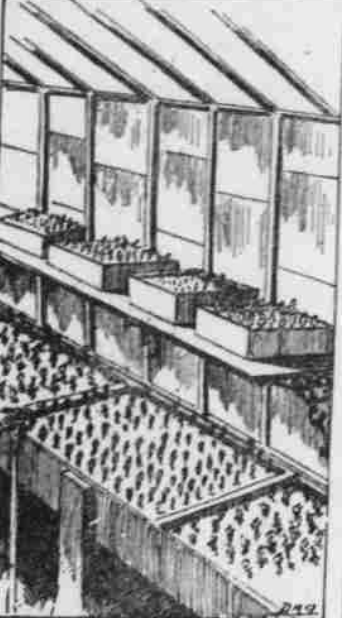


Farm and Garden

A WOMAN'S CELERY FARM.

A Crop That Yields Good Returns Near a City.

Miss Helen L. Bailey writes interestingly of her experience in raising celery for the early New York market. My home is twenty miles up the state and convenient to the railroad. All told I have less than three acres of land, and when I started to earn my living there was a mortgage on the place and less than \$100 in my pocket. Celery has paid the mortgage on my home, has put money in the bank for me and has enabled me to educate a nephew and niece. My average crop of celery is 50,000 heads, and the average price is 40 cents a dozen. For



PLANTS IN BOXES.

extra large heads I receive 60 cents a dozen. There isn't a month in the year when celery is not in demand in New York city, so there can be no doubt about getting good prices, provided the celery is up to the mark. To raise celery to be marketed in June my work begins in January. The first step is to get good celery seed and sow it in boxes in a greenhouse. Under normal conditions it will require three weeks for celery seed to come up, though there have been occasions when I have forced it up within eight days, and the result was in every way satisfactory. As soon as the two little leaves appear on the plants the process of "pricking" begins and drags through February and March. As regards the greenhouse, I would advise plenty of moisture and air, but not too much heat. At whatever temperature you begin always be careful to keep it from the time the seeds go in the ground until the plants are taken out to be set in the fields. When I have had occasion to force my seeds I have carried the forcing process straight on until the plants were ready to set out. As a rule, I put my seed in with the thermometer in the eighties and keep that temperature right straight through. In April, as soon as the ground is warm enough to plow, the out of door work begins. After the ground is thoroughly plowed the fertilizer must be sown, and with a rake and harrow the surface must be made to look as smooth as velvet. The young plants are then taken from the greenhouse, not



PLANTS BOARDED UP.

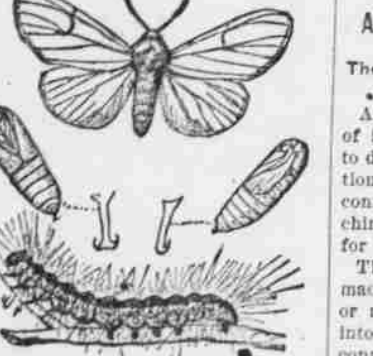
too many at a time, and set out. After the setting out the raking begins and then the fight against weeds. If there is any place where weeds grow faster than in a celery patch, I have never seen it. Of course it is because there is always so much more moisture in a celery patch than on land where other vegetables are grown. If the weeds ever get a start in a celery patch, the only thing to do is to pull them up by hand and haul to a pile and burn. If weeds don't grow on the ground, it is no use to plant celery. Along about the first of June I begin to board the tallest of my celery. Boarding celery means the placing of banking earth around it. In June it is impossible to bank celery with anything like satisfactory results. Even the boards will sometimes rot it before the blanching is begun. For this purpose I use ten inch boards ten feet long. These are carried into the patch and laid between the rows. Once the boards are in position only a few minutes are required to finish the process, and, as a rule, I do that part of the work myself. The boards are kept together by a wire loop caught across the two boards on opposite sides of the rows of celery at each end of the boards. This is done over the entire patch until nothing of the celery is visible but the green tops showing above the boards. Four or five days after boarding the celery is ready to ship. Though the shipping time means extra hard work, I always enjoy it, not only because it comes at a time of the year when I enjoy being out of doors, but because it brings money re-

turns. You get the fruits of your five months' labor, and if you have kept up with the market you can calculate within a fraction of a cent what each shipment will bring you. The wire hooks are jerked off the boards and the tall bleached stalks of celery pulled up bunch by bunch. A few strokes of a sharp knife, and the roots, with the few unsightly outer stalks, drop off, and the transformed plant is laid into the baskets to be taken to the washing and packing shed. This final process should be done in fresh cold water, and the celery should be washed and picked over until each bunch looks as white and glossy as ivory. It is then put a dozen bunches at a time into a wooden form and tied with tape the color preferred by the grower into a square, compact bundle. All excess top is trimmed away, and the bundles are then packed while dripping wet with fresh cold water into paper lined crates. I use solid celery as low as 20 cents a dozen and as high as \$1. The first price hardly pays, while the latter gives enormous profits from the farmer's standpoint. In the New York market a grower can count on getting 40 cents a dozen for good celery and 60 cents a dozen for all extras. That gives a good living profit and has advantage of being sure. After paying all bills for labor, fertilizer, rent on land, water, and other expenses into my own pocket and its only matter of form, the year and ten on the greenhouse, garden tools and the boards I always count on having \$1,000 a year from my little patch of ground.

SHADE TREE PESTS.

The Despoilers of Some of Our Favorite Shade Trees.

The nests of the fall webworm are forming unsightly white blotches on the rich green foliage of our shade trees. They are most frequently found on the elm, hickory, ash, apple and plum, but occur only less commonly on many other sorts of deciduous trees. The insect that constructs these webs



THE FALL WEBWORM.

passes the winter as a dark brown helpless creature, entirely unlike either the "worm" from which it came or the moth into which it transforms. This dark brown pupa, incased in a thin cocoon of silk intermixed with hair, is stored away in some crack or crevice, under rubbish or even in the ground itself. In April or May the nearly or quite white moth emerges from the cocoon, flies into the trees and in some cases deposits as many as 500 eggs. These eggs are set close together on one leaf, forming a shagreened and covering an irregular patch on the surface. The larvae, hatching, construct a tiny web under which they feed. As they increase in size more and more foliage is included in their web until they may exceed three feet in diameter. When the caterpillars become fully grown they crawl down the trees and seek out hiding places, as already described, in which to transform and lie during their helpless stage. From the cocoons thus formed, in late July or early August, the second brood of moths emerges and deposits its eggs on the leaves for the second brood of "worms." This brood on reaching maturity forms the cocoons in which it passes the winter.

Ordinarily certain two and four winged flies parasitize a sufficient percent of the caterpillars to prevent them from seriously threatening the life of any well grown tree, but this parasitism is rarely sufficient to prevent the formation of some webs. The property owner who values the beauty of his shade trees cannot afford to depend on natural enemies, but must resort to artificial measures. If the nests are within reach, the simplest method is to wipe them out of the trees and crush their contents. If they are beyond reach, they must be destroyed in any one of three ways: they may be burned out by means of a long handled torch; they may be cut away with pruning shears and their contents crushed or burned; their occupants may be poisoned by thoroughly spraying the foliage immediately about the nest with arsenate of lead at the rate of three pounds to fifty gallons of water. Paris green mixed with twice its weight of unslaked lime and used at the rate of six ounces to fifty gallons of water may be substituted for the arsenate of lead, but does not stick to the foliage so well.

GARDEN NOTES.

Some Late Summer Work Apt to Be Neglected.

The most important point now in the culture of good vegetables of any kind is to see that they keep growing freely. Good quality is always absent from vegetables that are stunted and grow slowly during hot weather. They are tough and stringy instead of tender when cooked, while salads are never crisp and nice under the circumstances. One of the plants that need a great deal of water is celery. The young plants should now be growing freely, and happy is the grower who has a good water supply and can run the hose into the trenches at will and keep the roots always moist. Celery, with the roots in a cool, moist soil, is independent of the weather, and, no matter how hot the sun, it will grow rapidly. The leaves soon spreading out and forming a fine shade for the roots. Where this convenience is not at hand and watering by hand has to be resorted to, the job is herculean if much celery is grown, but it must be attended to until the plants are strong enough to take care of themselves. The grower who sees plenty of dejected "mature" in his trenches, as we advise, will be reaping the benefit

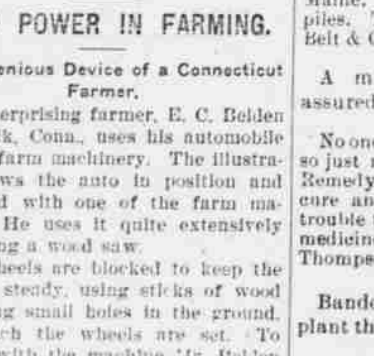
now in the healthy, strong growth of the plants. Potatoes need a lot of cultivating now, and until finally banked up they must be kept hoed frequently. The potato bug is never so destructive in plots well cultivated, though of course spraying should be followed up for these and for ring-necked diseases. As the early rows are lifted, late cabbage and coleworts may be planted or, in localities favorable for their growth, Savoy cabbages and the various kinds of winter use. There is still time even for leeks, though those transplanted now will not be so large as those put out earlier. They will, however, be very useful for soups and flavoring. Where good lettuce are desired, thin the rows early and again when the thinnings are large enough for use. They will not do so well now transplanted unless very carefully looked after, and it is best to sow thinly where they have to stand, preferably in a shaded or partially shaded border. Late tomatoes are having a good time, the warm dry weather suiting them well if the plants are kept right at the roots and well cultivated. The early plants are getting well set with fruit, and as this begins to swell freely the plants may be fed and watered a little more liberally. Keep a sharp lookout for the side shoots and pinch them out regularly, as they take the strength away from the flower and fruit clusters. As the stems grow secure them to stakes or wires, which, if not so contented, so they will not be blown about by high winds.

Cucumbers outside are beginning to fruit, and the vines must not suffer for lack of nutriment. Continue to pinch the points of the shoots of the young plants where they have not a sufficient number of vines, and as the fruits develop cut them when quite young. A few cucumbers left to go to seed will take more out of the vines than a large crop put as soon as ready. Where shallots are fully grown they may be pulled and laid in the sun to dry, but let them have another week or two if not ready. Continue to feed the onions as long as they are growing and draw out at once any attacked by maggot or mildew.

AUTO POWER IN FARMING.

The Ingenious Device of a Connecticut Farmer.

An enterprising farmer, E. C. Belden of Suffield, Conn., uses his automobile to drive farm machinery. The illustration shows the auto in position and connected with one of the farm machines. He uses it quite extensively for driving a wood saw.



AUTO POWER ON THE FARM.

The wheels are blocked to keep the machine steady, using sticks of wood or making small holes in the ground, into which the wheels are set. To connect with the machine Mr. Belden made an extension for the crank shaft. The extension has a flange with holes for cap screws, which are threaded into the hub of the balance wheel, the balance wheel being on the end of the crank shaft in this type of automobile. Other styles of autos might require different methods of connection. The machine as arranged makes a very convenient addition to the farm equipment, being available either for travel or for farm power or for a combination when work is to be done in locations some distance from the farm.

Most Useful Tree.

The carabana palm of Brazil is said to be the world's most useful tree. It gives to the people of that country everything from drugs to cattle feed. Its roots make a valuable medicine—a blood purifier. Its timber takes a high polish and is in demand by cabinet-makers. The sap becomes wine or vinegar, according to the way it is prepared, and sugar and starch may also be made from the sap. The fruit of the tree is used as cattle food, and a nut it bears is a fairly good substitute for coffee. From the pit of the tree corks are made.

THE VETERINARY.

A mixture of equal parts of licorice and ginger in the bog feed two or three times each day is recommended for the pig that coughs. A lump of coal tar placed well down the throat while the pig is held up on its feet is also good.

Cure For Caked Udder.

When a milk cow has caked udder it very often arises from lying upon something hard—concrete or a curb—and may cause trouble and annoyance to the dairyman. A cure, easy, simple and effective, is to take of poke root, freshly dug and chopped, one pint, boiling it in one quart of water until it is a well done mush. Apply as hot as possible thoroughly all over the swollen part after milking, as that is the surest and best time, when there is no heat.

To Prevent Lamb Colic.

After losing lambs for a number of years from colic, says a breeder, and not being able to find any cause by careful examination of the entrails I concluded the trouble was caused by the lamb getting too much milk, as it is always the largest and fattest that die. So I remove the flock at once to the poorest pasturage possible, and the trouble ceases at once. I also find by experience that if the flock is kept on the newly sown fields the lambs are not so apt to be affected.

Removal of Warts.

One ounce of acetate of lead dissolved in a quart of water and this applied to the growth will remove warts and other fungous growths in farm animals. Be careful that too much does not reach the tender skin around the wart.

Start the Separator Slowly.

Bring the machine gradually up to its normal speed, and then turn the milk in slowly until the valve is wide open. Keep a constantly uniform motion of the handle during the entire run. When all of the milk has passed from the supply can, one quart or so of the skim milk should be caught and poured through to flush out the cream that will remain in the bowl. Unless this is done some of the butter fat will adhere to the surfaces and a small amount remain in the center of the bowl, not being able to get out of the machine because there is no more milk flowing in to force it through. Pouring in the skim milk forces it all out. Warm water may be used for this purpose, but usually it is not so convenient.—E. H. W. United States Department of Agriculture.

Continuous Cropping.

It has been observed by S. Fraser of New York that mangels and sugar beets grown continuously on the same land for four years were much more susceptible to leaf spot than when grown in a rotation with other crops.

Foley's Kidney Remedy will cure any case of kidney or bladder trouble that is not beyond the reach of medicine. No medicine can do more. Stairin Drug Co., M. L. Thompson, Falls City.

She Likes Good Things.

Mrs. Chas. E. Smith, of West Franklin, Maine, says: "I like good things and have adopted Dr. King's New Life Pills as our family laxative medicine, because they are good and do their work without making a fuss about it." These painless purifiers sold at Belt & Cherrington's drug store. 25c.

The Grand Ronde valley apple crop may reach 300 carloads.

For Sore Feet.

"I have found Bucklen's Arnica Salve to be the proper thing to use for sore feet, as well as for healing burns, sores, cuts, and all manner of abrasions," writes Mr. W. Stone, of East Poland, Maine. It is the proper thing to use for piles. Try it! Sold under guarantee at Belt & Cherrington's drug store. 25c.

A Milk Condenser at Albany is Assured, says the Herald.

No one is immune from kidney trouble, so just remember that Foley's Kidney Remedy will stop the irregularities and cure any case of kidney or bladder trouble that is not beyond the reach of medicine. Stairin Drug Co., M. L. Thompson, Falls City.

Bandon is to have a new veneering plant that will employ 10 or 12 men.

How to Avoid Appendicitis

Most victims of appendicitis are those who are habitually constipated. Foley's Orino Laxative cures chronic constipation by stimulating the liver and bowels and restores the natural action of the bowels. Foley's Orino Laxative does not nauseate or gripe and is mild and pleasant to take. Refuse substitutes. Stairin Drug Co., M. L. Thompson, Falls City.

Nearly 1,000 farmers and dairymen are patronizing the condensers at Hillsboro and Forest Grove.

Attention, Asthma Sufferers!

Foley's Honey and Tar will give immediate relief to asthma sufferers and has cured many cases that had refused to yield to other treatment. Foley's Honey and Tar is the best remedy for coughs, colds and all throat and lung trouble. Contains no harmful drugs. Stairin Drug Co., M. L. Thompson, Falls City.

A Staton garden contains a sunflower that measures 16 inches across and several others nearly as large.

A Boon to Elderly People

Most elderly people have some kidney and bladder disorder that is both painful and dangerous. Foley's Kidney Remedy has proven a boon to many elderly people as it stimulates the urinary organs, corrects irregularities and tones up the whole system. Commence taking Foley's Kidney Remedy at once and be vigorous. Stairin Drug Co., M. L. Thompson, Falls City.

A peach 10 inches around, and many others, were picked from a tree only three years old near The Dalles.

Excellent Health Advice.

Mrs. M. M. Davison, of 379 Gifford Ave., San Jose, Cal., says: "The worth of Electric Bitters is both beyond remedy for headache, biliousness and torpor of the liver and bowels is so pronounced that I am prompted to say a word in its favor, for the benefit of those seeking relief from such afflictions. There is more health for the digestive organs in a bottle of Electric Bitters than in any other remedy I know of." Sold under guarantee at Belt & Cherrington's drug store. 35c.

Not a few farmers will grow enough alfalfa seed off their land in one season to pay for their perpetual water right.

Cured Hay Fever and Summer Cold

A. S. Nushbaum, Batesville, Indiana, writes: "Last year I suffered for three months with a summer cold so distressing that it interfered with my business. I had many of the symptoms of hay fever, and a doctor's prescription did not reach my case, and I took several medicines which seemed only to aggravate it. Finally I installed myself on having Foley's Honey and Tar, and it quickly cured me. My wife has since used Foley's Honey and Tar with the same success." Stairin Drug Co., M. L. Thompson, Falls City.

An enormous run of herring, evidently of the same variety we are accustomed to see smoked, is coming in to Alaska by this season.

Why James Lee Got Well.

Everybody in Zanesville, O., knows Mrs. Mary Lee, of rural route 8. She writes: "My husband, James Lee, who firmly believes he owes his life to the use of Dr. King's New Discovery. My lungs were so severely affected that consumption seemed inevitable, when a friend recommended New Discovery. We tried it, and its use has restored me to perfect health." Dr. King's New Discovery is the King of throat and lung remedies. For coughs and colds it has no equal. The first dose gives relief. Try it! Sold under guarantee at Belt & Cherrington's drug store. 50c and \$1.00. Trial bottle free.

How's This!

We offer One Hundred Dollars Reward for anyone who can furnish information as to the whereabouts of F. J. CILLEY & CO., Props., Toledo, O. We the undersigned, have known F. J. CILLEY for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

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Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75c. per bottle. Sold by all Druggists. Testimonials Free.

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Can't mean anything else.

Your grocer returns your money if you don't like the Schilling's Best, we pay him.

The Publisher's Claims Sustained

UNITED STATES COURT OF CLAIMS.

The Publishers of Webster's International Dictionary allege that it is, in fact, the popular Unabridged thoroughly re-edited in every detail, and vastly enriched in every part, with the purpose of adapting it to meet the larger and severer requirements of another generation.

We are of the opinion that this allegation most clearly and accurately describes the work that has been accomplished and the result that has been reached. The Dictionary, as it stands, has been thoroughly re-edited in every detail, and is admirably adapted to meet the larger and severer requirements of a generation which demands more of popular etymological knowledge than any generation that the world has ever contained.

It is perhaps needless to add that we refer to the dictionary in our judicial work as of the highest authority in accuracy of definition, and that in the future as in the past it will be the source of constant reference.

CHARLES C. NOTT, Chief Justice. LAWRENCE WELDON, JOHN DAVIS, JUDGES. CHARLES H. HOWLAND, Attorney.

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Lucy Suddeth, of Lenoir, N. C., had been troubled with a very bad cough for over a year. She says: "A friend bought a bottle of Chamberlain's Cough Remedy, brought it to me and insisted that I should take it. I did so and to my surprise it helped me. Four bottles of it cured me of my cough."



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THE ORIGINAL LAXATIVE COUGH SYRUP

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Moves the Bowels Best for Children Red Clays Wholesome on Every Bottle

For Sale by Druggists.

ORINO

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Cures Biliousness, Sick Headache, Sour Stomach, Torpid Liver and Chronic Constipation. Pleasant to take.

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Stomach out of order. Liver sluggish. Bowels all clogged up, and you have that all-pene-tred-out-feeling!

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You will begin to feel better as once. Their action is different from other Liver and Stomach medicines—no griping, no sickening or weakening sensations. They make you feel good.

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