

records at the Ontario Agricultural College show averages as follows: Height, ninely-eight inches, diameter

Vigorous birds are less susceptible
to a disease like tuberculosis than
acre of heads, 5.6 tens; of whole crop,
18.2 tens, and of ripened seed, 1,453
mites and lice. These two pests are
pounds.

Some Poultry Pointers.

with one of the coal-tar disinfectants

Dirty poultry dishes draw flies and this trouble can partially be controlled

cockerel. But that price the sellers of good birds are really doing business that the beat method would be to have the Fows about thirty-six inches apart in the spok. This would require about seven punds of seed per acre or nearly one-third of a measured bushel. The seed may be sown with an ordinary grain drill by shugging some of the tuste. The real season of the two the sunflower, crop for the silo does me the high layers of fine type to take the high layers of fine type to take the high layers of fine type for the breed. But the two qualities have been combined to any extent. At least it would seem wise, in consideration of beht quality and quantity of silage, that the two qualities have been combined to any extent. At least it and the primitting many of the leaves to be lost. Sunflowers may be harvested with ordinary corn machinery. Where no corn binder is available a sled with which we sat the sides gives good service. The following table indicates the high slags should be fresh laid stand to reach extend the time the crops were put in the silos, and the yield in green weight per acre of sunflowers, as against corn, and peas and oats, the moisture content at the time the crops were put in the silos, and the yields in drawn and the cannel many of the leaves to be lost. Sunflowers may be harvested to the probable yield in green weight per acre of sunflowers, as a gainst corn, and peas and oats, the moisture content at the time the crops were put in the silos, and the yields in drawn and the probable with the time the crops were put in the silos, and the yields in drawn and the content and the probable possible will be content and the probable possible will be formed to the school work of pupils will be formed to the content of the probable yield in green weight per acre of sunflowers, as against corn, and peas and oats, the moisture content of the sunflowers are probable to a sit may look like sour milks and the probable probable possible with an apply. Eggs preserved in which to take a quark the probable pr

er acre:			
			Yield
	Yield	P	er Acre
	Per Acr	е .	Dry
	Green.	Per Cent.	Matte
	Lbs.	Moisture.	Lbs.
unflowers .	.79,200	82.41	12,03
orn	.27,980	78.72	5,74
Page note	14 000	80 84	E 00/

Sunflowers, plus the silo, practically double the stock-carrying capacity of the land, is a fact demonstrated on thousand of American farms. The discovery of this new fodder, or the sufficient of this new fodder, or the discovery of this new fodder, or the sufficient of this ancient plant as silage, either way you wish to put it, is of enormous importance to the average farmer. Ensilaged it will enable that in the case of this farm to poultry.

Poultrymen who decide to cull their flocks will have better luck if they are roperly feeding the hens for egg production before the culling process begins to increase his herds, without having to increase the size of his farm to to further invest in land. In short, sunflowers give promise of improving the whole agricultural system, and bring bigger returns to the farmer for a small outlay in buildings and stock. And feeding tests show sunflowers up in just as favorable light as do the yields. Forty Holstein cows on one farm were successfully rationed on corn, peas and oats, and sunflower silage for periods of two weeks, each cow being given thirty pounds of silage for periods of two weeks, each cow being given thirty pounds of silage for periods of two weeks, each command as a possible. Fly donate it, the school board may finance it, a part at least; interested patrons may donate it; the school board may finance it, a part at least; interested patrons may donate it; the school may finance it, a part at least; interested patrons may donate it; the school may finance it, a part at least; interested patrons may donate it; the school may finance it, a part at least; interested patrons may donate it; the school may finance it, a part at least; interested patrons may donate it; the school may finance it, a part at least; interested patrons may donate it; the school may finance it, a part at least; interested patrons may donate it; the school may finance it, a part at least; interested patrons may donate it; the school may finance it; a flow in the proposed patrons may donate i

A Square Deal for Boys and Girls

By Grace O. Stewart

concerning of gain in beef and cattle larly rich in protein and fat.

The percentage of digestible on nutrients, as determined in repeated force of the sunflower.

Of all the different varieties of sunflowers, the Mammoth Russian is the substance, 21.4; crude protein, 1.24; crude protein, 1.24; crude protein, 1.24 cause of many cases of mainutrition, dish towels, dish cloths, soap and most extensively grown in America, crude fibre and nitrogen-free extract.

The results of eighteen years' feeding 10.13; ether extract, .37.

to ten, and of ripened seed, 1,453 pounds.

The sunflewer ere; may be grown successfully on practically any land which will produce corn satisfactorily. Information has been received from various sources that sunflowers will give even better returns than corn on tather cold and wet soils, muck languer droughty conditions.

Sunflowers are more frost resistant than corn, and therefore may be glande dearlier in the spring, or max period.

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Internation has been received from various sources that sunflowers will give even better returns than corn or rather cold and wet soils, muck land, part the chores before the max than grown and often helps with the chores before may then folks and the family and in accordance with the food served to them folks and the family and in accordance with the food served to them folks and the family and in accordance with the food served to them folks up mixture of equal parts of vasceling and often

before being cut. One dairy farmer, express "We had one test in which com and sunforces were mixed and exert from the forest came about September 1. In a prime distributed to some other cause, should and without the control of the

chicken to another. It pays to keep down flies in the poultry houses. They can be controlled by cleaning drop-ping boards often and spraying them Clubs, and the various Women's Institutes should be made to feel a vital

6. Balance the weekly account of interest in the undertaking.

How to Provide a Hot Lunch. The equipment for providing ho Sunflowers, plus the silo, practically double the stock-carrying capacity of the land, is a fact degree and a fly trap for infested col-

5. Staple supplies

among school children. Upon proper food depends the development of a stocked with a small supply of staples that their mothers will know what to stocked with a small supply of staples which may be secured from proceeds which may be secured from proceeds put in the lunch basket to combine of a social such as Flour rice construction. which may be secured from proceeds of a social, such as: Flour, rice, corn- well with the lunch served at school.

each club member.

7. Keep an accurate record of the ost of the recipes prepared. Some clubs find that the secretary the school lunch project depends upon the interest and co-operation of the treasurer acting as auditor for the o

The Welfare of the Home

Teaching Through Play-By Mrs. C. W. Savage.

or dishes.
After Recess-Cook soup, thirty

Method of Making Calculations.

school directors, parents, teachers

Right now is the time to start your

Just as soon as the hens show signs

Just as soon as the hens show signs of shedding their feathers rapidly, you may be sure that they will not lay many more this summer, and if they are not to be legt over for next winter they should, if in good condition, be marketed immediately.

school lunch club, Start it now

Recipe for potato soup:

Half cup butter at 70c lb. Half cup flour at 4c lb.....

Onion and seasonings ...

Cost per serving ...

The making of various objects. Soon music teachers have been employed to neather the bed, or perform other little tasks, do not be too busy to listen to the request. Accept the offer of assistance with thanks, even if the work takes longer or needs to be done over. Remember this is one of the ways of developing self-confidence and helpfulness. Discouragement will not cultivate self-confidence. Discouragement will not cultivate self-confidence. With the constant reminding will not be necessary. Kind and gentle appreciation is an inspiration. Freful criticism disheartens.

With my little two and a half year this regular to the confidence of the works are understood or not. Repeat or sing nursery rhymes and jingles to the children.

rhymes and jingles to the children. above suggestions, and the results the Soon they will be repeating and sing- have been most successful.

Corn Borer Quarantine.

Scouting work for the European Corn Borer in southern Ontario by the a much larger area than was anticipated at the beginning of the season.

Up to August 27 a total of fifty-three of copper, because copper regains, a coating of these were found infested by the pest; as thirty-six townships were found infested last year, it brings the total number of townships quarantined up to seventy-two.

On September 7 a Ministerial Order

was passed prohibiting the removal of iron; the blow-torch will come in all portions of the corn plant, other than clean shelled corn from the fol- off old paint. Be sure to buy one that lowing townships recently found in- has lugs over the burner to hold a fested by the borer: Peiham, Thorold, soldering iron while heating, and get Stamford, Crowland and Willoughby a torch of ample size, or it may fail in Welland County; Canboro, Seneca, to develop enough heat when working Potato soup requires twelve pota-toes, one onion, four quarts of milk, half cup of butter, half cup of flour,

minutes and keep warm for serving.
At Noon.—Serve soup. Riuse all cooking dishes and pile up neatly for And the kind sky shrouded her all this with washing. Wash as many cooking dishes as possible before lunching hour. in blue--Draped a cloud on her, fold on fold,

Draped a cloud on her, fold on fold, Goldenrod showered her with his gold.

And the breeze so sweet.

Zinc chloride flux, being a liquid, is And the breeze so sweet, In the strange still heat, Dropped a kiss at his dead love's feet.

19 Murmur of bees and rustle of grass, 905 Letting the ghost of the Summer pass it with a small brush.

To the land of the unseen dead.

Remember that the metal to be so! To the land of the unseen dead

...\$0.0375 And, oh, how my heart has longed for a good job can be secured. To accomplish this the point of the hot The successful carrying through of you, While earth and sky

So silently Were waiting, waiting as even I. county school superintendents and the children. The community must have the right attitude toward the work.

And my heart still burns for you. breath comes laden with me A cold wind touches the darkening air, the secure manner in which My years are empty, my days are bare, amalgamated with the metal. Nothing less than the effete tea-wagon of the society novel, made big and strong enough to do housewife's work, saves many a step between the stove and dining-room. Any old table, given wheels, will serve.

With its shivers and sigh, and the year is sad as well as I

Truly Valorous. The world has crying need," said he, "Of gifted men like me;

I'm needed everywhere, And so, to be quite fair And shance no pangs of sharp regret,
I've not done anything—as yet."
——Carolyn Shaw Ries. REVIVING SINGING **SCHOOLS**

After a communication to Agreement, 27 Serbies is West, Twents

Well-Made Sindrews (Plage a Success). Gey day). Only the law according to the first of the state of the state

How to Do Your Own Soldering.

A soldering outfit will soon pay for Dominion Department of Agriculture itself on the repair jobs which would is still being continued. It has been otherwise have to be made by the found that this insect has spread over tinsmith of machinist.

up to seventy-two.

A gasoline blow-torch is the most
On September 7 a Ministerial Order convenient implement for heating the

Lavender flowers and roses' breath.
And my heart breathes a sigh for you.

Solder, like burmsned good job of soldering the parts to be united or soldered should be scraped bright and clean. Do emery-cloth. After this scraping, and while the iron is heating, apply the

best applied with a small brush. Resin is convenient to handle if pulverised and sprinkled on the parts to be soldered. Another method is to dissolve the resin in alcohol and to apply

dered must be brought to the same iron is held against the metal. When everything is working well the molten solder will then follow the point of the iron in a thin film. When solder

ceases to flow freely, reheat the iron.
The inexperienced person invariably
uses too much solder, which results in unsightly work, It is not the quantity

Joke No. 2,678,513.

Hay—Say, what's the matter with your pigs, they're getting thin?
Straw.—Well, you see, when I feed them I carry the feed in a tin pan, and after I empty the pan I rap on it and the pigs come for their food. But now, since so many autos are going by, the darn pigs are running all the time.

Scrub stock multiplies just as fast as pure-bred, but it never gets the right answer.