

gain of 1 lb. 3 ozs. At the Indian in 346 days, or a daily average pro-Head Experimental Farm, in a test duction of 16.2 pounds. The profit covering a period of 77 days, barley over cost of feed was \$31.74 per cow was compared with elevator screen or 14.5 cents for every pound of butings. The barley-fed lot made an ter-fat produced. The three-year-old

POULTRY

Spraying Potatoes is Neces- their growth and died. This is neces Spraying Potatoes is Necessary in Order to Keep Them
Free From Beetles, Blight
and Rot and Other Diseases.

Spraying, in order to be effective,
must be timely and thorough, and
should be commenced when the potatio
beetle eggs are just hatching, which
is usually about the time the plants
are from five to eight inches high, and
the foliage should be kept covered

their growth and died. This is necessary to prevent tubers rotting after
they are dug. Be sure and use plenty
of Bordeaux at each application.
Forty gallons may be sufficient to
cover the plants may be sufficient to
cover the plants when they are small,
but eighty to one hundred gallons will
be required when the plants are large
in order to do thorough spraying. The
best type of spray is one with tanozzles which provides for spraying rethey are dug. Be sure and use plenty
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"The Cald's First School is the Family"-Freebel."

Mine and Thine-By Jennie Ellis Burdick

# THE WOODLOT ON THE FARM

Greatest Harm Done by Allowing Cattle to Graze Where Young Trees Should Have a Chance to Develop.

BY ARTHUR HERBERT RICHARDSON.

Address communication to Agronomist. 73 Adeside at West, Toronto

THE ADATABILITY OF BAL

LEY IN LIVES STOCK

THE ADATABILITY OF BAL

LEY IN LIVES TORON

As a utility defor live stock, the value of barbey is generally acception, the value of barbey is generally acception, the value of barbey is generally acception, and call on the producers, and call out those which have been been because of its lack of paintainty in the locality in which the best will be accepted with one was not been controlled to the control of the control

will be instructive to the man who is interested in the betterment of his bush. On the ground, beneath the larger trees, if these are present, is a thick network of young growth ranging in size from a match to a whipstalk. These are the children of the formal trees, it is a thick network of young growth ranging in size from a match to a whipstalk. These are the children of the formal trees are the children of the formal trees are the children of the formal trees are not under discussion in this noon. The lawn was all mowed, the article, but where the farmer has a new fence built around the flower bed, format range of good bush and is available to graduate the The Border Food is an units of the produced in the same of fined we shift by a comparing of internal control of the same of th

Deek her until she recurs to her proper station.

Once the hen leader has been chosen there is little insurgency, but let the social boss weaken and woe unto her! A rival is always ready to take her place. And in eliminating competitors hens are most businesslike. If a hen feels under the weather or is injured, there is none so magnanimous as to refrain from giving her a stab. If she disappears for a time to hatch a brood, she must give a strict account of herself upon her return. But no matter how meek a hen has been she will when she becomes a mother defy the queen of the flock in defence of her goes of the flock in defence of her the station of the flock in defence of her the station. queen of the flock in defence of her noticed in human mothers.

### A Praver.

If I have faltered more or less In my great task of happiness; In my great task of nappiness;
If I have moved among my race
And shown no glorious morning face;
If beams from happy human eyes
Have moved me not; if morning skies,
Books, and my food, and summer rain
Knocked on my sullen heart in vain;
Lord, thy most pointed pleasure take,
And stab my spirit wide awake.

Robert Louis Stephenson.

Robert Louis Stephenson.

### THE CHILDREN'S HOUR

WHISTLE BLINDMAN'S BUFF IS

places for the night hens observe a system of rank as rigid as that of a diplomatic dinner in London. If a pariah ventures to push in among the aristocrats on the top roost, the others peck her until she returns to her proper station. He went scrambling up the bank,

## Stable Ventilation.

When planning the changes to be made in the farm stables this summer, give the question of ventilation first consideration. Animal life is de-Lord, thy most pointed pleasure take,
And stab my spirit wide awake.

—Robert Louis Stephenson.

If the slats in the pig creep are placed vertically instead of horizontally, the creep can be used without changing until the pigs are much older.

expended of september on the deeding, and that so little attention has been given to the most important demand in the life of a domesticated animal—pure air. Plan the stable in such a way that pure air will be available to the animals every hour of the dy, so says L. Stevenson of the Ontario Agricultural College.



water is available is to run a line of half-inch pipe out to the range, letting of which have been marked scales to the lie right on the ground. Branch linea may be run to each section of the range or, if desired, to each colony house.

If the pipes are laid in a deep furrow and covered the water will be kept much cooler than if they are left above ground, yet there will be no serious inconvenience when the time comes for taking the pipes up in the fall.

A simple and above material.

Sun and light make for sanitation

Especially is this true when dry mash

A simple and cheap watering Sun and light make for sanitation in the pig sty.

trough for the range may be made by soldering a flat piece of tin or gal-ranized iron to each end of a section A feature of the Canadian exhibit of rain gutter or eavestrough.

When one is attempting to keep the model, made entirely of butter, of the monamption, as for instance equal difficult to measure the results and dell just how—well he is succeeding.

A feature of the Canadian exhibit of the cana

During warm weather it is highly important that special attention be given to the water supply of both hens and young chickens in order to insure an abundant supply of clean, cool water at all times.

Especially is this true when dry masn is hopper fed and is constantly available to the hens.

Two ways of accomplishing the object are in use by careful poultrymen. One is to weigh out the approximate quantities of grain and mash needed for a week with the expectation that

Growth and egg production are the two mixtures will become exhausboth severely handicapped when the ted at the same time. Any surplus water supply is insufficient.

An easy way to handle the summer watering problem where running Another method is to use grain water is available is to run a line of and mash supply boxes on the inside

An easy way to handle the summer the end of the week.