

ment unless the hay is properly

Time to Cut Timothy.

Pruning Tomatoes.

According to a writer in Farm and

Fireside, where the tomato vine is

trained to a single four-foot stake the

mon twine, a daily lookout must be

kept for the suckers which put out

from the main stalk and retard the

plant. The sprouts, or auxiliary suck-

ers, which push out from the base of

the upper side of each of the side

branches must be resolutely pinched

off, or broken off if the pinching has

been delayed too long. If this is done

and the vines have been tied to the

stakes with not less than three strings,

as the growth has been continuous, the

vine when in bearing will appear as

If, as it sometimes occurs, a second

branch or stem is allowed to grow from

near the ground, the result will be as

branches spread

ground, where they will continue to

grow and ripen fruit after the staked

vines have ceased bearing. These will

continue to bear fruit until after the

first killing frost. On the approach of

frost it has become customary by man

truckers to pull up the vines and

spread them in a well sheltered place

and cover them with litter, so as to al-

low the ripening process to go on. This

late crop is often more profitable than

that of the staken vines near the close

Dragging After Plowing.

ble after it has been plowed. In turn-

ing the furrow there are inevitably

ing it in fine condition for a seed bed.

Improved Grain Shock.

better "shock" than the old-fashioned

dozen. Get up four in a cross, then

four more, one in each of the spaces

between two of the first four, and cap

with the ninth, well broken, and the

tops toward the prevailing wind. If

well set, that is, each sheaf standing

on its own bottom and thoroughly clos-

stand a stiff windstorm and a three

Grass Under Trees.

Sometimes we see trees which dry

up the grass under them, while in the

same neighborhood will be trees under

which the grass will grow greener

than where it is not thus shaded. An

orchard that has long been plowed

deep has most of its feeding roots be-

low those of the grass. On the other

hand, under the tree where grass has

long grown, the true feeding roots

come near the surface, and when a

dry time comes the grass under it lacks

days' rain without harm,

of the tomato season.

FIG. 1.

shown in Fig 2. By

keeping all super-

fluous growth

pinched back, this

will grow nearly or

quite as large as

the main stalk,

simply forming a

fork, Both stalks

are to be tied to a

single stake, unless

it is deemed desira-

ble to let the side

out upon the

ripening of the to-

mato may be slight-

ly delayed, yet the

increased size and

excellence of the

fruit more than

compensate for the

then, that a five-

foot split stake has

been firmly set at

each plant and the

tomato vine has al-

ready been tied to

the stake with com-

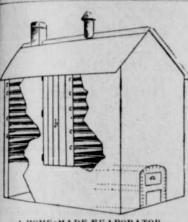
shown in Fig. 1.

AND SO

brief delay in ripen.

Presuming.

raporate the "urplus Apples, Vaste of the fruit crop is one of the ses of greatest loss. Many who annot dispose of the crop in a fresh rate allow it to rot or feed it to stock, have found it profitable to evaporate that apples could not be sold fresh nd so constructed an evaporator. The dan was original with me and has corked to perfection. The building is feet long, 4 feet wide and 9 feet high the eaves. The walls are of good ard brick and 8 inches wide. The fire ox (a) is in the end opening on the side. In the center of one side is a hor 2 feet wide (b) extending down 6 bet from the eaves or to within 3 feet of the ground. This leaves space 3



A HOME-MADE EVAPORATOR.

very

feet wide on each side for trays (c) which are 2 feet square and made of 1 by 11/4 inch material, the bottom being covered with fine wire mesh. A framework extends entirely around the room of 2 by 3 inch material, nailed 6 inches apart, to support the drier frames. When a frame is filled, it is essily slid into a place either on the right or left of the door. Close the ventilator in the roof when the sulphur is put in to bleach the apples. The frebox (a) is 10 by 10 inches square, 3 feet long, arched with one 4 inch thickness of brick. The firebox walls are 4 inches thick. Cold aid is admitted on both sides of the fire box through flues 4 inches wide, passing from the rear of the box to the front of it and passing into the frame room just in front of fire or smoke flue. As shown in the ground plan, the smoke passes from the firebox to the left, back to the front, over the fire box. along the end wall, then the side wall, round the end wall to the chimney. In a larger building a larger fire box and larger frames are needed. Any good bricklayer ought to be able to put up this building.-Farm and Home.

Pasturing Across a Highway. Many farms are so situated that the cattle must be driven across a highway to pasture. This almost always affords trouble. The cattle will break away up and down the highway to feed by the roadside, instead of crossing the road directly from the pasture gate to the lane leading to the barn. A device is shown herewith that may prove of assistance in such cases. A parrow lane is built on each side of



CONVENIENT CATTLE GUARD.

ime.—Orange Judd Farmer.

wherever it seems to be superabundnot decrease the amount of fruit bedously thinned.

Musty Hay. Much of the baled hay that comes to arket it musty. Most farmers when hey bale har tmink it need not be dry, as the bales are small. But a Terrible Death.

and nature has given him a deal more phia Times.

who lives on a rocky little place south of Temple, and who yesterday came to town bringing a bale of cotton on his rickety wagon. After disposing of the cotton the good-for-nothing fellow straightway proceeded to drink up the proceeds, and before the day was far spent he and his money were pretty far

Toward evening he climbed into the wagon, perhaps with an idea of going home, as he unhitched his shaggy ponies from the post in front of the grocery where they had been standing needs to ripen its seed so as to get beyond the blossom stage. Old horsemen up under the wagon to keep them comsay that timothy seed is very nutritious. pany. But, having gotten into the wagon, the man was overcome by a "jag," It would need to be to produce any efand fell down on the floor and went to fect, as it is a very small part of the

Meantime, the poor, starved ponles began grazing about, picking a wisp of green here and there, till presently they got out on the edge of the town, and had climbed up the three feet of railroad embankment, dragging the wagon after them and nipping the grass between the cross ties. In the midst of this state of things the northbound train came around the curve, bearing straight down upon the wagon. The engineer blew his whistle, but the man in the wagon was too far gone to hear. A Mexican tamale vender some distance off saw the danger and ran down the embankment whistling to the horses, but they were too hungry to heed so slight a warning.

But there was Tige, the dog, the ponies' faithful friend. Realizing the danger on the instant, Tige bounded up the embankment and began barking and biting at the horses' heels with such persistence that they in turn set to kicking and backing down upon him, all the time getting farther and farther out of harm's way, till, just as the train sped by, they had gotten themselves and their sleeping master out of the path of its destruction.

A FAMOUS WRITER.

proper development of the tomato Mrs. Margaret Oliphant Was One of the Prolific Novelists of the Day.

> which occurred in England not long since, has removed one of the most



prolific and versatile writers of modern times. Ever since her first novel revenue of 8,800,000 francs. was published, when she was 21, she has had a place in the hearts of a very large class of readers. She was an exceedingly rapid writer, turning out with great regularity a three-volume novel every year. She published over forty works of fletion in addition to numerous biographical and historical Those Who Heed the First Sympworks. Beside, she was a frequent contributor to the periodicals and was the editor of a series, Foreign Classics

Almost always it is good practice to she died and was born in Midlothian, harrow plowed land as soon as possi-England. Her maiden name was Wil-

Giving Away Brides.

Among the novel means by which except in very early springtime, dry it some people of London subsist is that they are preout much too quickly to make a good, of giving away brides at the altar. The mellow and moist seed bed. It is ail custom has grown to considerable prothe worse if the soil is clayey in texportions of late, and a member of a ness. It is ture and has been plowed when too firm of fashionable costumers, in speakwet. Then the furrow between the dry air under it and the dry air above ing of it recently, said: "You, of folly to neit bakes into a clay brick that no plant course, recognize the fact that in this glect these great city are scores of hard-working symptoms. roots can penetrate. But if the furrow girls who are miles away from their is broken down soon after being turned the soil dries through evenly, leave relations and who have always been too busy to cultivate many friends, Well, when these girls are about to marry young fellows who are similarly circumstanced the question arises as According to a writer in the Farm to who shall give away the bride. Journal nine bundles of grain make a

welcome guest with these people after-

When a young woman has been re quested to break the news of a death to a friend, she feels that she has reached the supreme pinnacle as a com-

High Rifle Scores.

Two records of 104 out of a possible 105 with the Lee-Metford rifle have already been made this year by Sapper Tige is only a dog, and a "yaller dog" Gale of the Royal Engineers and Serat that, but his mixed breed has given geant Dalgetty of the Berwick-on-Tweed him a shaggy coat and a bushy tall, rifles. The firing was at the regulation ranges, seven shots each at 200, sense than the man who owns him 500 and 600 yards, in military posistands possessed of, says the Temple tions. In both cases the men missed (Tex.) correspondent of the Philadel the bullseye at the shortest distance. The highest score made with the dis-Tige's master is a rancher, so-called, carded Martini-Henry rifle under the same conditions was 103.

AROUSE TO ACTION

A dormant liver, or you will suffer all the tor-tures incident to a prolonged bilious attack. Constipation, headaches, dyspepsia, furred tongue, sour breath, pain in the right side, will admonish you of neglect. Discipline the recal-citrant organ at once with Hostetier's St-waach Bitters, and expect prompt relief. Malaria, rheumatism, kidney complaint, nervousness and debility are thoroughly removed by the Bitters.

The River Jub.

England has sent an expedition to explore the River Jub, the boundary allowing the head to blossom. Then it drink of water, and only Tige curled spheres of influence in Somaliland. It is under command of Major Macdonald, who made the survey for the railroad from Mombasa to Lake Victoria.

AN OPEN LETTER TO MOTHERS.

We are asserting in the courts our right to the exclusive use of the word "CASTOKIA," and "PITCHER'SCASTORIA," as our Trade Mark. I, Dr. Samuel Pitcher, of Hyannis, Massachusetts, was the originator of "PITCHER'S CASTORIA," the same that has borne and does now bear the fac-simile signature of CHAS. H. FLETCHER on every wrapper. This is the original "PITCHER'S CASTORIA" which has been used in the homes of the mothers of America for over thirty years. Look Carefully at the wrapper and see that it is the kind you have always bought, and has the signature of CHAS. H. FLETCHER on the wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Fletcher is President. March 8, 1897. SAMUEL PITCHER, M.D.

Switzerland's new twenty-franc gold piece has on its face the head of a peas-

ant girl, representing Helvetia, with 22 stars around it for the cantons.

HOITT'S SCHOOL FOR BOYS

Accredited at the State and Stanford universities, a first-class Home School. Careful su-pervision and thorough training in every re-spect. Seventh year begins August 10th. Ira G. Hoitt, Ph. D., Burlingame, San Mateo county.

A ray of light from Sirius can reach us only after traveling for twenty-two years with a speed of 77,777 leagues a

I never used so quick a cure as Piso's Cure for Consumption.—J. B. Palmer, Box 1171, Seattle, Wash., Nov. 25, 1895. In the great church at Mengo, Ugan-

support the roof. Each of these trees took 100 men to drag it up the hill.

HOW'S THIS?

We offer One Hundred Dollars Reward for any case of Cutarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO., Props., Toledo, O. We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business trasactions, and financially able to carry out any obligation made by their firm.

West & Truax.

Wholesale Druggists, Toledo, O. Walding, Kinnan & Marvin,
Wholesale Druggists, Tsledo, O. 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.

Hall's family pills are the best.

Dog Taxes in France.

In France it is not necessary to have license to keep a dog, but what amounts | saying: to practically the same thing, it is necessary to pay a dog tax, which varies according to the species-a watch dog paying less than a fancy poodle, and so forth. From the returns of this tax it is learned that there are 2,900,000 dogs in France, which bring in an annual

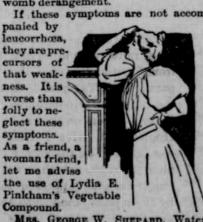
There are only about 1,000 Germans in the whote of Mexico.

WISE WOMEN.

toms of Nervous Derangement.

A dull, aching pain at the lower part of the back, and a sensation of little rills of heat, or chills running down the spine, are symptoms of general womb derangement.

If these symptoms are not accom-



MRS. GEORGE W. SHEPARD. Watervliet, N: Y., says: "I am glad tostate that I am cured from the worst form of female weakness. Before using Mrs. Pinkham's Remedies it seemed that I had no strength at all. I was in pain all over. I began to feel better after taking the first dose of Vege-table Compound. I have used five bottles, and I feel like a new woman. know if other suffering women would only try it, it would help them."

BASE BALL GOODS Special Rates

We carry the most complete line of Gymnasium and Athletic Goods on the Coast. SUITS AND UNIFORMS MADE TO ORDER. Send for Our Athletic Catalogue.

WILL & FINCK CO., \$18-830 Market St., San Francisco, Cal.

RUMPET CALLS.

Ram's Horn Sounds a Warning Note



OVE cuts the guardian knot of Satan sets his

big traps with sweet bait. A minute man is one not found in a second's place.

A charity sermon should be il lustrated with plates.

Contentment is the art of doing without things.

If you would be poor in the midst of plenty, be ungrateful.

Opportunity is a steed to be ridden with the spur of the moment.

If we would know God well, we must become familiar with his Book.

The more thankful we are, the more we will discover to be thankful for. The better we know the Bible, the better we will know the God who gave

When we look to God as the Giver of all good we will find good in all He

Discontent robs us of present good. Content puts us in a state of heart to enjoy all good.

Nothing that is prompted by the Spirt ever hurts the meeting that is led

Ingratitude defiles and poisons every pring, mars every pleasure, and takes the value out of every gift.

There would be more days like Pentecost if more pulpits were filled by mer filled with the Holy Ghost.

A Clever Comparison. The argument for the existence of God from the uniformity of nature is not a new one, but it is nowhere more cleverly put than in an anecdote of Galiani, related by L'Illustration Europeenue (Brussels, March 21). It

"To those who see in the existence of the world the effect of chance, a curious argument was opposed by Galiani. 'One day,' said he 'at Naples, a man took six dice in a dice-box and bet that he would throw six sixes. He succeeded at the first throw. I said to myself, 'Such a thing is possible.' He did it a second time; I said the same thing. He put the dice back into the box three, four, five times, and always threw six sixes, 'Sangue dl Bacco!' I da, Africa, there are over 200 trees to cried, 'the dice are loaded!' And so they were.

"Philosophers! when I consider the ever-renewed order of nature, her immutable laws, her revolutions, always constant in an infinite variety, this single chance of a world such as we see it, returning unceasingly notwithstanding a hundred million other chances of possible perturbation and destruction, I cry out: 'Of a truth, nature is loaded!" "-Translated for the Literary Di-

In Everything Give Thanks.

A clerk and his country father enterad a restaurant on Saturday evening and took seats at a table where sat a telegraph operator and a reporter. The to give thanks when a walter flew up,

"I have beefsteak, codfish balls, and bullheads,"

Father and son gave their orders and the former again bowed his head. The young man turned the color of a bloodred beet and touching his arm exclaimed in a low, nervous tone: "Father, it isn't customary to do that

in restaurants!"

"It's customary with me to return thanks to God wherever I am," said the

For the third time he bowed his head,

and the telegraph operator paused in the act of carving his beefsteak and bowed his head, and there wast.'t a man who heard the short and simple prayer that didn't feel a profounder respect for the old father than if he had been the President of the United States.

The "Palmetto State."

The Charleston News and Courier thus explains the origin of South Carolina's sobriquet, "the Palmetto State:" "On June 28, 1776, a force of less than 100 Carolinians, under command of Moultrie, protected by the rude fortification on Sullivan's Island, in Charleston harbor, made of the trunks of the palmetto, repulsed the attacks of British fleet under command of Sir Peter Parker, and when the State of South Carolina was organized, the State seal, which was first used in May, 1777, was made to commemorate this victory. A palm tree, growing erect on the seashore, represents the strength of the fort, while at its base an oak tree, torn from the ground and deprived of its branches, recalls the British fleet, built of oak timber, overcome by the palmetto."

Campher for His Wife. "There was a farmer up home," he

said, "who used to have his occasional spree. Every one knew his failing, and neither of the druggists in town would sell him a drop. One day he brought a quart bottle into one of the apothecary shops, with two or three big lumps of gum camphor in the bottom. He told the druggist that his wife wanted her camphor bottle filled with alcohol. The druggist tilled it without suspecting anything. In a week the old man came again, and in a little while the third time. Finally the druggist discovered that the 'gum camphor' was milky quartz, picked op in the fields, and that the farmer had poured camphor over the outside of the bottle until enough had crystallized there to look natural and smell right. The quartz didn't hurt the alcoh ol for dringng purposes."-Time and the Hour.

The Winner

of one of those \$100 prizes got her yellow tickets in this way:

- 1. By using the tea herself.
- 2. By asking some friends who use the tea to give her their tickets.
- 3. By inducing some friends to try the tea and give her their

One of her friends kept a boarding house, and sent her lots of tickets.

Haven't you some friend who keeps a boarding house or a restaurant, or who has influence in some hospital or other public institution? They need good tea there.

Rules of contest in large advertisement about first and middle of the month. AA

A Strange Defense.

A strange defense has been offered in England by a captain who ran an excursion steamer, as it seemed, deiberately on the rocks near Scarborough. The passengers thought he was drunk, but he wants to be let off because he was under the influence of opium, taken to relieve pain.

There was recently killed in Wyoming one of the largest mountain lions ever seen in that state. It was almost nine feet long.

"Get a Sanden Belt."

Simple Advice That Saved a Sufferer From Despair.



"Get a Sanden Belt," a friend told him, "Get a Sanden Belt, and if it don't enre you I'll pay for it myself." When you are sick you try everything, and after several failures you have no faith in anything. This was the way Mr. P. S. Clement, conductor on the sorthern Pacific, living at Ellensburg, felt when a friend insisted on his trying Dr. Sanden's Electric Belt. He got one, and this is his report: "I would not have sold my belt for a mine ten days after I got it. My back was so weak that I could not sit up in the car seat, and I suffered terribly. Then I got the belt. In ten days I was almost a well man, and inside of a month I was entirely cured. That was two years ago, and not a sign of my trouble has returned. I want you to publish this, so that the thousands of other men who are in the same fix can find the only cure for them."

It cures other troubles, including all nervous and with weakness varienced.

rure for them."

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Expenses, including board, room, clothing,
vashing, books, etc., about \$120 per school year.

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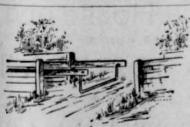


ERIE MEDICAL CO., BUFFALO, N. V.

TAPE WORM expelled in from 17 minutes to two hours with head, requiring no previous or after treatment, such as fasting, starving, dieting, and the taking of nauseous and poisenous drugs, causing no pain, sickness, discomfort or bad after effects. No loss of time, meals, or detention from business, SLOCUM'S TAPE WORM Specific has never failed. Cure guaranteed. Over 5,000 cases successfully treated since 183. Write for free information and question blank. Address Slocum Specific Co., Auditorium building, Spokane, Washington.



head. What really keeps up the strength of timothy-fed horses is the cut feeding that goes with it. The best time to cut timothy is just as it comes into head and before it blossoms. The hay will not weigh so much then, but it has more available nutrition than it will have later.



the road, extending well up to the carriage track but not close enough, of course, to prove any inconvenience o travelers. Two long bars of thin boards are then fitted to slide across the highway when the cattle are to be driven across, and then back again. out of the way of travel. A bent rod of iron connects the two ends of the hars, so that both can be slipped across the road at once, the bend in the rod permitting it to rest upon the ground that the cattle can pass over it. To operate this takes but a moment's

Thinning Fruit,

Midsummer is the best season for minning all the larger fruits. Just beore the seed begins to form nature does a great deal of this thinning, and it is perhaps as well to wait until all the fruit that will naturally fall has fallen. Then pick off the surplus fruit ant. In most cases this thinning does ause it so largely increases the size of individual specimens. It is the best fruit that always pays best. That al-Mays means fruit that has been judi-

ways sufficient to get up a violent moisture and is very soon killed out.

BRAVE "TIGE."

Dog Saves His Helpless Master from

The death of Mrs. Margaret Oliphant,



for English Readers. Mrs. Oliphant was 70 years old when

large air spaces left under it, which

"I can answer that question for them at once, for I have connected with my business an ex-major in the army, a member of an ancient family and a man, too, of unimpeachable character. He is poor, but he dresses well, has beautiful white hair and looks the kindly father to perfection. I introed in at the top, such a shock will duce him to the bride and bridegroom, former away. Sometimes he takes the whole arrangements of a breakfast and so on upon himself, and he is a fine speaker on occasion. He is always a

> There is a vast difference between being able to say prayers that sound fine, and baving a broken and contrits