FARM --- AND GARDEN.

THE ROT AMONG EARLY TOMATOES.

In sections of the country where early tomatoes are grown as valuable crops the chief trouble is the rot and very frequently serious loss is occasioned. The real cause of this rot is difficult to ascertain, and a remedy even more difficult. We have speculation enough about the matter, but that hardly helps the farmer unless it materializes into something definite.

From my own experience I have found that tomato plants set out in new soil where a tomato crop was never before raised are rarely if ever attacked by this disease. Sometimes if the tomato plants are obtained from growers where the rot is prevalent the crop on the new land is injured. The largest tomatos begin to rot in the centre just before ripening, and this spoils their sale so that it is difficult to dispose of them at all.

Sometimes one season will be sufficent to infect the soil, and the second crop may be entirely spoiled. The only safe way is not to plant the crop twice in succession in the same field. It is even better to let two seasons at least past before planting on the old patch. On light soils the rot is more prevalent, and stays longer, than upon heavy clay land. The latter seem to be less affected by the rot anyway.

It is very discouraging to amateurs or new beginners, to have the early crop of tomatoes ruined, for this is the most profitable. A great many have become discouraged in the undertaking. Remedies for the rot have been recommended to them and I have seen neighbors use various mixtures without avail. A very similiar experience has been encountered with the potato rot. The only simple and absolutely sure system was to select a new field far from the old one for the next crop of tomatoes, and then after two or three seasons the old field could be planted again. The germs of these rots seem to live in the soil through the severest winter, but after a year or two they die out probably through the lack of sufficient nourishment. If we can starve the germs in this way, it should be systematically done on every farm. It does not follow that the land must remain idle. The germs of the rot that will attack the tomatoes and potatoes will have no effect at all upon the corn and wheat plants. Nearly any of our other vegetables can be planted on the tomato field where the rot has despoiled a crop. In fact, the tomato and potato are so different in their origin that these two crops can be planted interchangeably on the same patch.

The question of how long it takes to efface all signs of infection has not yet been decided. I have seen it attack an early crop after two years of rest, and it may be that three years will not entirely suffice. In purchasing plants one cannot be too particular about inquiring into their origin, and the nature of the ground they were raised in. A great many times the crop is ruined because the plants were raised in the same soil that tomatoes had cultivated in for half a dozen seasons. If the rot is really a nuisance try raising your own plants. Select, if necessary, some entirely new ground, and start them there, or fill the fencing box with soil obtained far from the old tomato patch. Little trouble will then be experienced from the tomato rot.

Cultivation of the Tomato—Crimson Clover and Cattle.

There is a general complaint that tomato vines make too much growth on rich soil and do not produce fruit to correspond with the abundant branches. This is due to the large supply of nitrogen and a deficiency of the mineral elements. Rot is also caused by the lack of mineral matter. The best remedy is to supply sulphate or muriate of potash and some kind of phosphate to tomato plants.

Now that the crimson or scarlet clover is growing so rapidly and will be turned under by the middle of May, it will be an excellent plan to sow cow peas right on the clover land after ploughing and in August apply lime and sow scarlet clover again, to be turned under next spring. It will be a total loss of the use of the land for a year, but it will make the land very rich, and the gain will be more than if the land should be used this season. Try it on a small plat as an experiment, or a field not wanted for a crop.

Those who believed that "there was no money in cattle" are now regretting that they have none to dispose of. The same may be said of sheep. Farmers who are getting rid of their sheep are simply reducing the number for the benefit of those farmers who are holding on to their sheep, and who will find mutton scarce and prices high before many months.

The best cantaloupe, considering its merits and defects, is the Emerald Green. It sometimes cracks open at the ends, and is not very attractive in appearance, but it is of excellent flavor, solid flesh, thin rind and unexcelled in many respects.

TO CURE CONSUMPTION.

An American Physician Discovers That Pilocarpine Is an Antidote for Tuberculosis.

United States Consul General Charles De Kay, Berlin, believes that an American physician has discovered the means of curing the consumption, lupus, and perhaps cancer.

In a report to the State Department he says the coming medical congress at Munich is likely to give no little attention to the discovery made by Dr. Louis Waldstein, a native of New York, announced in German medical papers, of the extraordinary action of minute injections of pilocarpine, a crystalized extract from the Brazilian jaborandi plant, on the lymphatic system.

This in a sense completes the celebrated "Heilserum" acting favorably on the patients whom the serum does not cure. The consul-general describes the long and patient investigations made by Dr. Louis Waldstein in European hospitals leading up to his great discovery and incidently proving the truth of his reasoning on the relations of the lymphatic system to diseases like lupus as well as tuberculosis in other forms, to diphtheria and to other diseases still.

The key of the discovery is this: By successive injections of minute doses of pilocarbine in the veins he arrives at a gradual stimulation of the lymphatic system. That system increases the white corbuscles in the blood, which in some way not agreed upon certainly overcome and render harmless those poisonous particles in the blood that produce disease.

The discoverer strongly advises physicians to try pilocarpine in the early stage of consumption, and indeed in all diseases involving the lymphatic system. He has satisfied himself that it forms a trustworthy test for the prsence of tuberculosis in man and animals. The report closes with a statement of a case of lupus of 22 years duration, regarded as incurable, which was relieved immediately after the first injection and is now almost healed.

A Preacher's Luck.

A good story is told of Rev. Mr. Jacobs, an itinerant Methodist preacher, living on the Ohio side, near Sisterville. The story is all the better for being true. Mr. Jacobs had preached the Gospel with no return but a bare living for many years. At a meeting of the trustees of one of his numerous congregations about three years ago, it was decided to offer him a tract of 100 acres of land which had come into the possession of the congregation, and which it had been impossible to dispose of on account of its general worthlessness, in payment for back salary. Mr. Jacobs took it, chiefly because he saw nothing else in sight. He tried hard to dispose of it, but could not, and tried to farm it during his leisure time. At last oil was struck within a mile of him. Lessors came from near and far to lease his land. He was too sharp to lease it all, so he reserved twenty acres in one corner and let the rest go at one-eighth royalty. Oil was found in the eighty acres leased, and after Rev. Mr. Jacobs had gotten his first royalty, he began operations on his twenty-acre preserve. Today he is still preaching funeral sermons, tying connubial knots, and ministering to the sick and needy, but it is not because he has to do it, for he can write a check in the six figures, not the first of the nine digits either. How success breeds success is well demonstrated in his case. When he was poor, he could only preach in a poor community, but since he "struck oil" he has had numerous offers of rich congregations. He is a modest man, however, and feels that he can do as much good among the lowly of his neighborhood as among wealthier surroundings.

SASSAFRAS RIVERS STEAMBOAT CO.

CHANGE OF SCHEDULE.

On and after Monday, April 22d, 1895, the STEAMER SASSAFRAS will leave Georgetown daily, at 6.30 A. M. on Monday, Tuesday, Wednesday and Thursday, (not making round trip on Friday), leaving Baltimore at 2 o'clock P. M. Saturday. Shallcross' Wharf, at 6.45, Cassidy's Wharf 7, Turner's Creek 7.15, Betterton 8, Buck Neck 9.15, Gale's Wharf 9.30.

Returning, will leave Baltimore daily, at 3 o'clock, (except Friday, lay over until 2 P. M. Saturday), stopping at Buck Neck and Gale's, and all the landings on Sassafras River, except Turner's Creek, trip up, stopping at Turner's Creek on Saturday if possible.

WM. CUNDIFF, Sup't.

☞Carriages for hire at Gale's Wharf (Worton Manor Beach) by John Gale.

SPRING SCHEDULE, 1895. THE STEAMER EMMA GILES, beginning Saturday, March 9th, 1895, weather permitting, for TOLCHESTER BEACH EVERY SATURDAY, leaving Baltimore at 7 o'clock A. M. and 2.30 P. M.

RETURNING, leave Tolchester at 9 o'clock A. M., and 4.30 P. M.

This arrangement gives 3½ hours in Baltimore. Excursion Tickets, 50 cents. Russell's Stage makes connections from Chestertown with Tolchester Boat.

TOLCHESTER COMPANY,
Main Office Pier 26 Light St., Balto.
Or G. E. NOLAND, Tolchester.

CHESTER RIVER STEAMBOAT CO.

After May 6, STEAMER EMMA A. FORD will leave Chestertown at 7 o'clock A. M. on MONDAYS, WEDNESDAYS and FRIDAYS, for Baltimore, stopping at Rolph's, Booker's, Quaker Neck, Bogle's, Queenstown and Kent Island. Leave Queenstown 9.45 A. M. Returning, will leave Baltimore at 10.30 A. M. TUESDAYS, THURSDAYS and SATURDAYS. The Emma A. Ford will not stop at Rock Hall on and after April 18th.

Returning will leave Baltimore at 10.30 A. M. MONDAYS, WEDNESDAYS and FRIDAYS.

STEAMER GRATITUDE will leave Centreville at 7 A. M. for Baltimore, and leave Baltimore for Chester River at 2.30 P. M., making the landings on Corsica river, Jackson's Creek and Rock Hall.

GEORGE WARFIELD, Pres't.

Surety Bonds of Every Kind.

AMERICAN BANKING & TRUST CO.
of Baltimore City,
Northwest Corner Lexington and North Sts.,
Opposite City Hall and Postoffice, Balto.

Capital, - - - - - $500 000
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$1.35 Cash! $1.35 Cash!
—FOR THE—
Kendall Farm Gate!

Gate 11 feet long, 4 feet high, 5 slats, made of Cypress. Strongly made. Orders solicited. Order 1 week before you need gate.

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FORWARD MARCH FOR 1895!

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S. W. Corner Front and Queen Sts., Chestertown, Md.

Dealer in Full and Complete Line of CHOICE GROCERIES.

CHOICE CIGARS and TOBACCO, Plain and Fancy Confectionery.

Special Lines in TEAS and COFFEES. Leading brands of the BEST FLOUR, either by the barrel or sack, while the HAMS for family use are not only as good, but the BEST to be had. The stock is kept constantly fresh; no stale goods are sold over our counters. Having largely added to our stock, we claim with pride to be the leaders in first-class

GROCERIES AT LOW PRICES,

and forgetting the things that are behind, we will press forward for the new year of 1895, and make it the best year of all. Our motto will be "Forward March" for the stock of goods, at the same time will say "Halt" on high prices. This store must become a household necessity, and close cash customers are finding it out every day. A call solicited and satisfaction guaranteed. Look out for change of advertisement soon.

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FAITHFULNESS GUARANTEED.

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Home Office, N. W. Cor. Charles & Lexington Sts.
BALTIMORE, MD.

RESOURCES, December 31st, 1894.

PAID-UP CAPITAL,	$500,000.00
STOCKHOLDERS' LIABILITY,	500,000.00
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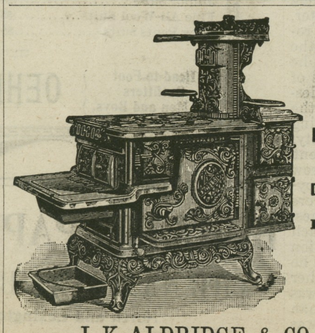
HERMAN E. BOSLER, SECRETARY AND TREASURER. EDWIN WARFIELD, PRESIDENT.



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Twenty different sizes and kinds.
Every Stove Warranted Against Defects.
Prices not much higher at this time than on commoner kinds of Stoves.
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HENRY PARR,
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—WE HAVE A NEW LINE OF—
ALL KINDS of HARNESS
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—ALSO—
HARDWARE!
including everything to be found in a first-class establishment.

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We are closing out our stock of SECOND-HAND WHEELS, of all makes, at prices that will astonish you. Second-hand 1894 Wheels of all makes, cheap. Write for list and descriptions.

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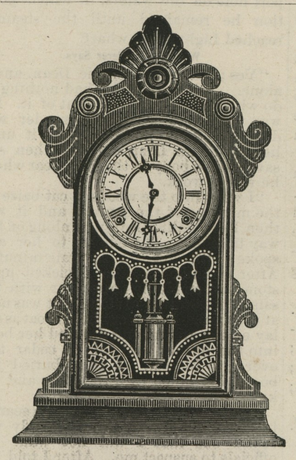

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We have a superb assortment and which includes everything new and desirable for the present season. Examination will show that our stock is especially strong in variety and thoroughly reliable in style.

All the leading kinds of SHOE DRESSING, in Russet and Black.

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Under Stam's Hall, - - Chestertown, Md.

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I am prepared to sell and put up at REASONABLE PRICES. The PATENT VAN WAGONER, KEYSTONE SUSPENSION and EUREKA WIRE FARM FENCES, at very Low Prices. I can also furnish the All Metal Farm Fence (no wood about it) at very low prices for the goods. Also for sale and put up, the Combination Wire and Slat Garden Fences—any height, Expanded Metal and Ideal Galvanized Yard Fences. I DON'T WANT THE EARTH, only a living margin. Give me a trial order All kinds of Fence Wire sold very low in quarter, half or ton lots for a manufacturer.

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HORNER'S ABSOLUTELY Pure Animal Bone
FERTILIZERS, FOR
All Crops AND Permanent Grass.
WARRANTED IN THE FULL PRICE OF THE GOODS.
Higher in Essential Qualities than any other Goods on the Market.
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1 inch Yellow Pine Boards, Edge,	$12.50 per M.
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