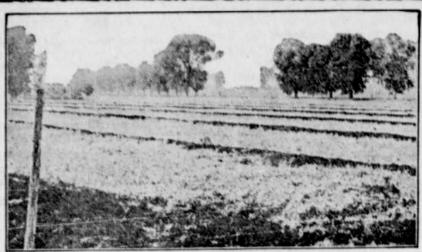
## ALFALFA-SEED PEST RESEMBLES THE GNAT



Alfalfa Seed Field With Check Ridges and Fence Lines Burned Over to Destroy Hibernating Larvae of the Chalcis-Fly.

advanced for oviposition.

pods and the chalcis-flies.

the warm weather arrives.

cleared product in new fields.

Easy to Make Good Butter.

The buttermaker should realize

the spring.

fore the seed crop is grown.

This cutting should be done with

It is sometimes necessary to have

two or more irrigation ditches run-

to cut the alfalfa between them. In

Winter Cultivation.

seed crop many pods containing in-

fested seeds fall to the ground. Here

when the hibernating insects emerge,

cultivator, at some time late in the

cover such pods and will prevent the

emergence of most of the adults when

Destroying the Screenings.

great mass of screenings which is left

frequently contains large numbers of

seeds infested with hibernating larvae.

ings, is placed in a compost pile for

After the alfalfa is thrashed the

the process of harvesting the

the harvesting of each hay crop, be-

(Prepared by the United States Depart- | the regular seed fields are sufficiently

The alfalfa-seed destroyer, known as the chalcis-fly, does its destructive work in clover or alfalfa seeds, from the Gulf coast to the northern limits of the United States, according to the United States department of agriculture's specialist who has personally seen the widespread devastation of this pest. By harvesting severely infested crops, by cleaning fence lines and ditch banks, and by winter cultivation the grower of alfalfa seed may help to control this insect. A new Farmers' Bulletin, (No. 636) entitled "The Chalcis-Fly in Alfalfa Seed." gives the details of these methods of control, and may be had free of charge on application to the depart-

The chalcis-fly under the microscope is a formidable-looking insect but when seen in the field it is frequently confused with the gnat. These pests may be seen in great numbers flying over alfalfa-seed shocks and swarming over the sickle bar when the alfalfa is being cut. The eggs are so small as to be invisible to the naked eye and are deposited through the soft, green seed pods directly into the soft seeds when the pods are about half-grown, Immediately upon becoming a fly, the insect eats its way out through the shells of the infested seeds, then through the green pods. Large portions of the seeds are hollowed out in this manner, when they are still green and growing.

The infected seeds which still contain the living larvae of the insect may be recognized by their abnormal shape and usually by the dull brown color. Some of the infested seeds, however, retain their natural color, but they always lack the glossy appearance of normal seeds. The extent to which alfalfa seed is damaged by the fly is not generally apparent. owing to the minuteness of the insect and because its destructive work is accomplished within the growing seeds. The alfalfa-seed grower can **Old Lady** Number

LOUISE FORSSLUND

Author of The Story of Sarah"
The Ship of Dreams"
Etc.

CHAPTER XVI-Continued.

The keeper went into the office with a somewhat hurried "Good-night," and soon Abe found himself alone again, the light in the kitchen beyond, no sound in the room save that of the booming of the surf, the rattling of the windows, and now and again the ning parallel, making it impracticable fall of a clinker in the stove.

The old man was surprised to find such cases it is economy to fence that he could not fall back into that the ditches and use this land as a blissful slumber again. Not sleeping, small summer pasture, thus prevent he had to think. He thought and ing the development of alfalfa seed thought-sober night thoughts-while the oysters "laid like a log in his stummick" and the coffee seemed to stir his brain to greater activity.

"Suppose," said the intoxicated "another big storm should brain. they remain until the following spring swoop down upon you and the bay should break up, and you and Samuel although cultivation with an alfalfa should be imprisoned on the beach for two or three months with a handful fall or in early winter, will sufficiently of men-folks!"

"Moo! Moo!" roared the breakers on the shore. "Serve you right for finding fault with the sisters!"

Come to think of it, if he had not been so ungracious of Miss Abigail's concern for him, he would now be in possession of a hop pillow to lull him back to sleep. Well, he had made his If the chaff, together with the screen- bed, and he would have to lie on it, although it was a hard old carpet-covthree or four months, so that it will ered lounge. Having no hop pillow, become heated and decay, most of the he would count sheep-

insect life will be destroyed. Unless One sheep going over the fence, two it is possible to treat the screenings sheep, three- How tired he was! in this manner they should be burned How his bones ached! It's no use before the growing season opens in talking, you can't make an old dog do the tricks of his puppy days. What Many of the alfalfa seed pods an idiot he had been to climb that along check ridges and fence lines practise-mast! If he had fallen and may be destroyed by burning off the broken his leg?

weeds and alfalfa. This should be Four sheep. Maybe he was too old done either in the fall or early spring. for gallivanting, after all. Maybe he In purchasing alfalfa seed, farmers was too old for anything except just the bay. As he stepped into the should insist upon having seed which to be "mollycoddled" by thoughtful has been well cleaned after thrash old ladies. Now, be honest with youring and should never plant the un- self, Abe. Did you enjoy yourself today-no, yesterday? Did you? Well, yes and-no! Now, if Angy had been along!

Angy! That was why he could not that it is just as easy to make good go to sleep! He had forgotten to kiss him more on account of that neglect? surface of the bay. Pshaw! What nonsense! Angy knew was apt to give him rheumatism to bend down so far as her sweet old

He turned to the wall at the side of the narrow lounge, to the emptiness where her pillow should be. "Goodnight, mother," he muttered huskily. Mother did not answer for the first time in nights beyond the counting. Mother would not be there to answer for at least six nights to come. A week, thought this old man, as the other old man had reflected a few hours before, is a long time when one has passed his threescore years and of a path through the pines, found ten, and with each day sees the shad- himself on the home shore scarcely ows growing longer.

Abraham put out his hard timewhen first he had actually touched her flakes. pillow to convince himself that she happy to believe that his youth's was growing childish if he should call be home! her "dearest" now.

Smiling to himself, he concluded that he would try the effect of the ten- solid, dry land. The cure of a "kicker" is a difficult der term when he reached home again. tion. One of the common appliances night, father." Father turned his I had ter quit him an' come back." used is to swing a bale of straw be back on the empty wall, praying with him, it would be after he had said after she had said "Good-night, fawake somewhere, somehow, together with God, saying, "Good-morning, and sore back. mother," "Good-morning, father!" And "Fair is the day!"

CHAPTER XVII.

The Deserter.

At dawn the station was wide awake and everybody out of bed. Samuel crept downstairs in his stocking feet, for a few moments one of those dehis boots in his hand, his eyes heavy with sleeplessness, and his wig awry. made any progress at all if he had He shivered as he drew close to the not known that at home, no matter if

upon it.

The sunrise patrol from the east, who had just returned, made reply that he had met Captain Abe walking along the surf to get up an appetite for his griddlecakes and salt pork. Samuel sat down suddenly on the lounge and opened his mouth.

"Didn't he have enough exercise yist'day, for marcy's sake! Put' nigh killed me. I was that tired las' night I couldn't sleep a wink. I declar', of 'twan't fer that fool newspaper aomin' out ternight I'd go home terday. Yer a-gwine acrost, hain't yer,

Havens laughed in response. Samiel glowered at him.

"I want home comforts back," he what it used ter be. Goin' on a picnic with Abe Rose is like settin' yer teeth into a cast-iron stove lid covered with a thin layer o' puddin'. I'm a-goin' home."

The keeper assured him that no one would attempt to detain him if he found the station uncomfortable, and that if he preferred to leave Abraham behind the whole force would take pleasure in entertaining the more active old man.

"That old feller bates a phonograph," affirmed the Irishman. "It's good ter hear that he'll be left anyhow for comp'ny with this storm acomin' up.

Samuel rushed to the window, for upstairs the panes had been too frosty for him to see out. A storm coming up? The beach did look gray and desolate, dun-colored in the dull light of the early day, with the winter-killed grass and the stunted green growth of cedar and holly and pine only making splotches of darkness under a gray sky which was filled with scurrying clouds. The wind, too, had risen during the night, and the increased roar of the surf was telling of foul weather

A storm threatening! And the pleasant prospect of being shut in at the beach with the cast-iron Abraham and these husky life-savers for the remainder of the winter! No doubt Abe would insist upon helping the men with the double duties imposed by thick weather, and drag Samuel out on patrol.

"When dew yew start, Havens?" demanded Samuel in shaking tones. "Le's get off afore Abe gits back an' tries ter hold me. He seems ter be so plagued stuck on the life over here. he'll think I must be tew.'

But, though Havens had to wait for the return of the man who had gone off duty yesterday morning, still Abe had not put in an appearance when Samuel and the life saver trudged down the trail through the woods of scooter Samuel's conscience at last began to prick him.

"Yew sure the men will look arter the old fellow well an' not let him overdew?"

But the whizz of the flight had already begun and the scooter's nose was set toward Twin Coves, her sail only estimate the percentage of his butter as it is to make poor butter. her good-by! Wonder if she had no skimming swiftly with the ring of the crop destroyed by opening a large. The main secret is to keep the milk ticed it? Wonder if she had missed steel against the ice over the shining

> "Law, yes," Samuel eased his conhe wa'n't no hand at kissin', and it science; "of course they will. They couldn't hurt him, anyhow. I never seen anybody take so kindly ter hardenin' as that air Abe."

CHAPTER XVIII.

Samuel's Welcome.

The shore at Twin Coves was a somewhat lonely spot, owing to stretches of marshland and a sweep of pine wood that reached almost to the edge of the water.

Samuel, however, having indicated that he wished to be landed at the foot ten minutes after he had left Bleak Hill-Havens already speeding toward shrunken hand and touched in thought his home some miles to the eastward, his wife's pillow, as if to persuade the bay seemingly deserted except for himself that she was really there in his sail, a high wind blowing, and the her place beside him. He remembered snow beginning to fall in scattered

Samuel picked up his grip, trudged was really there, too awed and too through the heavy sand of the narrow beach, and entered the sweetdream had come true; and he remem- smelling pine wood. He was stiff with This is an exceedingly important mat hand had crept along the linen until feet alone were hot-burning hot with ter. A good way to test it is to dis it cupped itself around her cheek; and chilblains. Away down in his heart he solve some in hot water. If the salt he had felt the cheek grow hot with was uneasy lest some harm should has a bad flavor it will be easily de blushes in the darkness. She had not come to Abe and the old man be seen in the bottom of the vessel. A "dearest!" Would she think that he the beach. But, oh, wasn't he glad to

> His house was still half a mile away; but he was once more on good,

"I'll tell Blossy haow that air Abe task. There are many remedies ad He drew his hand back, whispering Rose behaved," he reassured himself. when he pictured his wife's astonished and perhaps reproachful greetin her soft, reassuring tone, "Good- ing, "an' then she won't wonder that

He recollected that Angy would be hind the horse, so that he may kick a sudden rush of passionate love that there, and hoped fervently that she until he is tired, without doing injury when the last call should come for might not prove so strenuous a charge as Abraham. Moreover, he hoped that "Good-night, mother," to Angy and she would not so absorb Blossy's attention as to preclude a wifely ministher," to him, and that they might tering to his aching feet and the appli- original owners. Fifteen states sent cation of "St. Jerushy He" to his lame commissioners to Paris to claim their

The torture of the feet and back made walking harder, too, than he had believed possible with the prospect of relief so near. As he limped along he The gallery was left with only 270 picagain and set down the carpetbag, sometimes to rub his back, sometimes by gift or purchase. to seat himself on a stump and nurse mon-possessed feet. Could he have

empty and his blankets neatly folded action, to force him to prove himself not the superior, in masculine strength?

Abe had led him that chase over at the station, Samuel was convinced, "a-purpose" to punish him for having so soundly berated him when he lay folks."

Samuel hobbled onward, his brow knit with angry resentment. Did ever a half-mile seem so long, and had he turbance of these functions actually been only twenty-three hours from home and Blossy? Oh, oh! his back and his feet! Oh, the weight of trial of that bag! How much he needed sleep! How good it would be to have Blossy tuck him under the covers, and give vowed sullenly. "The beach hain't him a hot lemonade with a stick of ginger in it!

If only he had hold of Abe Rose now to tell him his opinion of him! Well, he reflected, you have to summer and winter with a person before you can It is a tonic, appetizer and know them. This one December day strength maker of well known and night with Abe had been equal to the revelations of a dozen seasons. The next time Samuel tried to do good to anybody more than sixty-five, he'd know it. The next time he was persuaded into leaving his wife for over night, he'd know that, too. Various manuals for the young husband, which he had consulted, to the contrary notwithstanding, the place for a married man was at home.

Samuel sat down on a fallen tree which marked the half-way point between his place and the bay. The last half of the journey would seem shorter, and, at the end, there would be Blossy smiling a welcome, for he never doubted but that Blossy would be glad to see him. She thought a good deal of him, nor had she been especially anxious for that week of eparation.

His face smoothed its troubled frowns into a look of shining anticipation-the look that Samuel's face had worn when first he ushered Blossy into his tidy little home and murmured

"Mie' Darby, you're master o' the vessel naow; I'm jest fo'castle hand." Forgetting all his aches, his pains, his resentments, Samuel took a peppermint lozenge out of his pocket, rolled it under his tongue, and walked on. Presently, as he saw the light of the clearing through the trees, he broke into a run-an old man's trotthus proving conclusively that his worry of lumbago and chilblains had been merely a wrongly diagnosed case of homesickness

He grinned as he pictured Abe's dismay on returning to the station to find him gone. Still, he reflected, maybe Abe would have a better time alone with the young fellows; he had grown so plagued young himself all of a sudden. Samuel surely need not worry about him.

More and more good-natured grew Samuel's face, until a sociable rabbit, peeping at him from behind a bush, decided to run a race with the old gentleman, and hopped fearlessly out into the open.

(TO BE CONTINUED.)

MADE UP OF SMALL THINGS life: "My ideal is every day to spread

Even the Most Insignificant Words and Acts May Be Productive of Joy or the Reverse.

A wild bird's song is a little thing lost in the deeps of a frowning sky. And yet as it falls on a listening ear and leaves its message of melody earth's green seems brighter and life is sweeter, all through an autumn day. The coo of a babe is a little thingmeaningless sound from a vacant

mind. But 'tis the only sound that all nations heed; the one clear language all races know.

A mother's love is a little thing-too soon, alas, forgot. But it typifies to blind humankind the love and trust and hope divine

that bear with patience calm and sweet the wilful wrongs in these lives of ours. A passing smile is a little thing-

lost in a world of toil and care. And yet the soul with gloom op pressed and the life grown wearied with burdens hard will happier be in the after-glow of a smile that is warmly kind.

A kindly word is a little thing-a breath that goes and a sound that dies.

But the heart that gives and the heart that hears may know that it sings and sings and sings till at last it blends with the wild bird's song. and the coo of babes in what men call the celestial choir.-Utica Saturday Globe.

Recovered Napoleon's "Loot." Perugia, who stole the Mona Lisa, is not the first who for patriotic reasons has despolled the Louvre-the great picture gallery of Paris, which acquired the majority of its treasures trial and also the Sanative Wash. I have by "patriotic" plundering. In 1815, after the fall of Napoleon, the allied powers of Europe gave orders that the they have done for me. art treasures carried off by the conqueror should be restored to their property, and more than 2,000 pictures were taken from the Louvre, together with almost innumerable statues, ornaments, knickknacks, and so forth. was forced to pause every now and tures and had to be closed for a while until the vacant spaces could be filled

> Limiting His Credulity. "Do you believe that George Wash ington chopped the cherry tree?"

"Yes," replied Mr. Growcher; "I'm might Abe be. Abe's lounge was ing, to spur him on to unwelcome they don't put it in a party platform."

## out of sheer self-respect the equal, if Give Yourself a fair Chance

The thrill of health and vigabed. That was all the thanks you or can only be experienced ever got for doing things for "some when the digestion is normal, the liver active and the bowels regular. Any disshould suggest an immediate

## HOSTETTER'S STOMACH BITTERS

ability, and will help Nature restore health and vigor to the entire digestive system.



Best Household Gods.

The man of high descent may love the halls and lands of his inheritance as a part of himself, as trophies of his birth and power; the poor man's attachment to the tenement he holds, which strangers have held before and may tomorrow occupy again, has a worthier root, stuck deep into a purer soil. His household gods are of flesh and blood, with no alloy of silver, gold or precious stones.-Charles Dickens.

YOUR OWN DRUGGIST WILL TELL YOU Fry Murine Eye Remedy for Red, Weak, Watery Eyes and Granulated Eyelids; No Smarting— just Eye Comfort. Write for Book of the Eye by mail Free. Murine Eye Remedy Co., Chicago.

Almost Perfect Ideal.

A faithful friend of all that is best, a brave sufferer from incurable burdens, in a private letter sends this confession, which we commend to those more favored of circumstances, less consecrated in the center-stances of a little truth, a little kindness, a little beauty, but alas, how often I fail!"

Dr. Pierce's Pleasant Pellets regulate and invigorate stomach, liver and bowels. Sugar-coated, tiny granules, easy to take as candy.

When You Give Castor Oil. Pour the oil into a pan over a moderate fire, break an egg into it, and stir it up. When thoroughly mixed, flavor with a little salt, sugar or cur-

rant jelly.

## MRS. WILLIAMS' LONG SICKNESS

Yields To Lydia E. Pinkham's Vegetable Compound.

Elkhart, Ind :- "I suffered for fourteen years from organic inflammation. female weakness, pain and irregulari-



creased by walking or standing on my feet and I had such awful bearing down feelings, was depressed in spirits and became thin and pale with dull, heavy eyes. I had six doctors from whom I received only tempo-

rary relief. I decided to give Lydia E. Pinkham's Vegetable Compound a fair now used the remedies for four months and cannot express my thanks for what "If these lines will be of any benefit

you have my permission to publish them."—Mrs. SADIE WILLIAMS, 455 James Street, Elkhart, Indiana.

Lydia E. Pinkham's Vegetable Compound, made from native roots and herbs, contains no narcotic or harmful drugs, and to-day holds the record of being the most successful remedy for female ills we know of, and thousands of voluntary testimonials on file in the Pinkham laboratory at Lynn, Mass., seem to prove this fact.

If you have the slightest doubt that Lydia E. Pinkham's Vegeta-ble Compound will help you, write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass., for ad-vice. Your letter will be opened, read and answered by a woman, and held in strict confidence.



number of the seed pods and observ- utensils clean. Use only good salt bered now how his gentle, strong cold after the rough, swift voyage; his chalcis-flies that the grower considers | tected. Sometimes a sediment will be been "mother" then; she had been caught in the approaching storm on it of insufficient value to be harvested

and simply drives in a herd of cows bad odor in butter many times is to pasture the crop. With regard to the control of the chalcis-fly for the protection of future seed production, this is a costly mistake. Obervations show that many of the pods burst open, while others are trampled to the ground. Here great numbers of ineffectual. It may arise from vice, Then he fancied he could hear her say infested seeds offer favorable conditions for the hibernation of the chalcis-fly larvae. These, as mature flies, will infest the seed crops the following spring. Under such circumstances the crop should be mowed, removed to himself. The bale will swing to from the field, and staked. It may then be used as rough fodder; and

will be destroyed. Cleaning Fence Lines and Ditch Banks. The following facts emphasize the importance of cutting the alfalfa along

early spring the hibernating larvae

ditch banks and fence lines, as well as in the fields: 1. The earliest seed pods are found to develop on the isolated and vigor-

ous growing plants found in such places. 2. The earliest pods have an espec-

ially large percentage of the seeds infested with chalcis-fly larvae. 3. The chalcis-fly larvae are able

caused by the use of poor salt.

The Kicking Horse. vised, but even the best is sometimes once more, "Good-night, mother." or from excessively nervous disposiand fro, and irritate to the point of persuasion that there are more profit if the remaining straw is burned in able vices than kicking.

Sort the Apples.

If apples in the bin or storage cellar are assorted occasionally and the rotten and speckled apples thrown out, it will lessen the number of disease spores among the good apples and check decay. These spores are produced from a fungus which produces rot.

Clean Milk and Butter.

It is impossible to produce clean milk in dirty surroundings, and equally impossible to produce good butter fire, and asked in one breath for a there was company, there would at willing to believe anything they tell to pass completely through the first where the milk has been exposed to prescription for chilbiains and where least be no Abe Rose to keep him go me about American politics, provided generation in the earliest pods before | miscellaneous cdors.