

ations to Agronomist, 78 Adelaide St. West, Toronto

winter, and that they have more green leaves of plants in their rations. From the green leaves of plants in their rations, and allowed to cure in these cocks, even if it takes several days, the plant more tenaciously and ere asset to deven in the spins colonies will build up but slowly. It will, therefore, be necessively and the spin colonies will build up but slowly. It will, therefore, be neces, the spins colonies will build up but slowly. It will, therefore, be neces, the spins colonies will build up but slowly. It will, therefore, be neces, the spins colonies will build up but slowly. It will, therefore, be neces, once that all have scales to so much, it will sett down more compactly so it will she spins. When the clover is put in cocks and the spins colonies will build up but slowly. It will, therefore, be necessing to some preserve the term ended to mind the spins colonies will build up but slowly. It will, therefore, be necessing the spins of the spins colonies will build up but slowly. It will, therefore, be necessing the spins of the spins colonies will build up but slowly. It will, therefore, be necessing the spins of the spins colonies will build up but slowly. It will, theref

VITAMINES FOR DAIRY COWS.

It is known that milk contains in abundance those mysterious, little understood, vital principals called vitamines, which seem to have so much to do with life itself.

So essential are these vitamines that lower animals, like rats, rabbits, guinca pigs, etc., soon die if a sufficient quantity is not contained in their ration. So vital are these vitamines that it was observed in the great warthat soldiers having a ration containing butter recovered from their wounds much sooner than those deprived of butter. Hence it is, that dairy products are becoming more universally used in our diet than ever before.

Now it is learned that cows' milk has a greater number of vitamines in summer than in winter, presumably due to the fact that they have greater access to sunlight in summer than in winter, and that they have more green leaves of plants in their rations. From this fact it is to be observed how very essential it is to have a well-lighted.

It is known that milk contains in milk during the winter by adding the oil to the cow's ration.

But it will be much better and more to conomical to furnish the vitamines to the col winter with well of the regular food than to feed her col liver oil. Certainly if the col winter economical to furnish the vitamines to the col winter by adding the oil to the cow's ration.

But it will be much better and more to economical, the will be much better and more to furnish the vitamines to the col winter by adding the wite will be much better and more to furnish the vitamines to the col winter by adding the wit will be much better and more to furnish the vitamines to the col winter by adding the wit will be much better and more to furnish the vitamines to the col winter by

the seedlings, and the following year and kept well fertilized so as to pro-

Building Up Bee Colonies.

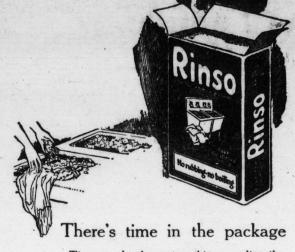
It is essential that every beekeeper should have all his colonies in the best of condition, i.e., strong in bees of the right flying age at the commence-ment of the main flow in order that the largest possible crop may be harvested.

should be taken toward the end of the



TRANSPLANT THE SECOND YEAR. Clean cultivation should be given but they should be allowed to grow No shoots should be cut from roots the first year they are transplanted, common discount to grow but they should be allowed to grow

Common through the cutting reason is now the season that they should be cutting the allowed to grow the seedings, and the following year with the self-stage of the common through the self-stage of the common through the self-stage of the self-stage of the grow through the self-stage of the grow through the cutting assam is over its few first pollowing the cutting following the cutting assam is over its few first pollowing the cutting assam is over its few first pollowing the cutting following the cuttin



Time to do the many things ordinarily put off on wash-day. For Rinso does not keep you standing over the wash-tub, rubbing until your back aches and your hands are red and sore.

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THE CHILDREN'S

"That would be fine," answered the



CANADA'S WOOL CLIPS

It is gratifying to note in the gen-It is gratifying to note in the general agricultural situation an increasing interest being evinced in all partial of Canada in the maintenance of herds of sheep, for in addition to there being a profitable market for mutton and lamb, great opportunities are developing in the Dominion for wool production. Though the past few years, owing to the defiation of the prices of wool and the closing of the United States market by the imposition of a tariff of 15 cents a pound, have been depressing and discouraging ones for Canadian sheepmen, authorities are unanimous in the opinion that this period has passed and that there are better times immediately shead for Canadian wool growers. Canadian wool growers.

The total production of wool in Can-The total production of wool in Canada in 1922 from 3,262,628 sheep and lambs was 18,523,392 lbs., as compared with 21,251,456 lbs. in the previous year. Of the 1922 clip the Province of Prince Edward Island contributed 600,544 lbs; Nova Scotia, 1,875,341 lbs.; New Brunswick, 1,237,782 lbs.; Quebec, 5,664,957 lbs.; Ontario, 5,450,425 lbs.; Manitoba, 630,808 lbs.; Sastathewan. 1,150,542 lbs.; Alberta, katchewan, 1,150,542 lbs.; Alberta, 1,539,500 lbs.; and British Columbia,

283,493 lbs.
Though the 1922 figures exhibit a decline in production, this is due to purely temporary economic conditions, and the Canadian wool clip is to be expected to regain that place on the scendant scale it occupied previously. In 1900 the Dominion wool production was only 10,657,597 lbs. and had declined to 6,933,955 lbs. by 1910. By the year 1915 it had jumped to 12,-000,000 lbs., a figure it maintained until 1918, when the surprising total of 20,000,000 lbs. was attained. By the year 1920 a production of 24,000,-000 lbs. had been reached, and in the depressing era which followed there has been a gradual falling off.

CANADIAN CO-OPERATIVE WOOL GROW-

The increase in production may, in child, "but don't you know you can some degree, be attributed to the grad-never reach the great city by prancing and co-operative marketing which THE CHILDREN'S
HOUR

never reach the great city by prancing and co-operative marketing which ing this way and that way? Let way were undertaken in 1918. Ten years ago very little was known about Canadian world except that it was a poor product which even the Canadian mills climb upon his back, and together they conce there was a little gray pony went straight ahead until at last they de the market in its unprepared state.

To THE GREAT CITY.

Once there was a little gray pony went straight ahead until at last they de the market in its unprepared state.

After an educational campaign being

heard another great sound as he was prancing this way and that way. He pricked up his ears and stopped again. Was he hearing sounds from the great acidity.

It is not true, as sometimes is said, increases soil when the period of depression arrived, acidity.

marketing was beginning to be experienced in the Canadian wool industry that acid phosphate increases soil when the period of depression arrived, and with the adjustment of conditions acidity. city? No, it was the great voice of the sea as its waves splashed noisily on the shore.

To the lover of nature the wild dwell with optimism on the future of flowers of the Canadian National wool production in Canada.

Profit in Using Limestone.

An experiment with ground lime-stone and fertilizer conducted at the Kentville, N.S., Dominion Experimental Farm, over two periods of three years each, resulted in profit as follows, according to prices current at the time in Nova Scotia. In the first three-year period the value of the yields on the plots limed and fertilized was \$118.55 per acre as against \$98.14 on the plots merely fertilized, a gain of \$20.41. In the second three-year period when manure was added, those plots with lime produced a value of \$360.62 per acre and those unlimed \$312.03, a gain for the lime of \$48.59 per acre. The cost of the lime was per acre. The cost of the lime was \$16.80 and the profit per acre above



No Man's Chattel.

American citizen and the property of

The world production of beet sugar for the current year is estimated at 20,450,000 tons, which is about 200,000 tons more than were produced the pre-vious year, and 2,000,000 more than the average for two years preceding the World War.