be set out of doors very early and therefore can be started before tomatoes or peppers. As soon as the plants seem crowded in the box they should be transplanted Although potato inspection and cer- or thinned so that they will not beusually either the hatch is small or tification has rapidly increased in come spindly. In from six to eight the chicks hatched are hard to rear, scope and usefulness since its incep- weeks plants reach the transplanting

Low temperatures are not so fatal as tion in Canada in 1915, there are na- size. turally many potato growers through-

days, fork it over, let heat again and

The Treatment of Mange. Plants may easily be started in the Every domestic animal is subject

house by using a "flat" or an old soap to that obnoxious and contagious disbox. The box should be three or four ease mange, scabies, or itch, says Dr. inches deep, should have holes in the Hilton, Chief Veterinary Inspector of bottom to permit drainage, and should the Dominion Health of Animals be small enough so that it can easily Branch in a bulletin "Mange in Cattle, Horses and Sheep." The Animal Fill the box to within one-half inch Contagious Diseases Act requires of the top with fine loam, then firm that every owner, breeder, dealer and

become. In his bulletin, which can be to God, he raises up for them a de-did conquer. had free on applying to the Publica- liverer. an incubator depends upon the make has not yet been drawn. It is therethey may be thinned out in the box pounds of sulphur, ten pounds of fresh pare Ps. 78: 32-39. and the room. Generally it is best to fore desired at this time briefly to fore desir Early plants can also be secured by plied under the supervision of a vet- fectly represent the ways of God. The to type, he pondered deeply as to the And had heard every word little

> back of pit extend six inches higher In balancing the debits and credits of the righteous and the prosperity of Gideon's heart was heavy. It was "I'm grateful," said he, "for the wish than in front, so that sash will slope of the months or years, let us not for- the wicked, and leaves it at last a literally "a land flowing with milk and

Results of Spray Experiments in 1923

BY L. CAESAR, ONTARIO AGRICULTURAL COLLEGE.

orchard-10 acres-was composed of was lime-sulphur, hydrated lime and Arab hordes from the eastern wilder- in the individual. It is a sad time in

tant results obtained:

Eggs deteriorate in hatching qual- (d) A final inspection is made—if . 5. Trees sprayed three times with to its efficiency.

sures the validity of any tag upon thorough, averaged 18.1 per cent. scab. sprays. ease Inspection Service. This seal en-

which it appears, and should be looked cure bona-fide Extra No. 1 certified calyx spray, lime-sulphur being used for this year at least, Bordeaux (3,9,

to communicate with the Dominion fruit averaged 33 per cent. scab. 10. Where Bordeaux was used for Botanist, Central Experimental Farm. Ottawa, as early in the season as pos- the first two sprays and lime-sulphur sible in order that arrangements may for the third, the foliage was greener be made in good time to meet their and better than where lime-sulphur

fruit too was but little russeted. 11. Arsenate of lime gave as good control of worms as arsenate of lead, the average for both plots being 4 per cent. wormy apples, all being due to ing contest conducted for the past five made only surface injuries and did

years by the Dominion Dairy and not succeed in entering the fruit. Cold Storage Branch, from May to October in each year, show that but- ing Bordeaux mixture seems desirable making Bordeaux but there seems no ter-making in Canada has greatly as there was almost no yellow leaf or good reason why hydrated lime should improved. The scoring by the pro- leaf drop this year compared with a not be used especially as it is much vinces was very close, ranging from heavy drop last year when less lime easier to procure, store and handle. 53.68 by Ontario to 54.85 by Quebec was used. The formula this year was (f) It does not seem safe to substitied for second place with Nova Sco- and 40 gallons water.

tia, with 54.80 each; British Columbia isfactory results as stone lime in mak- favorable for scab it seems inferior. course, much more convenient to use sulphur stronger than 1 gallon to 35 and others not until eight or nine an seventh with 54.38, and Alberta

14. The addition of 3 lbs. hydrated spray unless scale is present. No use to go down in the back lot arsenate of lead lessened greatly the to know (1) that on an average about hatched pullets will lay a little, but,

ing scab.

first application was 1 gallon to 35 won by men who were "fearful and sturdy patriotism, and consecrated record the origin and characteristics Continuous selection, year after year, the two field inspections are inspected afraid." When permission was given, common sense, and shrewd bravery of a great number turned back and Gieggs, nor do not handle eggs unless your hands are clean. The shell is affecting the tubers, are passed as the blossoms were ready to burst in the control of the above times and again present.

3. A Call to Revival. The great fruits originated in Canada. These will include the "McIntosh" and "Fayour hands are clean. The shell is affecting the tubers, are passed as in the control of the above times and again present.

4. Yet too many. We may fairly work to which Gideon was called was in the control of the above times and again present.

5. A Call to Revival. The great fruits originated in Canada. These will include the "McIntosh" and "Fayour hands are clean. The shell is affecting the tubers, are passed as in the control of the above times and again present.

spray this year was at the pre-pink and by the hand of his chosen man, any hope. Pure religion inspires the

ion Department of Agriculture and all maximum strength recommended by (b) Each of the three regular in conflict with so powerful an enemy, faith. the manufacturers, four applications sprays helped in the control of scab. being given and all well timed and No one can afford to omit any of these

8. Wettable sulphur was shipped (c) The best combination of sprays for by all purchasers desiring to se- too late to use on any but the third or taking everything into account was, for the third or calyx spray.

its cheapness, its making no precipi- son for poor results is a lack of careand of its equal killing value com- wanted. While you are collecting the was used in all three applications, the

(e) Some have thought that stone

out of 55 possible points. Manitoba 3 lbs. bluestone, 9 lbs. hydrated lime, tute dry lime-sulphur for the ordinary liquid lime-sulphur. Some years it 13. Hydrated lime gave just as sat- will doubtless work well, but in a year from six to seven months; some lay and 86.4 lbs. fat. ing Bordeaux mixture and was, of (g) There is no need of using lime-

or 40 gallons of water for the first fifty per cent. egg yield is wanted in lime to lime-sulphur before adding In conclusion it may be of interest

and holler about the good things you amount of sludge or blackish precipi- 6 gallons of spray per tree was found as a rule, not forty or more per cent. have to sell. Get out where men will tate but seemed to make little or no necessary, the trees being about 20 difference in the efficiency of the years old, thrifty and capable of bearing about 5 barrels each; and (2) xported last year 15. Four sprays this year were no that the main infection period for scab Water rises in the soil by means of ployment selling our complete and ex. the top. In this way the whole sumalmonds. In that better than three in Norfolk County this year in all parts of the province capillary attraction. That is, the clusive lines of whole-root fresh-dug. the top. In this way the whole sumrieties are picked where the experiments were conduct- was before the blossoms burst. There- water passes from each particle of to-order trees and plants. Best stock the top. In this way the whole sumfruit. The husk is ed. Last year a fourth spray was fore any person who omitted the early soil to the next, the same as kerosene and service. We teach and equip you space and no two pieces need touch, straight free. A money-making opportunity. It is cause mold. Over tightly and the salt. In the same as kerosene and service. We teach and equip you space and no two pieces need touch, in a lamp-wick rises from fibre to have been and service. We teach and equip you space and no two pieces need touch, sprays should not blame the spray for in a lamp-wick rises from fibre to have been and service. We teach and equip you space and no two pieces need touch, sprays should not blame the spray for in a lamp-wick rises from fibre to have been and service. We teach and equip you space and no two pieces need touch, sprays should not blame the spray for in a lamp-wick rises from fibre to have been and service. We teach and equip you space and no two pieces need touch, sprays should not blame the spray for in a lamp-wick rises from fibre to have been and service. We teach and equip you space and no two pieces need touch, sprays should not blame the spray for in a lamp-wick rises from fibre. not controlling scab.

The Sunday School Lesson

FEBRUARY 24

The Period of the Judges, Judges chs. 2-16. Golden Text-I will heal their backsliding, I will love them freely-Hosea 14: 4.

the soil and have it perfectly level and veterinary surgeon, suspecting the book of Judges contains both the story tegy and with picked men. He chose of the period after Joshua, and an a way to test and pick the men he both what happened, and why it hap- V. 5 .- 8. Every one that lappeth. The ing on, or in the skin, and reproduct tul dealing of God with his people. It water in the hollow of his hand and ing itself by means of eggs. When is a long and changeful record of evil drank, was the man he chose and set it is stated that the female can pro- and of good, of times of conflict and aside. The other who sprawled on all it is stated that the female can proof rest, of defeat and of victory. The fours, bowing on his knees and hands
duce a million and a half descendants
in the three months or less, and that
garded as punishment for their evil present task. He would be used later
they swarm off dead animals to lie deeds, and their deliverance as on in the pursuit of the fleeing enemy.

song.

"Oh, sister; look out of the window,"
said she;
There's a dear little bird singing in wait for living ones, it will be seen wrought by the divine compassion. Al- By the chosen three hundred, and by how terribly ravaging the disease may ways when in their distress they cry his faith in God, Gideon would and

tions Branch, Dept. of Agriculture, Notes: Ch. 2:16-18. The Lord rais-Ottawa, Dr. Hilton concisely but min- ed up judges. This is the writer's is a personal matter. We cannot live Ottawa, Dr. Hilton concisely but minsummary explanation of all that hap- on inherited virtue. The faith of our
utely describes the characteristics and
pened. The people sinned, the Lord fathers must be living still, in us, if
nature of the disease, and prescribes was angry with them and gave them the morals of the individual and of

And yet he keeps singing his chick-atreatment, which includes, in the case into the hand of their enemies. In the nation are not to decline. Joshua or horses and cattle, first washing their distress they repented and cried and his elders were good men, who with hot water and castile soap, thor- to him for deliverance. He had com- made so deep an impress upon the na- "Oh, mother, do get him some stockoughly drying, and then applying a passion upon them and delivered them. tional life that "the people served the mixture composed of two pounds of The agents whom he employed were Lord all the days of Joshua." Then A warm little hat and a coat, if he sulphur, eight ounces of oil of tar, these men who were both warriors followed great neglect of personal sulphur, eight ounces of oil of tar, and judges, leading in war and ruling faith, family training, and family reand one gallon of raw linseed oil. in peace. And, as with Moses and ligion. Naturally and inevitably there When the outbreak comprises a large with Joshua, so now "the Lord was soon developed "a generation which When it is necessary to provide number of animals, dipping is recom- with the judge, and delivered them out knew not the Lord." The amount of moisture required in out the country to whose attention it more space for the growing seedlings mended in a mixture composed of 24 of the hand of their enemies." Com- 2. The Salt of the Earth. From the

Setting the hen—It is generally greed that in order to secure a good tion of seed potatoes reasonably free tants, with instructions as to prepara- ed in this way, nor is the repentant tion. They were prosperous enough. oppression. The book of Job strug- gardens, one of the most beautiful gles with its problem of the suffering pastoral scenes in the world. But writer of this history is right. It is leaving them in weak and servile fear well with the righteous. It does go of marauding pirates. Even Gideon I'd rather remain with my limbs all layer of soil over the manure. Plant base, and is much lighter to carry. As just as sure as his wrath, so sure is like vultures the jealousies, divisions, "There is One, my dear child, though in it everywhere the working of the spoilers." In the endless fights and

Ch. 7: 2, 3. The Lord said unto brothers had lost their lives. The Gideon. We turn from the general times are troubled, but here is a man And away he went, singing his chickstatement of God's way with Israel, who still retains his deep piety, and to the story of one of the judges, the heroic courage of a true son of Gideon is raised up by God to de- Abraham. The spirit of Joshua still It should be kept in mind that the 16. The cheapest spray mixture liver Israel from the Midianites,- lives, not in the nation it is true, but orchard—10 acres—was composed of alternate rows of Snow and McIntosh apples about 20 years old.

Was lime-sulphur, hydrated lime and ness, who had held the land in subthe nation's history, but it is far from plants.

The Canadian Horticultural Councert. less than lime-sulphur and arsendeon's brothers had been slain by ing stories of Ruth, and Elkanah, and cil has drawn up rules and regulations. The following are the most impor- ate of lead. (The hydrated lime was them. Called of God to be the nation's Hannah, and Samuel, and Gideon? | tions for the trial plots where new added to prevent the arsenate of lime deliverer, he first of all, made war on The cause of the people needs varieties of plants submitted for 1. Check trees averaged 91 per cent. burning foliage.) The next cheapest the idol worship which had its seat in championing to-day. There are spoil- registration will be tested before bewas Bordeaux mixture and arsenate his own town of Ophrah. Then he ers in our heritage. Canada is suffer- ing certificated. These gardens will 2. Trees sprayed only once, namely, of lime, which cost 2.5 per cent. more rallied the men of the northern tribes, ing acutely from wrong use and bad be confined to government institutions. as buds were bursting, averaged 46 than lime sulphur, hydrated lime and Naphtali, against the enemy. The manipulations, trade restrictions, exarsenate of lime and 25 per cent. less Midianite army made its camp in the ploiting monopolies, degenerating am- cultural colleges. Up to the end of 3. Trees sprayed only once but later than Bordeaux mixture and arsenate valley of Jezreel. Its forces far out- usements, self-interested politics, and 1923 eight new varieties of flowers than above, namely, as blossom bud of lead. The dearest spray was Bor- numbered the forces which Gideon trafficking in the blood-guiltiness of and one new variety of strawberry further consideration for seed purnot yet showing pink (this stage is above it must be remembered that the The Lord's word to him was a word host of Midianites more destructive a view to ultimate registration.

at four and one-half to five months,

November the pullets should be hatch-

CONTINUATION OF THE STORY-The victory could lie only in clever stra-

vantage ground of his farm, a middleskirmishes of the period, Gideon's Good morning-Oh, who are as happy

3. A Call to Revival. The great fruits originated in Canada. These

porous, hence there is possible con- worthy of certification as Extra No. 1 sel of the Lord in prayer. The divine save the nation. And only in so far berry, the "Joscelyn" gooseberry, the ty with age. When you hold eggs for so requested by the grower—of all lime-sulphur and either arsenate of Some in his mind and as people to-day can be brought to "Saunders" black current, the "Fitzlead or arsenate of lime, averaged 2.6 (a) The best time to apply the first heart. God worked through the mind the love and service of God is there gerald" peach, and the "Windsor" for cent. scab.

6. Trees sprayed with dry limestage, though the semi-dormant stage and skill, and his final victory, to God. vision, ennobles the motives, leads to Here, then, he was made to see that, right decisions, and kindles victorious cil will recognize demonstration gar-

Profitable Cow Testing.

Many people appear to believe that Prince Edward Island from an aver- horticultural societies. in the first and second spray. Trees 40 formula) for the first spray, Bor- the secret of getting eggs, particular- age per cow of 5,990 lbs. milk and All growers of potatoes intended for seed purposes, who have not yet of potatoes intended at a sprayed with Bordeaux of the same strength and arsently in winter, is in the feeds given and 280.1 lbs. fat and in another herd the methods of feedings others believe the methods of feedings of feedings others believe the methods of feedings of feedings of the methods of feedings of feedings of feedings of feedings of the methods of feedings of feedings of feedings of feedings of the methods of feedings of fe received a practical demonstration of throughout showed an undesirable and lime-sulphur 1 gallon to 40 galthe work and who desire to have their amount of russeting of the fruit but lons water, hydrated lime 2 or 3 the whole problem is in the breed or to 10,218 lbs. milk and 349 lbs. fat. fields inspected during 1923 are urged the foliage was good. The russeted pounds, and arsenate of lime 1 pound, strain; while others think that the In New Brunswick a herd in which housing is the problem to solve. All the system was followed increased (d) Arsenate of lime on account of these are important, but the main realibs. milk and 219.6 lbs. fat to 5,537 tate or black sludge with lime-sulphur ful work months before the eggs are Scotia herd recorded an increase from pared with arsenate of lead should, so high-priced winter eggs you should lbs. fat to 5,554 lbs. milk and 169.1 far as one can judge, be substituted be making careful plans to secure the lbs. fat. In Quebec one herd increasfor arsenate of lead. It must not, crops of pullets for next season, so ed from an average per cow of 6,682 gallons of fresh milk valued at \$39,says Prof. W. R. Graham, Poultry lbs. milk and 254.2 lbs. fat to 8,164 but only with Bordeaux or lime- Dept., Ontario Agricultural College. lbs. milk and 320.3 lbs. fat. Another sulphur and with the latter 2 or 3 Where eggs in winter are wanted herd in the same province developed up to \$1,134,085. Results in 1923 of the butter-scor- side worms of which more than half added to every 40 gallons of liquid doubt, the one to depend upon. Year- 199.4 lbs. fat to 7,067 lbs. milk and ling hens and those older are very 264.1 lbs. fat. In Ontario an average into poultry keeping and Luck need rarely good producers during Novem- increase per cow was registered from 12. A large excess of lime in mak- lime was superior to hydrated lime in ber and December. They are uncer- 6,432 lbs. milk and 218 lbs. fat to 10,tain even in January and February 235 lbs. milk and 346.4 lbs. fat, an frames of pictures and mirrors, and and really do not begin to lay well actual increase through cow-testing of also on the electric fixtures are ununtil March. Where the egg produc- 3,803 lbs. milk and 128.4 lbs. fat! In sightly. Scrubbing compounds will tion falls below fifteen per cent. dur- Alberta an average per cow was in- clean them off, but take the lacquer or ing the winter months, one is not creased from 4,593 lbs. milk and 168.2 finish off, too. A saturated solution of

> A good colony of bees at the beginning of the main honey flow should clean barrel an ideal storing place. consist of one selected queen and 75 .- By putting strings through all pieces 000 to 100,000 workers. There should of meat one can hang over 200 pounds

We pay weekly and offer steady em- from rods (preferably metal) across



one day. And two little sisters were busy at

A snow bird was sitting close by on And merrily singing his-chick-a-dee-

very long Ere Emily heard him, so loud was his

on his feet.

'Chick-a-dee-dee.'

"Poor fellow, he walks in the snow and the sleet.

ings and shoes.

I wish he'd come into the parlor and How warm we would make him, poor

chick-a-dee-dee."

Emily said. "What a figure I'd made in that dress," thought he

But I have no occasion for such a fine

I cannot tell who. Has clothed me already, and warm

as we?"

To Test New Varieties of Plants.

Besides the trial gardens, the Cundens, the object being to bring to the attention of the public such superior varieties of horticultural plants as are approved by the Council. The de-Cow-testing has shown an improve- monstration gardens will be conducted ment in three years in one herd in by responsible organizations such as

Value of Dairy Exports.

Canada's exports of dairy products in the month of November, 1923, amounted to 21,970,898 lbs. valued at \$4, 636,639, of which 17,138,802 lbs. valued at \$3,440,104 went to Great Britain, 1,954,776 lbs. worth \$735,164 dies. Besides the foregoing the United States took 217,000 gallons of fresh cream at \$359,315, and 198,133 dairy products taken by that country

Put Push, Pluck and Perseverance

making much profit. The age at lbs. fat to 8,359 lbs. milk and 254.6 washing soda, applied to the surface which most pullets begin laying is lbs. fat, an increase of 3,766 lbs. milk with a soft cloth, will remove the flyspecks without injury.

For smoked meat, we find an empty. in one barrel. We drive two or three rows of nails around the barrel at different heights for the bacon to hang from, and let the sausages and hams hang on different length strings