TRAIN UP THE YOUNG TREES

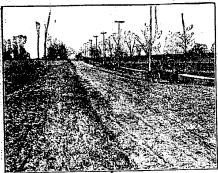
Greenhouse Overseer Points Out In portance of Early Care—Animals Often Do Much Harme

TIME TO PRUNE GRAPEVINES

RETIRING ROAD BONDS

Life of Highway, Not Economic Term of Bond, Should Determine Length of Loan

ed by the U.S. Department of Agricultures



Teams Destroying Lawns to Avoid Mud Roads, Bennington, Va.

Teams Destroying Lawns to Avoid Mud Roads, Bennington, Va.

The proper method of retiring rural is small at Sirst and constantly indicated with the expectitions of the second problems which must be worked out the problems which must be worked to the problems which must be problems to the must be problems which must be must be a straight terminable bonds to be retired by sinking funds. The term of these bonds varies from 10 to 40 years, with an average of nearly 25 years. The fund to retire them is accumulated by annual installments paid by the inaparers, and is supposed to draw threest continuously and to accumulate a safficient amount to discharge the check at maturity. The interest which the athing fund draw the annual payments which the sinking fund calculated to draw three and one-half per cent interest.

Annual Payments.

**Years 3.Pet 35.Pet 4.Pet 3.Pet 3.



PREPARING À DAIRY HÉIFER

Kindness and Gentle Handling Will Remedy Kicking Habit—Halter-break While Young.

break While Young.

Tou must have foresight in preparing the dairy heffer for her first milking period. If you handle the udder and teats so as to you handle the udder doing this at least twice a week for six or eight weeks the under the heart was the heart with the heart was to helfer will then be quiet and gentle and will not be due he had calved. Also her udder all pains has calved. Also her udder all pains has calved. Also her udder all be developed so that it was the heart was the developed so that it in the present the developed so that it is under resemble a cow's udder. It is developed so that it is under resemble a cow's udder, it is developed so that it is under resemble a cow's udder, it is developed so that it is under resemble a cow's udder, it is developed so that it is a good pland to a consequently the help with the present the pr



Period From November to March Gives Most Satisfactory Results —Prevent Overbearing. Gives Most Satisfactory Results
—Prevent Overbearings.

Fall or winter pruning of grapovines in the home garden, as well as
on the commercial plantation may be
done at any time during mild weather
will the Vines are in a deprivation of the commercial plantation may be
difficult of the commercial plantation of the commercial plantation of the commercial plantation of the commercial period from
the commercial period from the commercial period from
autificatory results, but the work
should in all cases be done at least
a week or ten days before the vines
are likely to start into growth.

Tho pruning the first winter after
the planting of the vines is determined by the character of the
growth made by the plants. It the
growth made by the plants. It the
growth made by the plants. It the
growth made by the character of the
growth made by the character of the
should be removed and this should
be cut back to two or absent made
shoul, all other growth should be
removed and this cane cut back
to the height at which it is intended to head the vine. This will concentrate all the force and growth
of the plant into the cane which is
to become the trunk of the vine.

From this only such shoots should

isdom to punish her for kich

Kindness and gentic handling is the only remedy. I one lets his reasoning for the cause be based upon the principle that she never kicked until she was injured, the remedy will at one suggest itself. No cow was ever broken of kicking by striking with the stool or anything else. That practice only puts the cow on her gurad, and as one ones near her with the stool sale uses nature's defense and kicks.

CLEANLINESS OF THE CHURN

Rinsing Out With Warm Water Will Remove Any Particles of Butter milk Remaining in Wood.

After the butter is taken from the churn, the latter should be rinsed out with warm water, and the rinsing followed by a thorough washing with very hot water. The rinsing out warm water will remove any present of the wood. The hot water will remove any fat which may remain the remove any fat which may be left in the churn.

luge Receptacles Should Be Placed as Near Animals to Be Fed as Pos-sible to Save Labor.

They should not be inside the barn since they take up a good door

They should not be inside the barn since they take up a good deal of room and may give off offensive odors that will tain the milk.

They would also be inconvenient to fill, and siles should be where they may most readily be refilied.

It required about a quarter of a ton of ensilage abould yto feed twelve cows each forty pounds a day, so that the silage should not have to be moved any farther than is necessary.

CONSTRUCTION OF PIT SILOS USE OF LIME-SULPHUR WASH

Builders Must Be Careful About Plas tering Good Sand is of Ut-most Importance.

Builders of pit stors should be care ful about the cement plastering. Make the plaster of one part good sand and 2½ parts Portland cement, in two coats, each about three-quarters of an inch thick.

Let the first set slightly before putting on thelescond. Keep it wet for week. If the earth walls are dry to plaster on, wet them before plastering, keep the plaster shaded for several days.

Orchard.

Some of the greatest men in history never discovered themselves until they lost everything but their pluck and grit.

A FEW DESSERTS.

Importance of training young trees so that they will become straight and well proportioned is emphasized by W. R. Layton, greenhouse overseer at the Kansas State Agricultural college. A growing tree in winter may be bent by the weight of ice or soow, and wind blowing from one direction for several days may produce the same result.

"Trees of rapid growth are less likely to require carcell attention than those which take longer to develop/gays Mr. Layton. 'Oaks, elms, pines, firs, and apples are among those which usually tend away from erect growth. The maple and cottonwood, trees of quick growth, shoot up straight and tail.' Elim and pine school up straight and tail.' Elim and pine which do not penetrate for the control of the cont Importance of training young trees many people these days find such an addition to the diet that the following recipe will

the following recipe will be welcome:

Bran Pudding—Add to one-half cupful of bran and the same of whole wheat flour, one-half cupful of chopped, seedless raisins, two tablespoorful of just of milk, one well beaten egg, one tablespoorful of butter, melted, one teaspoonful of lemon rind and one-half teaspoonful of lemon rind and one-half teaspoonful of lemon the milk of the same that the same

healthful dessert.

Coceanut Cream Pudding.—Mix well
one teanpoonful of four with two tateanpoonful of mour with two tateanpoonful of any count of a
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c vigorous, and give the tree a firm hold in the soil.

The common method of training a tree is first to drive a stake firmly into the ground beside it, and then to place a string around both tree and stake, says this authority. Animals often injure trees—particularly apple trees. As a protection, a wire netting, 12 to 15 inches high, is used to inclose the base of the tree. A trellistic frame is also made for the protection and training of small trees in parkings. A young tree which has become crooked may be atraightened, but a "kink" will remain.

name until nrm. Serve with a trust sauce.

Cottage Cheese Pie.—Mix together two cupfuls of cottage cheese, two tablesponentils of milk, two well bestem engage, two tablesponentils of source of cours, and the same of source of cours, and the course of cours, and the course of cours, and the course of course, and the course of course of

erate oven until firm in the center. Banana Pie.—Press peeded banamas through a ricer to fill a cup. To this add a half cupful of sugar, two table-spoonfuls of salt, one beaten egg, one-half a teaspoonful of cinamon. half a cupful of milk and a third of a cupful of milk and a third of a cupful of cream. Mis thoroughly and hake until firm in a plate lined with pastry.

If you ever find happiness by hunting for it you will find it like the old lady did her lost glasses, safe on her own nose all the time.—Josh Billings.

Step out from the surging crowd and make yourself a master.

GOOD THINGS FOR THE TABLE.

This is an unusual recipe worth try-

This is an unusual recipe worth trying, especially by those who do not care for the rich ordinary mincement.

Lemon Mincement.

Lemon Mincement.

Squeeze the juice from four large lemons and place the peel in cold water, being to a boil and place the peel in cold water, being to a boil and change the water twice, cooking the peel until tender, then drait and pound to a paste, add four appies clopped, the juice of the lemons, one pound of currants, one and three-fourths of sugaration and the control of the peel of the place of the peel of the

to form into a roll. Bake in a baking dish.

Sour Roast Jeef.—Take a quart of water, two cupfuls of vinegar and sait and bepper to taste; silce into this a few onloss and carrots, then add a roast of beef. Allow the meat to soak over night, then roast as usual. When the meat is half cooked add the vegetables from the brine and a little of the brine to baste the meat. When the meat is tender, remove and add a half cupful of sour cream and flour to thickes. Serve hot. This is a delicious old German recipe.

Nut Strips.—Beat two eggs until light, add a half pound of brown sugar, one cupful of walnut meats. Sift, twice five tablespoonful of baking powder and a dash of sait. Mix and spread thin on buttered pans. Cut in strips when cold. These are delicious served with afternoon tea or cocca.

Raisin Bread.—Take a cupful of

Raisin Bread.—Take a cupful of brown sugar, a cupful of sour milk, a teaspoontul of soda, a dash of sait, two cupfuls of graham flour, a cupful of raisins chopped. Put into a deep bread pan and bake fifty minutes in a slow oven.

Neceie Maxwell

Word From Headquarters.

"When, where and how will the war end?" I don't know." replied the land-lord of the Petunia tavern. "However, the young ladies and gents of the senior class of the village academy, several of whom are over sixteen years of age and have been outside of the country a time or two, are going to settle the entire question in a debate to night. I understand, too, that while they are at it they will fix things so there will never be any more wars. So I shall be able to inform you in full tomorrow morning."

Get the Habit of **Drinking Hot Water** Before Breakfast

Says we can't look or feel right with the system full of poisons.

Millions of folks bathe internally

Millions of folies bathe internally now instead of loading their system with the control of the

crank on the subject of internal sani-tation.

Just as soap and hot water act on the skin, icleansing, swectening and freshening, so limestone phosphate and hot water act on the stomach, liver, kidneys and bowels. It is vasi-side than out that some the is-side than out that show the li-st of the property of the story of the to the blood, while the bowel pores do.

to the blood, while the bowel porce do. Adv.

—Adv.

—Fressed Wife as Widow.

Realizing that he was dying, Karl Kollams, three days before his death, asked his wife to buy a black mourning dress and veil so that he could sohe as she would appear at the funeral. To satisfy him, Mrs. Kellams and the asked his wife asked to the could see that the funeral county are to the county returned from Phoenix, Arik, where he had gone in the hope that the change in climate would benefit him.—Philadelphia Record,

Little Mistake.

An old gentleman of eighty-four having taken to the altar a young damsel of about lifteen, the clergyman said

to him

"The font is at the two.
church."

"What do I want with the font?"
soid the old gentleman.

"Oh. I beg your pardon," said the cleric. "I thought you had brought this child to be christened."

Convinced.

"I wash' abbe to match that piece of secods for you," said hubby. "I tried is stirred in the store, and they all told me they hadn't anything like that in stock for five years."

"I knew that all the time," said wife. "I just wanted to prove to you that my belt dress is hopelessly out of style. You wouldn't believe it when I told you."

GOOD REPORT
Doctor Proved Value of Postume

Physicians know that good food and drink, properly selected, are of the ut-most importance, not only for the re-lief of disease but to maintain health

lief of disease but to maintain health even when one is well.

A doctor writes, "I count it a picasure to say a good word for Postum with which I have been enabled to relieve so many sufferers' and which I count, with its valued companion Grape-Nuts, one of the daily blessings, "Coffee was banished from my own table some time-ago and Postum used regularly in its place." (Coffee is in jurious to many persons, because it contains the subtle, poisonous drug, caffeline.)

jurious to many persons, because it contains the subtile, poisonous drug, and it is the poison of the first time to be quite sure that it is properly made according to directions, then it has a clear, scalbrown color and a rich, snappy daste, as well as health giving qualities. The above letter, received over ten years ago, is fully confirmed by a recent letter from the doctor, in which he says:

"It is a pleasure to render a good report covering a product of which I am so enthusiastic a friend." If an using in my home your Postum Cereal in both its right used in the poison of the product of the product. The product of the product of the product of the product of the product."

Name given by Postum Co., Battle Creek, Mich.
Postum Cereal—the original form—mult be well bolled. Ice and 25e pkgs.

Instant Postum—a soluble powder—must be well bolled. Ice and 25e pkgs.



of interest on the sinking fund to discharge the debt at maturity. The existence of the sinking fund to discharge the debt at maturity. The existence of the sinking fund is a constant temptation to mutelpal officers to use it for purposes such as the fundamental officers to use it for purposes be noted for a second color, it is easy to argue the fundamental management of the companity are likely to become much corpused in the fundamental management of the requestry changes of such operations are frequently changing. Sinking fund tax levies may be deforred through carefusamess or under pressure of other needs. The sinking fund attack the fundamental management of the requestry changes and the such school is aways required careful attention, because it does not progress automatically in most cases. It has sometimes been efficiely neglected. This sinking fundament is designed to the committer of the companity of a bond issue where the annuity method of issuing floods both the principal and interest are discharged by constant annual or each goard by constant annual or each goa

ng. Kindness and gentic handling is the

any tax which may be set. In the constraint of t

PROPER LOCATION FOR SILO

Siles should be located close to the unimals to be fed from them, according to the Oregon agricultural college plans.



Vine Pruned.

be allowed to grow as are needed for shaping the vine for the following, its first, fruiting season. After this framework has been established the fruithearing part of the plant should be so pruned that it will be renowed from year to year and so adjusted to the variety and the foad supply as never to allow the plant to overbear, but at the same time to in duce it to bear its full capacity. Under such it reatment the body on plant will gradually become stronger and its fruiting capacity will increase overspendingly.

The order of the species to which the variety belongs and the kind of trellisued for training it.—U. S. Department of Agriculture.

Dormant Spray May Be Made by Di-luting One Gallon of Material in Ten Gallons of Water.