

THE CABBAGE WORM.

Methods For the Destruction of This Pest. The cabbage worm is generally the easiest insect pest to find in the garden, writes Clarence M. Weed in the Orange Judd Farmer. It is the thick, green caterpillar that feeds upon cabbages, commonly doing much damage to the forming heads by eating holes in the leaves. These cabbage worms hatch from eggs laid upon the leaves by the common white butterfly. When each worm becomes full grown it changes to a chrysalis. About ten days later it changes again, this time to a white butterfly similar to the one that laid the egg.



A TRAP FOR THE BUTTERFLY.

seem to be about three broods, while farther south there are probably four or five. Many remedies for this pest are known. On a commercial scale arsenicals are used, but in the home garden this does not seem to be a desirable treatment except when the plants are small. A simpler way is to heat water in a teakettle to 140 degrees; then pour a little quickly on the infested plants. This kills the worms with little harm to the plants. A little insect powder or pyrethrum dusted into the heads at intervals of once a week will keep them in check. The insect powder bought at village drug stores is often old and worthless. It should be fresh and strong to be effective. When cabbage plants are left standing in the field after the heads are harvested or when a crop that has failed to head is left to neglect the cabbage worms feed on them through the fall, and there are so many more to mature to start next season's crop of butterflies. All such useless leaves and heads should be destroyed by feeding to stock or in some other way, or a few of them may be left and kept dosed with poison so the butterflies will lay eggs on them and the worms that hatch be killed. In this way these plants will act as traps and attract butterflies that might otherwise deposit their eggs on wild mustard and related plants.

Many patent medicines for stomach, kidneys and liver recommend drinking buttermilk to assist the action of the medicine. Then the cure was in the Buttermilk, not the medicine. Ask the Doctors.—Adv.

The Sunday Tribune of a recent date, devoted a whole page to the medicinal properties of Buttermilk.—Adv.

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For some types of full figure, this new Self-Reducing corset is even better than the best of former Nemo Models.

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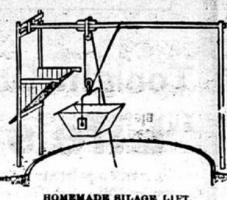
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A Perfect Corset—A Wonderful Value O'LEARY-BOWSER CO. Bemidji, Minn.

Methods of Handling Silage. The Nebraska experiment station advises several conveniences in handling feed from upright, pit and partial pit silos. A handy and easily constructed convenience is the silage cart. Any farmer with saw, hammer, nails and



HOMEMADE SILAGE CART.

lumber can construct one of these carts. The wheels used may be plow wheels or other small wheels. In constructing the cart the capacity should be considered. It should be borne in mind that home silage weighs about 18 1/2 pounds the cubic foot. When considerable outside feeding is done a swing track is oftentimes used in the west. This makes it possible to distribute feed in a radius of considerable circle. Some farmers use a stationary track. Where twin silos are used and it is necessary to carry feed to any distance a U shaped chute inclining downward toward the wagon and occupying the space between the silos is used. The sides of this chute are angular like a V, but there is a flat bottom.

Ten Weeks In Bed—Eminent Physicians Failed—Wonderful Recovery

I wish to inform you of the great benefit I have derived from the use of Swamp-Root. I have been a sufferer for more than twenty years from kidney and liver trouble and was almost constantly treated by the most eminent physicians who could only give me temporary relief. I had been in bed ten weeks when I began the use of Swamp-Root. Inside of twenty-four hours I could see that I had been greatly benefited. I continued to use Swamp-Root until I had used several bottles when I really felt that my old trouble was completely cured and I am positive that any person suffering with kidney or liver trouble can be cured by the use of this preparation.

I am now in the best of health, better than I have been for ten years or more. I do not know how to express myself as strongly as I desire, in favor of Dr. Kilmer's Swamp-Root, as I am sure that it saved my life and that my good health is due entirely to this great remedy. I heartily recommend it to every sufferer and am confident they can be benefited as I have been. It is a pleasure for me, gentlemen, to hand you this recommendation.

MRS. H. J. PRICE, 1406 Center St. Portsmouth, Ohio. Personally appeared before me this 13th of September, 1909, Mrs. H. J. Price, who subscribed the above statement and made oath that the same is true in substance and in fact.

R. A. CALVERT, Notary Public.

Letter to Dr. Kilmer & Co. Binghamton, N. Y.

Prove What Swamp-Root Will Do For You. Send ten cents to Dr. Kilmer & Co., Binghamton, N. Y., for a sample size bottle. It will convince anyone. You will also receive a booklet of valuable information, telling about the kidneys and bladder. When writing, be sure and mention the Bemidji Daily Pioneer. Regular fifty-cent and one-dollar size bottles for sale at all drug stores.

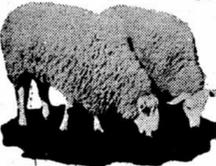
Making the Little Farm Pay

By C. C. BOWSFIELD

General progress toward a more satisfactory condition of commercial farming is noted. Small farms and a higher rate of production are the order of the day. Perhaps there is a greater advancement in the development of money making vegetable crops than in any other line of agriculture. However, it is a time of progress in all branches of agriculture, and if the gardeners who supply the urgent wants of a city market keep pace with the larger farmers they will have something to boast of.

It is little enough to claim that many owners of small tracts of land have in the last two or three years learned much that is to their advantage. They have not only found out how to produce larger crops, but they have learned to raise those products for profit. There is ample encouragement for farmers in the rapid growth of towns, the incessant demand for household supplies and the high level of prices reached, which seems to be permanent.

It is only within a very few years that conditions have become so favorable to truck growers. It not only takes a fair range of prices to make commercial gardening pay, but there must be a steady market demand



SHEEP ARE NECESSARY TO UTILIZE FERTILITY.

which is fully equal to the productive capacity of the land devoted to this class of enterprise.

There has never been a time in two years when choice products failed to find appreciative buyers at profitable rates. The outlook is favorable from every standpoint, but more especially so for the gardener who uses skill and energy in producing a long line of choice edibles from early spring until late fall. Skillful methods make the season of production extend over as many months as possible, and this is the way to gain the highest results from small tracts of land.

Owners of small farms naturally contemplate fruit and poultry as well as vegetables, and there has to be at least one cow and one horse. Some pork also can be produced on the smallest of places.

A little farm thus organized should return a gross income of \$200 an acre, and, with an energetic family, the amount paid out for the labor should not amount to more than \$400 a year.

A ten acre farm can maintain a poultry plant that will pay \$300 a year, two cows that earn \$250 a year, ten hens returning \$150, twelve sheep paying \$100, trees and bush fruits amounting to \$500 and vegetables worth \$1,000, a total of \$2,300, besides more than one-half of the table supplies of the family. The deduction for labor, millstuffs, repairs and other items of expense need not be more than \$700. This would leave \$1,600 for family use and saving.

Land needs to be handled in a way that will give good results. Asparagus, beets, lettuce, cabbage and small fruits can be grown between the rows of trees in an orchard without detriment to either trees or vegetables. This is a good way to make land profitable while trees are coming to maturity. Strawberries are also well adapted to orchard growth. All these things require an amount of light cultivation, mostly by hand, which is good for fruit trees.

Where there is a market convenient it is considered more profitable to grow strawberries in the young orchard than any other crop, as they come into full profit in about fourteen months after planting, and the turning of them under every two or three years adds much organic matter to the soil, which is in every way quite beneficial to the young orchard. But whatever kind of crop is grown in the orchard ample space must be left on each side of the rows of trees to admit of unrestricted cultivation, as young trees cannot thrive in a hard, sun baked soil, and they must not be injured by the implements.

In countries where economy in farm management has been studied a long time the sheep is considered to be necessary in utilizing vegetation on such waste lands as are not wet or marshy. The sheep can hold its place on high priced land as a meat producer alone. Compared with the larger animals it has some important advantages. The lambs mature rapidly, being marketable at four months of age or later, according to breeding and feeding. This is an economy because a larger proportion of the total feed goes into increase of weight than in slower growing animals.

Sheep consume a greater variety of plants than do other animals. Many of these plants are detrimental to pastures and would otherwise require hand labor to hold them in check. Grain wasted in harvesting can be entirely recovered by sheep.

Let's go to a real dance. Where? City Hall. When? January 14, 1915. What time? 9:15. What music? Remfrey's orchestra. How much? 75c. Who's giving it? Edwin J. Simons and Delbert Elletson. Sure we'll go.—Adv.

A New Jersey inventor has perfected a wireless aerial of much capacity but great compactness by winding wire spirally around strands of an insulated material.

SPORT NEWS

BY HAL SHERIDAN (Written for United Press)

Organized baseball is still waging war on the Federals. This was plainly evidenced by the trading of Sherwood Magee by the Phillies to the Braves. The Phillies were not very anxious to lose Magee and it is doubtful if Boss Stallings of the World's Champions, could offer enough men in exchange to make the Phillies' management make the trade just for the trade's sake. But Magee was about ready to hop to the Feds and the Phillies decided to trade him in the war on the "Outlaws" by trading the star outfielder to the Braves. It was pretty certain that Magee wouldn't jump from the World's Champions to the Feds.

The National League moguls—and their American brothers too—profess to be ignoring the Gilmore organization. But when they make deals like the Magee swap—an out and out war move—it is pretty certain that Organized Baseball is worrying a little.

Magee will come in mighty handy up Bostonway at that. Stallings has need of a star gardener of the brand of the Phillie crack. Magee is a terrific hitter against either right or left hand pitching. All last season Stallings had to juggle his out-

field around. He had fair hitters against left hand pitchers who were weak against right handers and others vice versa. He did not have a real slugger in the outer garden. Magee is pretty certain of a regular berth with the Champions.

Americans who were worried for fear the ranking committees of the National Lawn Tennis association did not act rightly in putting Maurice McLoughlin above Norris Williams as the country's greatest player, can rest easily. Our English brethren also pick McLoughlin. "The Field," a London sporting publication, declared in a recent issue that the Californian is the greatest tennis player of all time. Williams' one victory over him does not entitle him to first honors, it was stated.

Best Cough Medicine for Children.

"I am very glad to say a few words in praise of Chamberlain's Cough Remedy," writes Mrs. Lida Dewey, Milwaukee, Wis. "I have used it for years both for my children and myself and it never fails to relieve and cure a cough or cold. No family with children should be without it as it gives almost immediate relief in cases of croup." Chamberlain's Cough Remedy is pleasant and safe to take, which is of great importance when a medicine must be given to young children. For sale by All Dealers.

The best medicine in the world. Pasteurized Bottled Buttermilk. Hear the horn blow or phone 355. Banker—Adv.

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He Developed a Fine Physique

TRY THESE

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Baked Tomatoes.

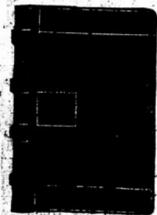
Have ready a quart of canned tomatoes, one cup of fine stale bread crumbs and one cup of chopped pecan nut meats. Stir one-fourth cup of melted butter through the bread crumbs. Put layer of tomatoes in an au gratin dish, sprinkle lightly with salt and pepper, then with the buttered crumbs and the chopped nuts. Continue the layers until all are used, having the last layer of nuts then crumbs. Bake about 30 minutes.

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