

Corn; oats, peas and vetches; oats; cope; and sunflowers in the order named, are all valuable for this work.

Corn is one of the best crops for this purpose, and gives a large yield of succulent feed, much relished by both cattle and hogs. Planted before June 10th, it should be ready for cutting about August 10-15, and has reached a height of from 5 to 8 feet, with an average yield of 18 tons per acre. "Longfellow" has been used with some degree of success over a period of years. Unless pastures are extremely bare, one-half acre with fair crop should be sufficient for ten or twelve cows.

Oats, peas and vetches mixed, oats five parts, peas four parts, vetches one part by weight, and sown at the rate of three to three and one-half acre with ears are short diseased roots are dwarfed and the leaves are finely speckled with yellow dots. Fruiting one of three to three and one-half acres with ears ward only acres to the corns and oats, and once a day I throw in a small handful of flaxseed-meal. Once a week I give each a generous feed of raw carrots, cut fine. The principal feed, however, is the shred-down the midrib and the main lateral or the leaf. The tissue between the veins arches upward and results in a puckering along the veins. The laterals on the fruiting canes are short and stand upright. The fruit is small and seedy. In mosaic, the leaflets on the new sucker growth in the spring show large bright green blisters, with yellowish green tissue between. In summer and autumn the new leaves are finely speckled with yellow dots. Fruiting one of pregnant mares.

one part by weight, and sown at the canes from diseased roots are dwarfed and the leaves reach only about half bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre, will give large size. The fruit is of very poor qual-bushels per acre,

requal cuts, peas and vetches in yield present on the average to the exter per acre.

Rape is generally used as a pasture

Mosaic is more prevalent and destructions.

s particularly desirable for tive, and on the average twenty p when used for such must cent. of the stand is diseased. T gs, and when used for such must cent of the stand is diseased. I seeded in several plots with about serious feature about this condition be seeded in several plots with about the days intervening between each days intervening between each seeding. If allowed to make good growth before stock is turned in on the and then pastured, say, for an hour per day, plants will, throw up new shoots, and continue to grow even after being partly eaten. Rape may be sown at the rate of three to six pounds per acre, in drills, or on the flat. It has been grown with fair success when seeded broadcast, but this plan is not recommended, as it is generally found necessary to hoe this growth. With successive seed.

Serious feature about this condition is sake said that once a bush is affected by either of these days in the growth coming from the roots, year after year, is diseased. Such roots are a direct loss largely worthless or of very poor quality. Also they serve as sourcs of infection for the nearby healthy bush healthy bush healthy bushes becomes greater year after year.

Both diseases are transmitted to healthy bushes by the very small plant touse, Aphis rubiphila. They suck their fed. fed. fed. pounds for the proper day worthless or of very poor quality. Also they serve as sources of infection for the nearby healthy bushes becomes greater year after year.

Both diseases are transmitted to healthy bushes by the very small plant touse, Aphis rubiphila. They suck their fed. fed. fed. fed. fed. fed. pounds for the proper day worthless or of very poor quality. Also they serve as sources of infection for the nearby healthy bushes because the fruit is sulp to the grower because the fruit is surgely worthless or of very poor quality. Also they serve as sources of infection for the nearby healthy bushes because the fruit is sulp to the grower because the fruit is surgely worthless or of very poor quality. Also they serve as sources of infection for the nearby healthy bushes by healthy bushes because the fruit is surgely worthless or of very poor quality. Also they serve as sources of infection for the many healthy bushes by healthy bushes by the very small plant for

best growth. With successive seedings and careful handling, an acrebiould supply sufficient feed for at kast fifteen cattle.

The Experimental Station at Charborta that sunflowers were used as a between the ports that sunflowers were used as a between the ports that sunflowers were used as a between the ports that sunflowers were used as a between the ports that sunflowers were used as a between the ports that sunflowers were used as a between the ports that sunflowers were used as a between the ports that sunflowers were used as a between the ports of the leaves and because of the leaves and the provided and a month per hog.

Solving the Mystery of Sight.

One of the problems of the leaves and bound a month per hog. The were refused by hogs, and eaten by leaf curl as early in the season as we see?

but sparingly by dairy cows. These they can be recognized will control the disease. This early eradication recamera. It is a roundish ball made of

A neighbor came along and said that if I would trim all the loose pieces of meat and hang the hind quarters up it would not spoil. I did so, and to any surprise it kept in good condition. A thick glaze formed over it that kept the fresh and sweet. I would go out and cut off a piece the size I wanted, sprinkle a little lime on the freshly cut place and it kept until I used it all, which was about two months.

I chipped the meat into small pieces.

I chipped the meat into small pieces.

I chipped the meat into small pieces and mixed it with corn and oats and threw it out in a deep litter of oak leaves. I allowed about an ounce for each fowl in the flock.

The Pekin ducks are a fine breed for market, and the market and the market and the street and the street

leaves. I allowed about an ounce for each fowl in the flock.

The Pekin ducks are a fine breed for market and the most common breed for that purpose. The young drakes will weigh about eight pounds and the adult drakes nine pounds. The young ducks will weigh seven pounds and the adult ducks eight pounds.

It is not necessary to be near a body of water to raise ducks successfully, although some find that it saves work and feed in raising ducks if they are near water. This saves the pumping and carrying of water and the ducks obtain some feed from the animal and vegetable life in and about the water.

## ( Horse Sense 2)

as on the general care of those ani-Green Feed for Every Farm.

Perhaps no other plot on the farm will give such large returns for the amount of time and labor expended as as small area of feed grown for soiling purposes. Green feed is relished during the summer months by cattle, hogs, and poultry (if they are in inclosed yards), but without doubt proves the most profitable when feed to mileh cows. Soiling crops are found to assist very materially in maintaining the milk flow during the hot summer months when pastures are short and dry.

Corn; cats, peas and vetches; cats; appe; and sunflowers in the order named are all valuable for this work.

The development of marked disease cannot be recognized as the most profitable when feed to mileh cows. Soiling crops are found to assist very materially in maintaining the milk flow during the hot summer months when pastures are short and dry.

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The development of marked disease and no control measures were known. The separation of yellows into two distinct diseases was accomplishing a small and the development of marked disease lay and once a day I freed each animal about ten pounds of alfalfa hay, being the mistake by paming them either by feeding or stabling. I allow my animals free access to a large, dry yard with free access to warm box stabls. This insures proper exercise without overtaxing their strength. Feed should be largely given to sustain strength, out the small fruit areas of North countries.

Amortical valuable for this wards as a single disease known as yellows, Although yellows has been of red raspberries, and occurs through-out the small fruit areas of North countries.

Amortical valuable for this wards are short and dry.

The development of past two years pering them either by feeding or stabling. I allow my animals. Once a large, dry yard with free access to a large, dry yard with free access to warm box stabls. This insures to warm box stabls. This insures pering them either by f



will necessitate two or three seedings, leaf curl and mosaic. The variety Herifs soiling crop is to be fed over any bert seems to escape with only slight great length of time. Two seedings, or at the most three, ten days apart, barbould be sufficient, and one acre thould supply plenty of feed for fifteen cows.

A survey of the fruit growing district on the shore of Lake Ontario of the sworth that the sound should almost showed in 1921 that leaf curl was salt common fake form.

Main elements lacking in corn and small grains is composed of equal parts, by weight, of a slaked lime, and bone-meal (or spent bone-black). The following mixture contains many of the time-honored substances used by so many successful from the Niagara River to Toronto, swine growers:

Salt common fake form.

What is a specific to get from him consideration on the subject. But I don't know. What's more, I don't know. What's more, I don't know what's more, I don't know what's more, I don't know whather it is on the shore of Lake Ontario from the Niagara River to Toronto, swine growers:

Salt common fake form.

What is a specific to get from him consideration on the subject. But I don't know what's more, I don't know what's m

0,	swine growers:		
as	Salt, common, flake form	30.0	lbs
nt	Spent bone-black, or bone-		
d.	meal, finely ground, or		
ic-	bone flour	25.0	**
	Commercial kainit, or potas-		
he	sium chloride, or wood		
is	ashes	12.0	4
	Sulphur, flowers of		
n-	Air-slaked lime, or limestone,		
is	finely ground	10.0	"
65	Glauber's salts or sodium		
is	sulphate	5.7	"
ıl-	Epsom salts or magnesium		

sulphate . . . . 5.0
Copperas, or iron sulphate . 2.0
Potassium iodide . . . 0.3 If mixed with the feed, use

ing crop during the latter part of season of 1921, and were eaten apparent relish by beef steers.

ism.

"sights" are carried through the eyeball and the nerve to the sight-centre in the brain. In other words, how do

Mending a Rubber Boot.

A rubber boot that has had a hole unched in it by a stub is as good as spoiled; at least I always supposed so until recently. Any boy can mend a rubber beep is the "sensitive plate" at the back of the eyeball. A semi-transparent membrane, which we call the retine, ilines three-fourths of the interior of the eyeball (which is filled with fluid) and it is particularly developed at one spot, the real seat of distinct vision. On this "yellow spot" in each eye the rays of light form an Inverted image of the object at which we are looking.

It is generally suspected that colorvision is connected with one or more fine chemicals which may be lacking in "color-blind" people. However that may be, the nerve-layer closes up at the back of the eye and, as the optic nerve, conveys the images of things in some way to the consolous centre.

What precisely travels along the nerve we cannot say, but to imagine that an image or picture is conveyed is to imitate children whore.

When precisely travels along the nerve we cannot say, but to imagine that an image or picture is conveyed is to imitate children whore.

When aluminum pans are burned, as clothespin makes a good scraper.

# Parents as Educators

The Wind-By Alice Wingate Frary.

Harve Gemmill is a hard-headed farmer. I would say "level-headed" instead of "hard-headed," perhaps, if Harve Gemmill were his real name. The wind's activities hold the small same appreciation leading the timid child's attention,—the clouds, the fly-I've been trying to get a line on the economic efficiency of the average farm tractor. "How much has the tractor added to your earnings?" ing flag, windmilks and pinwheels, ing flag, windmiles and phowheels, mother who desires a well-rounded development for her child will fail to

Smoke

The Tobacco of Quality

2 LB. TINS-and in p'k'gs.

The Tractor—Pleasure Vehicle

way as a cash proposition, don't you?"
"I don't know whether it is or not.
I always managed to get on first rate

"Why do you kep a tractor then, if

"What I am getting at is this. If I didn't have a tractor, I wouldn't be taking things easy up here in the

shade this afternoon visiting with you. I'd be out there on a plow, 'bout a third done, likely, helping the horses

fight flies and so on.

"Turning, pointing, ever showing How the merry wind is blowing."

asks repeatedly, "Where? How?" nemorized which will make the wind seem a friendly element; "The Weathervane" by Laura E. Richards, "I Saw You Toss the Kites on High" by Stevenson, and Christina Rossetti's

ighted merriment.

"Finished plowing that thirty acress of oats stubble out there yesterday," morbid fear. It is well to cultivate the continued. "Professor Green, of the experiment station says that early plowing for wheat may mean three clouds and the bowing of wind-swept or four bushels extra an acre.

"What I am getting at is this. If

THE READING

HABIT

The hope of the future of Canadian agriculture lies, in a very large mea-sure, in the fact that our farmers as a class are readers of articles, bulle-tins and reports dealing with matters

pertaining to the science and practice of farming. Furthermore, we venture to say they are for the most part readers with open minds, anxious to learn and, as far as circumstances permit, to put into practice that which appeals to them as sound teaching. These statements may appear to seem

These statements may appear to some as decidedly optimistic but that they are not extravagant nor wide of the mark is the opinion of one who for more than thirty years has had an excellent opportunity of learning at first hand, the thought and aspirations of the Canadian farmer.

of the Canadian farmer.

If statistics could be obtained, it would most probably be found that as regards the volume of its agricultural literature in active circulation, Canada, considering her farming population, stands ahead of all countries. And there would not be this large out.

And there would not be this large out-put if there were not a demand for it. If such be the case we may con-

clude that apart from economic con

siderations, our prospects for progress, for more efficient and more profitable

farming are good.

same appreciation leading the timid one out of his fear.

The wind signifies the spirit. No mother who desires a well-rounded development for her child will fail to recognize his need of inner strength, his misconceptions that need straight the single will be kingdom of heaven. tractor added to your earmings!
"How do you know your tractor pays?" "At what work does your tractor yield highest returns?"
"How do you know your tractor ing of children's hair and the tails of recognize his need of inner strength, his misconceptions that need straightening. While the kingdom of heaven while the weathervane, while the weathervane, is the inheritance of child-like hearts, lems, such as the maintenance as the ma is the inheritance of child-like hearts, lems, such as the maintenance and in children have need of guidance, and crease of soil fertility, the economic children have need of guidance, and they guide us too, when we are clear-sighted enough to respond, but our emphasis upon values which are unseen helps to raise our children's standards. Froebel's Mother Play of the Weathervane brings to the child its take of the wind's work and play; stocks that chemistry does not throw to the mother it brings a reminder To Toss the Kites on High" by to the mother it brings a reminder of the imper forces that must be strengthened, the inner light that may heads

Neither you nor I,

But when the trees bow down their heads

The wind is passing by."

As the child makes these verses his way, listens to stories such as "Jan" vigorous reassurance of a truth all preciding security.

and, if put into practice, more lucra-time Acquire the habit and you will

THE CHILDREN'S

HOUR

"Know what we're going to do tomorrow? The Mrs. and the two children and I are going to drive to Lake
James for a week's outing. Neighbors
over here will look after the stock.
We'll do the same for them the following week.

for a white man to scalp, would climb results from their trees. This can the great mountains where even one be done advantageously and quickly. false step would dash him into by sending to the Publications Branch of the Dominion Department of Agri-

The year of the first and the two officers of the summer o

oney?"
"Nice August afternoon this, isn't in Mother Stories by Maud Lindsay) to easily ignored.
"Only God can bring up a child."
"Only God can bring up a child."
"In the shaded porch, and learns what the life of Winds," "Only God can bring up a child."

"Nice August afternoon this, isn't it?" he smiled, cocking his feet up on the railing of the vine-shaded porch, and learns what the different winds hearly two o'clock. There are thirty acres in that field out there."

While I reflected upon the irrelevancy of Harve's change of subject, he was having a great time with his youngest son, a five-year-old, until the sturdy youngster ran away-in delighted merriment.

"Finished plowing that thirty acres"

"Nother Stories by Maud Lindsay) too easily ignored.

"Only God can bring up a child. Nothing will bridge the abyss of the actual and the ideal except faith, hope, love, work, and the immediate help of Divinity."

Was there ever a child that did not ask, "Where does the wind come from?" It is part of the high office blow.

The Weathervane—Songs and Music of Froebel's Mother Play by Susan E. Blow.

The Wind—A. Child's Garden of the sturdy youngster ran away-in delighted merriment.

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Jan—Mothe

son. The maple sugar season is upon us and now is the time for producers to blood-thirsty chiefs, instead of looking consider and study how to get the best

Here Minehaha lived with her father culture at Ottawa for Pamphlet No. 8
Pocono, one of the young chiefs of the which describes the best methods to Metes, and her mother. One day while follow, not only for producing but for

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"To business that we love we rise betime, And go to't with delight."

facilities for taking advantage of the law of gravitation in handling the fluid, which in a well-equipped plant

flows of its own accord from the collecting tank to the storage vat, thence to the evaporator and, when boiled to

a proper consistency, to the receiving

The noblest character would soon degenerate if it should lose the love of excellence.

When varnishing stairs that are in use, varnish every other step one day and the rest the following day.