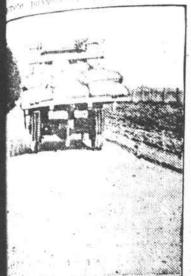
RANSPORTATION IS COMMUNITY FACTOR

inner hope to pros reads are bad, for ... of the prime facing of any commuroutils are inadeon will be inefficient, shown that it requires our times as much power dirt road as on They also have



Load is Easily Hauled Over Concrete Road.

at that a motor truck will run e as far on a gallon of gasoline concrete roud as it will on a read with the same amount of

he instrations, shown here speak themselves in bearing out these ments. On the concrete road the er laden truck glides along The even surface of the ent offers no bumps or ruts.



to Navigate a Road Like This. me is virtually no resistance to the es The muddy, rurty earth road in the other photograph, howflustrates an altogether different dien Because of the many irlarities and the great resistance to theels of vehicles, only small loads be carried. The large load is red as easily on the paved road is the small load carried in the on being drawn over the earth

nnessee Has Big Sum

to Spend for Highways ennessee has available for highconstruction during 1924, \$9,854,-35, with a maintenance fund from counties of \$1,400,000, or a total of 24.300.65 it is stated in "Tennes-Highways and Public Works," the hal organ of the state highway de-

his means that the state has availfor highways during 1924 eleven a quarter million dollars, this subbeing given first position in the lar appearance of the new highway

is shown that the state has now er construction 484.12 miles of the wed system of highways, and with s available for work upon 477.94 miles, the department will have alles under construction by the

Myzing the above figures a little the magazine says, it will be lat by December 31, 1924, 748.6 mery rouds will be under ion, leaving 485.3 miles to be to contract at later dates. The p mainder of the year April 4 and May 9 have al contract 86.8 miles mary roads in the under contract by additional con-By the end of Jan-

Many Trucks in Use

representation state-aid mileage.

ant of the primary

er contract, 16.7

mileage, and

and accessory taxes.

PEACH YELLOWS IS DANGEROUS DISEASE

The fact that the peach diseases called yellows and little peach have has bred a feeling of false security vive the white diarrhea, contain the on the part of some growers who be- organisms in their bodies and a cer-

culture, in which he gives a detailed of the shell with the disease and imdescription of these destructive diseases, William H. Martin, plant pathologist at the New Jersey agricultural their first four days of life to all the experiment station, says in substance: Peach yellows is by no means a new disease in New Jersey; the term was coined as early as 1791, when the disease made its appearance in the lower infected. Delaware river valley.

The most characteristic symptom of yellows, the article reads, is the ripening of the fruit several days to two weeks in advance of that of a normal tree. In addition to this the fruit from an affected tree is commonly more or less red-spotted and blotched. The spots occur either on the skin or throughout the flesh. Little peach differs from yellows in that the fruit remains small and ripens from seven to ten days later than normal fruit of the same variety, and the diseased fruit is frequently flattened and somewhat irregular in form.

A tree affected with yellows develops sickly, wiry and finely branched shoots on the trunk. These muchbranched shoots may appear on a very young tree and are an important symptom of the disease. Young trees show drooping of the leaves toward the branches and trunks of the tree, combined with a slight curling of the tips toward the petioles or leaf stems. The foliage, of the tree is frequently yellowish green, although this is not always the case. On a tree affected with untested stock. They will buy from little peach the leaves droop toward the branches and are curled and lay the eggs. The blood test is the rolled; their color becomes lighter, usually a mottled yellow-green.

In conclusion Dr. Martin says: "In many sections small, neglected orchards exist which contain a large per cent of diseased trees. Conditions are | tion. better in the imported fruit-growing sections, but a number of diseased Convenient Nests Easy trees are to be found. These trees are a menace to the healthy trees and should be destroyed. It is a waste of time and money to attempt to bring them into bearing."

The New Jersey State Horticultural society advocates that active steps be taken to reduce these dangerous diseases, and in the opinion of Doctor Martin, all peach growers would do not be under them. well to co-operate in a plan of eradi-

Spray From Under Trees to Control Aphid Pests

It is extremely difficult to control aphids on apple trees by spraying unless a systematic method is followed in spraying each tree. In experiments conducted in apple orchards in western New York by the entomologists of Geneva, N. Y., it was found that when spraying was done from the top of the spray tank the results were quite uncertain, due to the fact that the insects congregated on the lower

branches of the trees where the spray mixture failed to reach them. At the same time, in orchards where the station spray system was followed, in which the spraying was done from the ground and under the trees, practically complete control of the pests was accomplished. In the station method, the spray out-

fit is equipped with a sufficient length of hose to enable the nozzleman to work from the ground and under the tree. He then takes up certain designated positions in spraying each tree which insure the spray mixture reaching the underside of every branch and twig. By moving from place to place and by maintaining a pressure of at is claimed that each tree can be completely covered in a relatively short time. The station tests and spray system are fully described in Bulletin 487 which may be obtained from the staperiment Station.

Orchards in Sod

There are probably more orchards in sod than under tillage in America. This does not demonstrate the desirability of sod, but, since letting trees run to grass is cheap and easy and tilling them is laborious and expensive, it chiefly shows that many fruit slovenly or practice not spending meat scrap and 5 pounds bone meal is after the entire hole is filled. Ragged growers are careless, or lazy, or where they should practice right

Handle Fruit Carefully

After fruit is picked and packed, it on farms in the must be carefully handled on its way at the present time. to market. Good roads and wagons ages very hear one truck to or trucks with good springs have done This is a re much to lengthen the life of small ant of truck usage fruits over what it formerly was. ricts when it is re- The precooling and icing of refrigerofficen years ago a ator cars for long distance transporusity even in the tation of small fruits would be of no thow realizes that avail unless proper transportation rendered by a from the fields with the fruit protect-I such value that he can ed from dust and sun was insisted

Tillage for Fruit Trees

Everyone who grows crops accepts road commission this generalization as to the value of the total federal aid tillage in general agriculture. Yet ble that you can help her through the States is paid by au- somehow the notion exists that fruit with a comfortable trees are unlike other crops and do ing foods. This means to give her Since 1917, the fed- not need tillage. It is a notion that enough protein. The feeding of a Rovernment has collected from has been discredited many times by wet mash once a day, containing milk, delle industry, in taxes, the careful experimental work, and every will help. A little oilmeal added to the total of federal aid for road per cent of the special motor read accessory taxes.

Careful experiments and note in any fruit this ration will improve it. It is possible that by carefully handling the special motor read accessory taxes.

Maybe the vacuum cleaner is out this ration will improve it. It is possible that by carefully handling the special motor read of reach in price, but one home concoked rice, macaroni, or vegetables isn't a state prison offense, but it is an offense against the family pocket-throughout the molt. This, nowever, throughout the molt. This, nowever, throughout the molt. This, nowever, the careful experiments and the water from the vacuum cleaner is out of reach in price, but one home concoked rice, macaroni, or vegetables isn't a state prison offense, but it is an offense against the family pocket-throughout the molt. This, nowever, the careful experiments and the water from this ration will improve it. It is possible that by carefully handling the old stock they will continue to lay throughout the molt. This, nowever, the careful experiments are also in price, but one home concoked rice, macaroni, or vegetables isn't a state prison offense, but it is an offense against the family pocket-throughout the molt. This, nowever, the careful experiments are also in price, but one home concoked rice, macaroni, or vegetables isn't a state prison offense, but it is a better well and the continue to lay throughout the molt. This, nowever, the continue to lay the water from the continue to lay the continue to la tilled land.

PREVENT SPREAD OF DISEASE OF CHICKS

The method of spread or transmission of white diarrhea is well known. not been severe the past few years That method is this: Chicks that surlieve that these troubles are on the tain percentage of the eggs laid by that hen when grown are infected be-In an article in New Jersey Agri. fore hatching. The chicks come out mediately show symptoms of white diarrhea and this spreads through other chicks in the flock. During the first four days of life, if one chick comes out of the batch infected, others of that particular batch will become

Prevention consists in hatching chicks from eggs free from infection. If your chicks get the disease, treatment is practically useless. Attention would be better given to prevention than to treatment. Kill all noticeably diseased. Remove all free from dis-

ease away from infected premises. The only satisfactory method of determining whether a hen is infected is by means of blood test. Draw a small be bred from. The college is testing blood free of charge at the present time and will soon have a bulletin available explaining this method.

The proper time to test for white diarrhea is in the fall after culling. Test all hens you propose to keep over for breeding purposes. One test may ture, not eliminate all disease. Test at least every year, or every six months, until you know they are free. Do not add to your flock any bird you do not know to be free from this disease.

All may soon be forced to test as people are going to stop buying indiseriminately from hatcheries or breeders whose eggs come from unknown, the hatchery that tests the hens that only means at all satisfactory for the elimination of white diarrhea, as it eliminates the hen that lays the eggs that are infected .- Dr. H. E. Newsom, Pathologist, Colorado Experiment Sta-

to Keep in Good Order Good nests are easy to clean and easy to get at when collecting eggs. They are most convenient to reach when located under the dropping boards or on the side walls. Unless the dropping boards are at least four feet from the floor, the nests should

There should be one nest for every four birds in the pen. A box 12 by 12 inches is the most suitable size for the average bird. A 1 by 4-inch piece placed about four inches in front of the nests will give the hen a place to step from into the nest. By hinging this strip it can be used to close the nests against pullets in the fall and the broody hens in the spring.

The New Jersey experiment station ranks nesting materials in the following order: hay, shavings, sawdust the New York experiment station at and straw. To make cleaning easy, they suggest building nests in sections 12 by 12 by 16 inches, with a strip in front of 1 by 4-inch material to hold in the nest filler and a similar strip for the back of the nests. This sets on a platform the width of the nests and as long as the row of nests is to be. The nests are covered with a top of matched lumber which answers for the platform for the second tier of nests. When it is desired to clean the nests, they are simply pulled off the platform and all the nest material falls to the floor. These nests can be used either under the dropping boards or on the side walls.

Chicken Lice Destroyed

by Dipping in Solution Chicken lice can be easily destroyed by dipping the birds in a solution of sodium fluorid and water. Five ounces least 200 pounds at the spray tank, it of sodium fluorid dissolved in a tub containing five gallons of water will be sufficient to treat 100 adult birds or twice that number of chickens ten to twelve weeks old. Every bird on the place should be drenched in this tion free of charge. New York Ex- solution to entirely eliminate poultry lice for the next few months. Select in the forenoon.

Meat in Growing Mash

Do not feed over 10 per cent meat in the growing mash, as a high prostead of developing growth. Thirtyfive pounds of cornmeal, 25 pounds bran, 25 pounds middlings, 10 pounds but do not leave, out the bone meal, particularly in this case.

Remedy for Scaly Leg

Scaly leg is a common summer disease among poultry. It is caused by a small parasite that burrows into the scales of the bird's leg, causing them to protrude. One good way to cure it is to fill an empty fruit can with coal oil and keep the legs of the bird immersed in this for a few minutes. If this is done twice a week for a month it will usually kill the parasites, but it is well to supplement this treatment by using lard as an ointment for the legs.

Critical Period for Hens

The molting period is a critical time for the laying hen. It is possimoult by feeding her feather-producVARIOUS USES FOR WIRE FRYING BASKET



Wire Basket for Deep Fat Frying.

(Prepared by the United States Department | fast, place the required number in the If one happens to possess a wire frying basket, which of course is kept scrupulously clean, there are many daily uses for it besides the occasional vial of blood from each hen that is to deep-fat frying for which it was bought.

After washing fruit, celery or lettuce the wire basket will be found a more effective drainer than a colander. It can be set directly on the ice to keep the product crisp, says the United States Department of Agricul-

Scalding Tomatoes.

All the tomatoes for a salad may be scalded before peeling by lowering them quickly into boiling water for a few seconds. Some peel peaches in the same way. Beets may be readily peeled if after cooking they are plunged into cold water merely long enough to loosen the skin but not chill the hot vegetable.

wire basket and lower into boiling water. When the eggs are done they can easily be removed all at the same time by lifting out the basket. In fry ing croquettes or potato chips the use of the wire basket to hold the mate rial to be fried saves time and energy. Frying Doughnuts.

For frying doughnuts instead of placing the doughnuts in the basket use the bottom of the basket to force the doughnuts under the surface of the fat as soon as they rise to the top. This use of the basket saves time and fat, for doughnuts fried under the fat absorb less grease and can be fried in a shorter time. The basket can also be used to drain the fat from the doughnuts after frying.

Another use for the wire basket is in grating soft cheese. It is much easier to force the cheese through the meshes of the wire basket than In boiling eggs for the family break- through a grater.

TOMATO MINCEMEAT

DIFFERENT WAYS TO MEND RUGS AT HOME

Carpet Yarns Are Stiffer Product Left Over at Can-Than Ordinary Wools.

Prepared by the United States Department

Several methods of home mending of rugs and carpets have been tested in the United States Department of Agriculture, which gives the following | ished in winter pies, suggests the Unitsuggestions: Select wools for mending to match

if possible. These may be raveled from scraps of carpet, or bought from night. The salt left on the tomatoes carpet dealers, or if necessary heavy need not be washed off. In the morn-Carpet yarns are stiffer and more durable than ordinary wools and should with a large eye will, of course, be needed, and curved scissors are particularly convenient for clipping the threads when mending a rug or carpet with velvety pile.

Darn ingrain carpet with the overand-over stitch used in mending stockings, and work in the design on this background.

In pile rugs, such as brussels, wilton, and some kinds of oriental weaves, replace the linen, jute or cot-



Mending a Rug at Home.

ton backing first and then work in the a warm day and dip the birds early pile with colored yarns. Just how to make the pile stitch depends on the texture of the rug, but a good method can quickly be developed by experimenting. It is generally made by knotting the yarn around the warp in such a way that it holds firmly and the tein ration will mature the pullet in- ends stick up to form the velvety surface of the rug. These ends can be clipped off after each stitch is taken, or they can all be sheared at once shabby and are not difficult to repair. Sometimes they can be bound or blanket-stitched or overcast with stitches run into the rug at least a half inch or, what is much better looking, an excellent selvage similar to that on oriental rugs can be made. Lay one, two or three cords along the edge and with black or neutral-colored wool darn them to the rug with over-and-under stitches set close together. Choose cords of such size that when covered with the wool a durable, flat strip about the thickness of the rug is formed and use hard-twisted wool or regular carpet wool if it can be obtained.

HOUSEHOLD FACTS

People who get fussy about their digestion and assume personal conare apt to have no digestion.

IS SOMETHING NEW

ning Season Made Useful.

(Prepared by the United States Department of Agriculture.) A good use for green tomatoes, left

at the end of the canning season, is mock mincemeat, which will be reled States Department of Agriculture. Slice up a quantity of green tomathose of the rug in color and texture, toes and sprinkle well with salt. Put

into a bag and hang up to drip all knitting yarns may be dyed to match. ing take equal weights of sugar and tomatoes and cook until the tomatoes are thoroughly done. To 7 pounds of be used if obtainable. A stout needle the mixture of tomatoes and sugar add 3 pounds of seedless raisins, with mace and cinnamon to suit the taste. Cook a short time after adding the seasoning and put into jars. This will keep without being sealed and will make delicious pies, which many consider as good as those from ordinary mincemeat.

Another use for green tomatoes is in pickle making, in combination with cabbage, onlons and green peppers, which are usually plentiful at the same time in the fall. The recipe below has been found very satisfactory. It may be made without the sugar if preferred.

Green Tomato Pickle.

gallon green to- 1 tablespoonful whole cloves 1 tablespoonful dozen whole allspice ontons cupfuls brown 1 tablespoonful celery seed (crushed) 1/4 lemon 1 stablespoonful mustard seed tablespoonful 1 tablespoonful ground mustard

Slice the tomatoes and onions thin. Sprinkle over them one-half cupful of salt and let stand over night in a crock or enameled vessel. Tie the pepper, cloves, allspice and celery seed in a cheesecloth bag. Slice the lemon and chop two pepper pods very fine. sick child tomorrow. It doesn't cramp Drain the tomato and onion well. Add or overact. Contains no narcotics or ail seasoning except one pepper pod to the vinegar, then add the tomato and onion. Cook for one-half hour. stirring gently at intervals to prevent tions for habies and children of all burning. Remove spice bag to prevent ages printed on the bottle. Mother! darkening product. Pack in jar and You must say "California" or you garnish with slender strips of the red may get an imitation fig syrup. pepper. Process for 15 minutes.

Spoon Bread Is Always Acceptable in Morning

There are many ways of making corn bread, using part or all cornmeal. Old-fashioned spoon bread, so-called because of its soft, moist texture, is one of the most popular corn breads. can only keep it by merit, The United States Department of Agriculture has tested this recipe:

1 teaspoonful salt 1 cupful corn-2 cupfuls water tablespoonful 2 eggs 1 cupful milk shortening

Place the meal, salt, shortening and water in a double boiler and cook for ten minutes, stirring until smooth and thick. Allow this to cool somewhat, then add the well-beaten eggs, and finally thin down to a batter with the milk. Beat well, pour into a greased pan or baking dish, and bake in a rather hot oven for about 30 minutes.

Dried fruit is more appetizing than it sounds. Long soaking is one thing that makes it good.

A household schedule that does not find some place for a little time out trol of their nerves have "nerves" and of doors is likely to be a poor sched-

Maybe the vacuum cleaner is out Throwing away the water from

WHOLE FAMILY ENDORSE TANLAC AS BEST TONIC



friend for years, and my wife and myself and eight children are all enjoy- health. But now she weighs 155 ing wonderful health, largely due to pounds, and is strong and well and this medicine," is the remarkable I am giving Tanlac credit for it. We statement of Harry H. Pistole, 310 give Tanlac to the children to tone Archer St., Waco, Texas.

"In my own case Tanlac has done what seemed to be impossible. When I began taking it my stomach was in such a bad fix that I had to live medicine on earth for anyone whose on a milk and egg diet and I was life is wrecked by bad health. We almost a skeleton. I had been flat on sure do have a great deal to praise my back in bed and under treatment Tanlac for at my house." for 18 months and felt that my time was about up.

"After my case had been given up as hopeless and I thought I was beyond redemption a relative put me on to Tanlac, and the result is, I gained pation; made and recommended by the 20 pounds, and enjoy as good health manufacturers of Tanlac.

Eat Sweets, Lose Weight

ing sweets. This is a mistake, for

those who would lose weight. Too

much food is the usual cause of corpu-

lence, and a slim diet offers the ob-

vious remedy. A scant meal, though,

does not seem so scant if brought to

an end with dessert, and the practice

of following lean meals with sweets

is recommended as an aid to perse-

verance with a "reducing" diet .- Pop-

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It Often Happens

that you may cling to them and be

called an old fogy ten years from now.

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probation without deserving it, but you

The danger in having liberal ideas

soothing drugs.

-Duluth Herald.

ular Science Monthly.

sweets offer a valuable weapon to inches out of plumb.

English Leaning Tower The tower of the Salisbury cathe-Stout persons, anxious to "reduce" dral in England, too heavy for its usually make a special point of avoid-

chalky site, leans about twenty-eight

"My wife was all broken down in

them up and make them grow, and

nobody ever had a healthier set of chil-

"Tanlac is certainly the greatest

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gists. Accept no substitute. Over 40

dren than we have.

million bottles sold.

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