EOR THE FARM AND HOME.

The Best Weight for Market Pigs.

The style of market pig has undergone a great change wi hin a few years. The large 400 or 500 pound hog is now seldom found. The overgrown hog is no longer sought after, and pig feeding has been more carefully studied of late years. Shrewd feeders have found that the older the hog the more its carcass costs per pound. It is also found that the flesh of the large hog is coarser and stronger, and not as sweet and fine-flavored as a ten or twelve months' pig. It is true, the older the over-fattened hog yields more lard, but this does not carry profit with it, as lard often brings no higher price than the side pork. The inducement, therefore, to grow these large hogs no longer exists, and the 300-pound pig has displaced the 500-pound hog. - Live Stock Journal.

The Cabbage Worm.

A great number of remedies have been proposed or used for this formidable insect, commonly known as the "green worm." Some of them have obtained credit by using where the worms were few in numbers. Professor Lazenby says he has tried lime water, tar water, copperas solution, whale-oil soap, brine, powdered tansy, tobacco water, and pyrethrum, the last being the most effective, both as powder and in solution. In powder it should be mixed with twenty parts of flour, buck-wheat being best, and in solution a tablespoonful in twelve quarts of water. Dr. Sturtevant, Prof. Cook, and others have successfully used the kerosene emulsion, made of one ounce of hard soap, one pint of kerosene, and six quarts of water, well churned together and constantly stirred during application. It will destroy the worms if they are thoroughly wet, and should be used when they first make their appearance. It should be thrown with some force, using a fountain pump, Milk, sweet or sour, may be used in place of the soap. On a small scale an egg-beater may be used for mixing the ingredients. More recently bran and flour, and especially buckwheat flour, have been recommended, and appear to be effectual, if used when the worms are quite young; when mature they do not care a cent for it. A small handful will be enough for a cabbage head. It should be used when the dew is on. Two or three pplications may be necessary. Hot water, at a temperature of about 150 degrees, will destroy the young worms, but some skill is required to adapt the heat to its intended purpose without injuring the plants. Boiling water may be used if instantaneously applied, the water partly cooling in the air as it passes from the rose to the cabbages. -Country Gentleman.

Apple Tree Borer.

The apple tree borer, known as the round-headed borer, in its perfect state is a beetle three-fourths of an inch long, with two broad whitish stripes running the whole length of its back, with rather long and curved horn-like antennae. This beetle lays its eggs in the bark of the tree near the ground early in summer, and on till midsummer. These soon batch, and the young larvæ begin to gnaw their way inwards, cutting gradually into the solid wood. They are about three years in reaching maturity, when they come out in the form of the beetle already described. Their presence in the tree may be readily detected by the fine sawdust like castings from the holes. They are easily reached and killed by clearing away the openings of the holes with the point of a knife, and then punching them with a flexible wire or small twig. We have never found anything better than a small flexible twig from which the bark has been stripped to make it small enough to enter the holes. The operator knows when he reaches them by the peculiar touch. It is better to examine the trees often enough to find the larvæ when they are young, and before they have penetrated far into the solid wood. A partial remedy for preventing the laying of the eggs, is coating the bark from the ground well up with soft soap, or soap made as soft as thick paint, with washing soda and water. If applied in fair weather it becomes dry and will not soon wash off. It may be applied two or three times from the first to the slit between the bark and wood and through her usual jumps,

end of June. This insect attacks the pear, quince, mountain-ash and thorn. The flat-headed borer is half an inch long, more or less, of a pose. shining greenish black color. It is very common in the western and southwestern states, and is also found far north. It attacks the trunk of the trees from the ground up to the limbs, and lays its eggs at the South late in May, and in Canada in June and July. The eggs soon hatch, and the worms bore through the bark into the sapwood. It is much shorter lived than the round-headed borer. Sickly trees are more liable to its attacks than strong and healthy ones. The larvæ are easily found by using the knife, and are destroyed; and the eggs may be mostly excluded with the soap and soda wash already mentioned. The insect attacks the oak, soft maple, and several other trees .-Country Gentleman.

Farm Horse Points.

In the first place, what kind of a horse is best for the farm and road, for we want one that will answer both purposes equally well? We want a horse with a bright, intelligent face and eyes; a short, but not thick head; short ears, a neck small at the throat, deep at the shoulders, with a broad chest; short on the back, ribbed up close to the hips, with broad hips; 141 to 151 hands high, 1,000 to 2,000 pounds in weight. A herse that will do the most work on the least foodwear the longest and be the least apt to become unsound. The horse described will fill the requirements perfectly, providing the temperament is good. His frame is built solidly together, and he will retain his form and vigor, and will not become unsound in lung or limb with proper use, even when old. Such is the horse for farmers who must use the same animal for farm and road, for he is one that can draw a plough with ease, go to church in good style, or for the doctor in a hurry, or in a bad place can draw

Remedy for Meion Bugs, Flea-Beet-

Prof. Riley, entomologist, says: There is probably no more satisfactory general remedy for the striped cucumber beetle, and the different fleabeetles that so seriously affect cucurbitaceous plants, especially when they are small, than that so successfully employed by Mr. Quinn, the wellknown pear, small fruit, and truck grower of New Jersey. He sprinkles the vines with a liquid made chiefly of soaked tobacco stems and soft soap, and then powders them with lime. The following experience of Mr. J. M. Nicholson, of Godkinville, N. C., is, however, well worthy of being put on record as a most ingenious way of perpetuating the effects of the solution. Mr. Nicholson writes in a recent letter

"I would mention a simple contrivance which I have made and used with perfect success in exterminating bugs on melon and cucumber vines. bright. I took old oyster and fruit cans (tin) and filled them with a strong decoction of tobacco stems and water; I poured it on the stems hot and allowed it to cool; I set one can on each hill and placed therein a woollen string (in thickness about the size of a wheat straw) thoroughly wet it, and allowed it to hang down to the plants. The string acts as a siphon, and draws the liquid out drop by drop, and keeps the plants continually moistened with the offensive liquid, thus driving all insects away. It further assists in the growth of the plants by keeping the roots moist; yet so continual and gradual is the application that the sun neither scalds nor bakes the earth. I merely mention this, as it may be something new, and I assure you it is worthy of a trial, as it proved entirely satisfactory to me this season."

Forked Fruit Trees. any kind, says an exchange, can be kept from splitting down by twisting together one twig from each of the main branches. These twigs thus twisted together will in five years and, in spite of some fearful lacerations grow into a solid branch that cannot and loss of blood, fought with such be broken. Twigs which grow from the lower part of the branches are preferable for this purpose. If there are feet. He then forced the animal to go no such twigs on the branches a through its usual performance, as also "water sprout" or "sucker" should be a lioness who had once killed a man. allowed to grow; or one may be start- He entered the cage totally unarmed ed by nicely inserting a scion into a and succeeded in putting the lioness

in diameter can be used for this pur-

Green Tomato Sauce.-Take full grown tomatoes while yet green, cut out the stems and stew until tender; press through a sieve; season highly with cayanne pepper, salt, ground cloves, allspice and nutmeg; boil the pulp until thick. Worcestershire sauce may be added if liked.

Potato Soup .- Take a quart of milk, six large potatoes, a stalk of celery, an onion and a tablespoonful of butter. Put milk to boil with onions and celery. Pare potatoes and boil thirty minutes. Turn off the water and mash fine and light; add the boiling milk and the butter, and pepper and salt to taste. Rub through a strainer and serve immediately. A cupful of whipped cream added when in the tureen is a great improvement. This soup must not be allowed to stand, even if kept hot. Serve as soon as ready.

Pickled Cabbage. - Remove the outer leaves and the tough parts of the stalks from four large heads of firm white cabbage, shave it; and put it into an earthen jar or a wooden tub. sprinkling about half a pint of salt through it and let it stand overnight; the next day draw of the brine, put the cabbage over the fire, with four onions peeled and chopped, four ounces of mustard seed, two ounces each of ground mustard, celery seed and turmeric, one ounce each of whole mace, cloves, allspice and pepper, two pounds of brown sugar and enough vinegar to cover the cabbage; boil all these ingredients together until the stalks of the cabbage are tender; then cool the pickle and put it in air-tight jars.

Apple Custard.-Peel and core nine apples, and boil until mushy; mash smooth and add one grated lemon, the yolks of three eggs, sugar to taste; bake, and add frosting as for lemon custard.

Apple Cheese. -Pulp any amount of apples, and to every pound of pulp add a pound of powdered sugar, the grated rind and juice of four small lemons and four well-beaten eggs. When the ingredients are well mixed put them into a stewpan in which butter is melted in the proportion of one ounce to every pound of mixture. Stir it over a moderate fire until all the butter is thoroughly absorbed, then pour into pots or moulds. If tied down like jam and kept in a dry but not a hot place it will keep for many weeks.

Household Hints. Wormwood or pennyroyal will drive

Salts of lemon will take stains from ivory knives.

Camphor will prevent moths; the gum near your silver will keep it

When wall paper is discolored by the hair of people rub carefully with stale bread.

Use white oil cloth, bound with red, back of kitchen table, wash standsand under hooks to hang tin.

If you wet the upper crust of a pie with milk just before putting it into the oven it will be a rich and yet delicate brown without baking until the crust crumbles.

To make paper adhere to tin is sometimes a housekeeper's wish, and affliction also; it may be done by making a paste of gum tragacanth and water-to which add a few drops of oil of vitrol. The druggist of whom you purchase the material will direct you in regard to quantity.

The Beast Tamer's Peril.

A very sensational incident happened at the Cafe Menagerie, while it was exhibiting at St. Etienne, in Crotched or forked fruit trees of France. Agop, the tamer, had scarcely entered the cage of one of the tigers when the ferocious brute sprang on him and began worrying him tooth and claw. Agop, however, kept quite cool, determination that he finally overcame the tiger, which crouched down at his



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