### FARM, GARDEN AND HOUSEHOLD.

### Henlth Hints.

More than two tumblerfuls of water should not be taken at a meal,

Water that bas stood over night in an open vessel should not be used for cooking.

a powerful compression over the epigastrium-the upper and anterior portion of the abdomen.

All physicians join in recommending people to go up-stairs to sleep, and to avoid, if possible, sleeping upon the first floor of the house. Use plenty of bed covering, but always sleep with a few inches of the window open top and bottom.

A sprain is relieved from the first pains by hot fomentations, or the application of very hot bandages, but entire rest is the chief permanent remedy. The more the limb is used, especially at first, the longer the time required for the small broken fibers to knit together. The sprained leg should be kept in a horizontal position. When a leg is broken tie it to the other leg, to keep it still till a surgeon comes. Tie a broken arm to a piece of thin wood, to keep it still till set. Provide a State Port Ma Grago The sprained leg should be kept in a

PITTING IN SMALL POX .- Mr. Gregory, of Merchants' college, Blackpool, England, believes that "pitting," the sad and permanent re ults of smallpox, ought rarely to be seen in any civilized community. He starts with these facts: that poor people are pitted least, rich people are pitted most, and no class of people are pitted under their dress. Poor people have less light in their homes, the rich plenty of light, and under the dress there is less light than in either case. The explanation is a scientific one. The sunlight consists of three primary colors. The red, the blue and the yellow rays, have distinct and char-acteristic properties. The yellow gives us light and red gives us heat, and the blue actinism. It is the actinic influence of the blue rays which, in Mr. Gregory's theory, causes "pitting." No seed will germinate and the young plants will soon perish if the chemically active rays-that is, the actinic rays-are filtered from the sunlight. A yellow blind drawn over a window will absorb all the actinic rays. The pus of variolar pustules absorbs, by its yellow medium, the actinic rays, which results in corrosion of the tender flesh at the base, and thus leaves the dreaded permanent " pitting."

### Hints About House-Plants.

The best temperature for house-plants is from forty-eight degrees at night to seventy degrees during the day. Give sir on every warm, sunny day. If your plants should at any time get nipped with frost, shower them with very cold water, and keep them in the shade for a day or two. Furnace heat is the worst for plants, and that from a wood-stove the best. Keep the air moist-a pan of water kept on the stove, or a damp towel hung on the register will do this. Water thoroughly, but not too often. Shower all smooth leaved plants frequently. Wash the leaves of English ivy with clean cold water and a sponge-nothing else. Use water of the same tempera-

### Blue Clay, Beans and Chiccory Made to Imitate the Coffee Bean-Growing Trade In Adulterated Coffice.

ARTIFICIAL COFFEE.

The writer hereof, says the New York Evening Post, while sitting in the office of a large coffee and spice mill a lew years ago, heard a clerk ask the manas or Hiecough of a severe and prolonged whether an order for a large quantity of type has been cured in five minutes by ground coffee could be filled within a certain time, Before replying, the manager stepped to a speaking-tabe, whistled, and then asked: "Has that cargo of peanuts arrived yet ?" Having received an answer apparently sat-isfactory, he told the clerk that the order could be filled in the time menvery definite response from the manager. and it is only recently that the mystery has been solved to the writer's satisfac-

ground article, ceased buying any coffee except that which was roasted whole, and

For example, in England, application for a patent has been made for pressing finely-ground chiccory into molds of the exact shape of coffee beans. Under what form of "useful" art this invention may be classed, it would be difficult to say. That it has been put into use in this country, however, is evident from an analysis made for the Evening Post.

Dr. William A. Hammond, formerly surgeon-general of the United States, told the writer that, during the war, he found the coffee-grounds in the large government hospitals were regularly bought by certain dealers, who then sold them to coffee and spice mills. As nearly as he could remember most of the coffee-grounds from the Washington hospitals went to Delaware. The trade was so openly carried on that the dealers thought best to account for it by saying that the grounds were used not for making coffee a second time, but for adultering pepper and spices; but Dr. Ham-mond said that there were so many other things equally available for those pur-poses that he felt confident the spent coffee was dried, worked over, and, after being mixed with a certain proportion of fresh ground coffee, offered for sale. In the course of investigating this

subject, the Evening Post's representative happened to meet an old acquaintance formerly engaged in a coffee and spice mill. On being asked about some of the tricks of the trade, he said :

"Now, look here, you think there's nothing too bad to be done in one of these mills, but I can tell you of a trick that beats any adulteration they ever did clean out of sight."

Having obtained a promise that no names should be used, he said that he had been asked a couple of years ago if he would like to undertake the manufacture of artificial coffee, Being of a speculative turn of mind (and none too scrupalous) he went into the business.

"We used to buy a very soft, fine blue clay, grind it thoroughly and dry roasted it had all the appearance of genuine coffee, with the additional ad vantage to us of weighing more. Using twenty-five per centum of clay beans, which weighed about twenty-five per centum more than the real coffee, we would get six and one-quarter per cenum more weight out of a given quanti-ty by measure, and this additional weight was enough to pay for the work-ing of the clay into shape ; so that our clay coffee gave us a clean profit of twenty-five cents on the dollar, besides he profit on the genuine coffee.' "Did you sell much of it ?" "We did a very large business. We ould undersell any other house in the market, but we never ran down our prices so as to excite suspicion. By seeping just enough below market rates to secure a sale for all we could handle, we kept up good profits and a good reputation.

them appear like the better qualities. For instance, San Domingo, Mexican, Maracaibo and Rio are made to resemble Java by a kind of aweating. As Java sells about twenty three cents a pound wholesale, and the others at about fifteen cents a pound, the profit will be seen to be enormous.

Dr. Mott says in his report; Out of nineteen samples of ground coffee, soven packages were found adulterated. All seven contained chiccory, and two contained in addition roasted cereals. The addition of chiccory to coffee must be considered a fraud, unless the purchaser particularly asks the grocer to put it in. Because some people like the flavor of chiccory in their coffee is tioned. A not unnatural curiosity to learn what connection existed between coffee and peanuts failed to obtain any By the following simple test any housewife can easily ascertain with perfect certainty if chiccory has been added to tion. Peanuts for a long time were used her roasted coffee: On the surface of a to adulterate ground coffee, until the glass of water put a pinch of the coffee pablic, becoming distrustful of the to be examined-not more than half a tenspoonful; stir the coffee in with the water rapidly for one-quarter to onehalf a minute; if the water becomes immediately colored, and several grains sink to the bottom, it is a sure indica-tion that the sample is not pure. Pure ooffee only gives the slightest tint to the water, and rarely, if ever, any of its grains sink to the bottom, unless left to stand for several hours.

### A Night in a Vanit,

Not long ago the widow of a gentle man who had recently died desired the vault wherein the remains had been temporarily placed to be watched, so that body-snatchers could have no opportunity to ply their nefarious calling. Thinking that the vault would be watched better by the sexton than any one else, Mr. Badbone was hired to keep a close lookont. At dark he took a lantern and blanket and made a bed in front of the vault, so that any one ap-proaching it would have to step over his body. But after lying there there some time it grew quite cold, and he thought he could watch the corpse just as well if he went inside the vanlt, out of the cold. So he unlocked the vault and went in, but found that he could not lock the vault from the inside. That would never do, and yet he was determined not to stay outside. Finally he went back to the house and

aroused his hired man, and the two went back to the vault, Mr. R. then took his lantern and blanket and went inside, made a bed on the floor, and laid down for the night, having for companions to while away the tedious hours six corpses. The attendant locked the door from the outside and went back to the house and his warm bed, leaving the sexton alone in the vanlt with his silent companions. There was nothing to disturb his tranquility during the early part of the night. About one o'clock there was a gentle noise, as though some one were tampering with the vault lock. Mr. R. took up his lantern, and the noise stopped for a few moments, only to begin again when he laid down on his blauket. This time it appeared to be in an opposite corner of the vanit. He could see nothing, and could only hear that steady three as the room. The oleander, calla and hydrangea may have water standing in the sancers under the pots. Vines should be watered more frequently than other plants. scratch, scratch, which became more half a mile, and at an uncarthly hour to have such an unexplainable noise as that, it was more than men with ordinary that, it was more than men with ordinary nerves could stand. At any rate his hair began to rise, and just as he was think-of the best way to defend himself against his spiritual foces a little chipmunk dash-ed from a dark corner, ran past him and darted out between the bars in the vanit door. From that time are pothing door. From that time on nothing occurred to mar his quite watch, but in the morning he was rather glad to be released from his dull quarters.-Toledo (Ohio) Blade.

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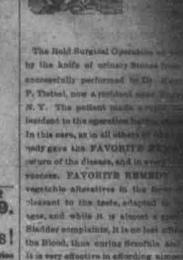
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DRD KENNE D

A few drops of ammonia added to a pail of water, and applied once a week, will prevent the earth in the pots from getting sour. In giving liquid manure, a heaping tablespoonful stirred into a water-pailful of water is enough. To kill the green fly or plant-louse, smoke the plants with tobacco. Very weak lime-water will kill worms in the pots. Red spiders may be gotten rid of by frequently wetting the foliage and keeping the atmosphere moist. A pinch of flour of sulphur, sprinkled now and then on the leaves, will keep off mildew. If the scaly-bug attacks your callas, oleanders, and the stems of your rose bushes, exercise your patience by pick-ing the insects off, and wash the affected parts afterward with weak soapsnos, The mealy-bug, which looks like little more than a bit of dirt, must, like the scely-bug, be removed by hand-picking. -W. M. F. Round.

### Plant Fruit.

D n't fail to prepare for planting or-chards early the coming spring. The farmer who has a generous supply of good apples in the cellar in winter, is to he congratulated. They make good pies, good dumplings, and are good stewed, baked or raw. They are healthy food for children and old folks, too. The acid of ripe frait is said to be an antidote for worms in children, and that children with plenty of apples to eat are never troubled with the n. Baked apples and bread and milk furnish a repast good enough for anybody. There are some persons that like milk, but it does not digest well. It forms curd in their stomachs. If, however, they will use baked or stewed apples with their milk, they will experience no such trouble, as we have learned by experi-ence. The juice of the fruit, and the fruit itself, prevent the formation of the curd, and the food taken is easily digestible, healthful and nutritions. Nearly all kinds of food are digested easier if fruit is indulged in at meals. The cheapness, healthfulness and nutritious quality of fruit should recommend its careful culture by every farmer .- Colman's Rural World.

### Care of Orchards.

Many orchards become unproductive. To restore them to productiveness sow them in clover, and when the clover is well established turn in the hogs and sheep. Their droppings will fertilize the ground. They will pick up all the worm-falls, and this will wonderfully lessen the destruction of fruit by worms. Top dressings of rotten manure, leaf mo'd, ashes, lime, etc., are very bene-ficial to orchards that have been in bearing a few years. Orchards can only be kept good by good care, good manuring and good pruning. Labor is indispen-sable to success in fruit culture, as in all other things.

Some people can even jest with mis-fortune, as was evidenced by a man who, when thrown out of his sleigh into a heap of snow by the roadside, said that he had lost his balance in the bank. ing inferior kinds of coffee so as to make Chew Jackson's Best Sweet Navy Tobacco BS A DAY PROPIT. Agents' Sample, 6 cents

## "Where did your clay come from ?"

"That I can't tell you. I've gone but of the business myself for reasons of my own, but"-

"There are others still engaged in it; is that it ?"

"Well, I reckon I've told you enough for one day; suppose you hunt up some body else.

A diligent search through New York and Brooklyn failed to discover any more trace of this business, and it is probably carried on in Bost in, Philadelphia or the West.

That chiecory and cereals (beans, wheat or rye) are made to resemble the native coffee bean is proven by the analysis of the samples bought in different New York groceries. The first eight samples mentioned in Dr. Mott's report were bought whole and ground in the presence of the buyer. Unfortunately no samples of the whole beans were taken, but the fact that chiccory was found in considerable quantities in twenty-five per centum of the samples shows that it must have been pressed into shape to resemble coffee. Housewives, therefore, who have heretofore depended upon buying their coffee whole to get it pure, will find that they have been leaning on a broken reed, and Dr. Mott's simple test with a glass of cold water will be very useful to detect chicory. Care should be taken not to use more they a large pinch of the

jet of hot water is turned upon it for an instant. The heat of the coffee evaporates most of the water, bus about four to five per centum of moisture is restor-

ad. The objection to this trick is that

### Astonished Bears,

Passengers on the Erie railway morning express train for New York enjoyed a novel scene one morning recently while passing over the Delaware divison near Pond Eddy. The Sullivan county mountains rise in that vicinity five hundred feet above the road. On one of the bighest of the rocky peaks overlooking the Delaware river a large black bear and two half-grown cubs appeared in full view of the train. They remained as long as the train was in sight. After the train swept by the old bear hurriedly climbed a tree on the edge of the nountain. As long as the peak was in view of the train the bear could be seen, apparently watching it from her eyrie.

Little English, the most popular bootblack in Detroit, having observed the annual statements of the police superintendent, insurance companies and o on, determined to give the public some statistics relating to his own affairs. Wherenpon he has compiled the following : Paid-np capital, thirtyfour cents; surplus, six cents; number of "blacks" during 1878, 1,461; eash lost on street, \$1.20; number of fights, twenty-eight; number of victories, twenty-seven; present liabilities, two cents; dividend to stockholders, 600.

The National Complaint. Dyspepsis is the national complaint. Al-most every other man or woman you meet has whole to get it pure, will find that they have been leaning on a broken reed, and Dr. Mott's simple test with a glass of cold water will be very useful to detect chicory. Care should be taken not to use more than a large pinch of the coffee, since if a larger quantity be thrown into the glass, it may adhere to-gether in such a way as to make the test useless. In roasting coffee its weight is dimin-ished by evaporation of its moisture, from fourteen to twenty per centum. Some dealers succeed in recovering a part of this loss. Just as the hot coffee is withdrawu from the roaster a spray jet of hot water is torned upon it for an

Terribly exhausting are the night sweats which accompany consumption. But they, as well as the paroxysms of coughing, are inva-riably broken up by Dr. Wm. Hall's Balsam for the Lungs, which conquers the deadly malady, as well as bronchitis, pneumonia, pleurisy, asthma, diphtheria, and all other affections of the throat, lungs and chest. It saves thousands from untimely creases and is invashable in rea-Some dealers have processes for treat-





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