before the materials are spread.

If the soil is underlaid with heavy of fertilizing elements if the manure is is at least one advantage in applying manure in the fall, which is that the teams are not busy, and the hauling can be done with but little additional expenses. One mistake made in applying manure is that it is left on the surface. fruit. Cover and put away. While it is considered by some a disadvantage to plow the manure under, yet it will greatly prevent loss if the land is first plowed, the manure spread and the cultivator run over the field. By so the soil near the surface the soluble portions not carried off and the frost given an opportunity of disintegrating it. Whether the fall application is better than hauling out the manure in the spring can only be determined on each farm by the farmers, but much depends on how the manure is kept in the heap. On light, sandy soils, which permit the rains to go down, a large proportion of the soluble matter will be carried down by the heavy rains and melting snows, which renders fall manuring of no advantages, but if the manure be applied during the winter, in those sections where a few days plowing can be done at that season, the manure may be hauled and harrowed into the soil without danger of great loss.

smell of the bean was so obnoxious that Having this in mind I have planted this season several rows of late potatoes alternating with rows of early red valtime before the potatoes, and, according toto sprouts appeared above ground the omnipresent beetle found them and went to work with his usual activity. Although the bugs confined their depredations to the potatoes I several times found them upon the bean plants, but never any evidence that they had been feeding there. As the pods began to develop on the beans, while the potatoes were in the first stages of growth, I was compelled to desist from applying insecticides for fear of poisoning the beans. Thus, the potatoes bid fair to be a total loss. Has any one else tried the "bean remedy?"

CARBONACEOUS food should be fed, Brain, which is a food rich in phoscow that gives rich milk must have soup. food that abounds in the carbonaceous elements, such as cornmeal, etc., as the cream is produced mostly from such food. Many of the nitrogenous foods, however, contain a large porportion of heat-producing elements, and a variety will usually satisfy all demands.

IT is not as easy to keep apples now changes will effect them if they are not soon as signs of decay appear on the and let the oysters remain in the colanapples it indicates that they must be der. Put a tablespoonful of butter into the sand. The cuttings are to be inserted in the sand, which is made very wet, of

THE newly introduced bees, the Carniolans, seem to be growing in popular favor. An old beekeeper, who has tried all sorts of bees, has tried the Carniolans for two seasons, and says he finds them always ahead with a nice erop of surplus honey. He says in Gleanings: "I find them peaceable, industrious and very prolific; they gather but little propolis, and, as far as my experience goes, they winter better than

THE greatest problem confronting every breeder of improved stock is that of being able to duplicate at will the animal he has chosen for his model, and not until we produce a cow combining those qualities can we congratulate ourselves on having a model butter

CORN put in the silo makes a great deal better feed than hay, and makes as good butter as ever was made in June, and the change from summer to winter dairving costs almost nothing. It may be done gradually; the cost is nothing, and bake. and there is all the time an increase of production.

Among small plants no cultivator is better than a good sharp-toothed rake. Stir the surface every few days with this, and the labor and cost of cultivation will be reduced by half, and the better growth secured will be surprising to one who has never tried the plan of killing the weeds in their early youth.

THOSE who practice artificial incubation claim that October is the time to begin work for a winter supply of trouble will look fresh and retain their broilers. Last season the early broilers broilers. Last season the early broilers brought the best prices, and this has encouraged incubator operators to begin new tooth brush, but very sharp, to write the following: couraged incubator operators to begin new tooth brush, but very sharp, to work a month sooner, as boiler-raising is a winter pursuit.

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## HOUSEHOLD.

SWEET PICKLES are really more wholesome than others. Why? Beto determine than many others, as he cause they are often made of fruit answers well for sweet corn, but plenty which in itself is a desirable article of nure, the kind of soil and the nature of duet and when pickled is softer and less crisp than cucumbers or other sour season. Above all is the question of pickles. For peaches, pears, crab apthe economy of hauling and spreading ples, sweet apples, use the following in-the manure. Then, again, there is the gredients in this proportion. Three and one-half pounds of sugar, one pint of good vinegar and one-fourth ounce of loss when the heap is left until spring each of whole cloves, stick connamon, allspice and mace to each seven pounds of fruit. Select perfect fruit, not over clay there is but little liability of loss ripe. Cut out the blossom end from pears and crab apples. Steam the fruit spread at any time, provided the land is till tender, but not soft and put into not subject to being "washed." There jars. The tough skin of peaches should jars. The tough skin of peaches should be removed which is done easily after steaming. Some pears are much better for being pared. Boil the vinegar, sugar and spices together for five min-utes and goar immediately over the hot

PRESERVED GINGER. - As you pare the roots of the green ginger throw into cold water. Boil until tender, changing the water three or four times. doing the manure is incorporated with Make a strup of water and sugar, a cup of water and a pound of sugar to each pound of ginger. Skim carefully. Wipe the ginger dry and when the sirup is cold drop it in. Let stand over-night, Re-heat the sirup, skim and when cool pour over the ginger. In two days re-peat this with the difference of pouring the slrup when hot over the ginger. Cover tightly. May be used in ten

One of the simplest, quickest and yet most delicious ways of cooking oysters is the "Dry Stew," or panning them. Wash thoroughly and allowito drain in a colander five or ten minutes. then pour them into a hot spider, cover closely, and hold over a hot fire, in two or three minutes they should be turned THE BEAN REMEDY FOR POTATO over, or shaken very thoroughly, and at Bugs .- A western farmer writes an the end of five minutes they should be item that was extensively published last sufficiently cooked. It is well to shake season, to the effect that a bean seed in the spider or stewpan the most of the each potato hill would keep away time to prevent their sticking to it; to potato beetles. The theory was that the make sure of this however you may uncover them for a moment or two and the bug would not feed in its vicinity, stir them with a spoon. Salt and pepper slightly, have your dish hot, with plenty of good butter in it, and pour the oysters in. If unaccustomed to entine beans. The beans were up some this method of preparation, you will be time betore the potatoes, and, according astonished at the quantity of gravy to the theoy, should have acted as they make, but great care must be taken "scare-bugs." But as soon as the podone they will be plump. If overdone will shrink and be tough, hard and indigestible.

ESCALLOPED OYSTERS are very popular Have your cracker crumbs rolled fine, and put them in alternate layers with the oysters, seasoning slightly with salt and pepper, but be liberal with the butter; be careful not to have the layer of crumbs very thick, as they will absorb all of the moisture of the oyster, and make them too dry. Later in the season we will resume this favorite topic with some added recipes.

CARAMEL FOR SOUPS, -- One pint of when they are required, in preference water, half pound of brown sugar. Put paratory to winter. to the foods that are nitrogenous. just enough water with the sugar into a Brain, which is a food rich in phosphates, is one of the best foods to accompany all others, but the amount of carbonaceous food should be regulated by the product. A young animal does by the product. A young animal does the time. Cool and strain it, and keep not require as much heat-producing it in tightly corked bottles. A tablefood as one that is being fatted. A spoonful is usually enough to color a Hybrid perpetual and moss roses are

three quarts of water; cut up a small onion, fry it in a little butter and add it to the soup with a little parsley. After the chicken has boiled to shreds, Skim the soup well, strain it, and return it to the pot. Put three pints of this means, the following plan is recomas when the weather is cold. Sudden oysters with their liquor on to boil, the mended by a florist: Take a pan at moment they begin to simmer pour the least three inches deep-the circumferstored in a cool place at present. As broth through a colander into the soup, disposed of at once, or they will soon to a saucepan, let it begin to boil and in the sand, which is made very wet, of rot. If not convenient to a market all then add a tablespoonful of flour; stir apples that are libale to decay should them well together; add the chicken be made into cider for vinegar. The and oyster broth, season with cayenne ceive the full light of the sun, which keeping qualities also depend on the pepper and salt; let it boil up once, add | will not injure the plant in the least, the oysters and serve.

BROWNED BEAN SOUP.—Soak a become dry for a moment, otherwise quart of beans all night; in the morn-BROWNED BEAN SOUP .- Soak a ing boil them until soft, but not to from the pan is necessary, as the atbreaking; put into a bean pot or deep mosphere will evaporate the water fast pudding dish with a half pound of parboiled salt pork and bake to a fine the brief time required for the cuttings brown. Fry half a sliced onlon in drip- to take root. A solution made by soak ping and put it into a soup kettle; add | ing tobacco stems in water and sprayed the beans, the pork minced fine, two stalks of celery, chopped, and three quarts of cold water; cook one hour; after it begins to boil rub all through a colander; return to the pot, stir in a tablespoonful of browned flour, simmer an effective remedy for scale bug on five minutes and turn out. Lay thin ivies, slices of peeled lemon on the surface.

CHOCOLATE CAKE, -Beat up a quarter-pound of castor sugar with two late grated, a little lemon peel, one- will destroy slugs on rose bushes as quarter pound of ground almonds, the whites of six eggs previously whisked to a stiff froth and one ounce of flour; pour the mixture into a buttered mold

into quarters, remove the seeds and skin, cover with salted bolling water and boil until done. When cooked replied the senior. The Bookkeeper and boil until done. When cloked replied the senior. The Bookkeeper mash the squash and add one ounce of followed instructions and penned the butter for each small one. Moisten with gravy or broth and put in little If you do not settle within ten days we paus or dishes; cover with bread crumbs, place tiny bits of butter on top and bake a delicate brown in a brisk oven.

IVORY ornaments, unless carefully cared for, become yellow. They are very easily cleaned, and with a little lustre for a long time. A simple way A CORRESTONDENT wants to know if there is any truth in the assertion of an agricultural paper that the potato will soon run out. You musn't believe all you read. A good deal of potato "rot" is printed in farm journals.

Next dry it and brush until the luster re-appears. A little alcohol poured upon the brush will increase this luster. If the trinket has become very yellow dry in a gentle heat. The yellow will soon disappear and the ornament look as good as new. Next dry it and brush until the luster

CORN for the silo may be planted this month, provided the early varieties of sweet corn be used. Land that has turned sternly from the slight, quiver-produced a crop of early potatoes ing figure, convulsed with sobs, and, of manure should be used.

WHEN a horse with a heavy load stops to rest do not start him again until he has had plenty of time to recover his strength. Some horses will s'ow an inclination to proceed after they have thoroughly rested.

A. R. WHITNEY, of Franklin Grove, Ill., says that for many years he has planted only top-grafted trees, his experience having shown that on the average they bear ten times as much fruit as root-grafted trees under the same conditions of treatment.

It Don't Pay to experiment with uncertain remedies, when afflicted with any of the ailments for which Dr. Pierce's Golden Medicai Discovery is recommended, as it is so positively certain in its curative effects as to warrant its manufacturers in guaranteeing it to benefit or cure, or money paid for it is returned. It is warranted to cure all blood, skin and scalp diseases, salt-rheum, tetter, and all strofulous sores and swellings, as well as consumption (which is scrofula of the lungs) if taken in time and given a fair trial. Don't hawk, hawk, blow, spit, and disgust everybody with your offensive breath, but use Dr. Sage's Catarrh Remedy and end it.

To keep good actions in memory refresh them with new.

A man who has practiced medicine for 40 years ought to know salt from sugar; read what he says:

he says:

Toledo, O., Jan. 10, 1887.

Messrs, F., J. Cheney & Co.—Gentlemen:—I have been in the general practice of medice for most 40 years, and would say that in all my practice and exprience have never seen a preparation that I could prescribe with as much confidence of success as I can Hall's Catarrh Cure, manufactured by you. Have prescribed it a great many times and its effect is wonderful, and would say in conclusion that I have yet to find a case of Catarrh that it would not cure, if they would take it according to directions.

Yours Truly,

Yours Truly,
L. L. GORSUCH, M. D.
Office, 215 Summit St.
We will give \$100 for any case of Catarrh that
can not be cured with Hall's Catarrh Cure.
Taken internally.
F. J. CHENEY & CO., Props., Toledo, O. A Sold by Druggists, 750

Silks and satins put out the kitchen

Catarrh is caused by scrofulous taint in the blood, and is cured by Hood's Sarsaparilla, which purifies and enriches the blood and gives the whole system health and strength. Try this "peculiar medicine." It is prepared by C. I. Hood & Co., Lowell, Mass.

Wit is folly, unless a wise man hath the keeping of it.

Frazer Axle Grease. The Frazer Axle Grease lasts four times as long as any other. Use it, and save your horses and wagons, A trial will prove that we are right.

Wrong no man.

You wear out clothes on a wash board ten times as much as on the body. How foolish. Buy Dobbins' Electric Soap of your grocer and save this useless wear. Made ever since 1864. Don't take imitation. There are lots of them.

Confide in few.

We recommend "Tansill's Punch" Cigar, FLORAL NOTES. The lover of flowers is now interested | kel?"

in increasing her stock as well as keeping them in a healthy condition, pre-

be propagated in the open ground, rooting in pots under a bell glass or similar arrangement of glass is the surer and speedier method for cuttings of Bourbon, Noisette and tea roses. difficult to strike, and an authority on the subject states that they cannot be CHICKEN AND OYSTER SOUP.—Cut successfully propagated without some up a chicken and put it on to boil with provision for bottom heat, such as the professional florist applies in propagat-

ing houses.

To make cuttings of geraniums, verbenas, carnations, heliotrope, lantanas or any plants usually propagated by ence may be as large as you wish-fill the consistency of mud. The pan should then be placed where it will reprovided the sand is kept constantly wet, being careful never to allow it to enough to prevent any stagnation during

The use of soapsuds and a brush is

A little white hellebore powder stir-red into water and sprinkled upon them at evening will usually keep rose bushes free from insect enemies. One who eggs, then add very gradually the yelks has tried it says that nothing, not exof six eggs, two small cakes of choco- cepting hellebore, Paris green, etc., well as wood ashes.

A "Saucy" Business Letter .- A story is told of a prominent Third street clothing firm. Looking over their books they discovered an account of long SUMMER SQUASH .- Cut the squash standing. "Write him a saucy letter, said the junior member to the bookfollowing: "Your account is past due. will draw on you at sight." This letter

was handed to the firm. "Do you think that is a smart letter?" asked one of them. "It is a business one," said the book-

"Well, I don't think so," replied the

"Who bought my goods? You."
"Who promised to pay for them?

You," "Who didn't do so? You." "Who is a liar and a thief?" "Yours."

And, after signing the firm's name, he handed the effort chucklingly to the

THE BEST OF THE CURRENT ANEC-DOTES PACKED IN ONE BUDGET. -He leaning his elbows on the mantelpiece, gazed darkly into the empty grate. "Then it is true?" he said, as the

frown deepened on his brow. "Forgive me!" she sobbed, rocking to and fro in her grief and abasement. "But you told me you had never loved before-that no man had ever stirred your heart."

"Not as I have loved you," she cried wildly. "And yet you admit that you were

engaged to Ferguson, of the Class of "Yes," she murmured. "And that before that you had an understanding with Williamson, of

186911 "Yes,"

"No, no," she cried, "not with him; with both his brothers in the Sheffield Scientific, but not with him." "But you were engaged to baddiman,

"And with Graham, of '85?"

of '85?" he went on, referring to a letter in his hand. "Can you not forgive me?" she plead-

"I could, Clara," he said, after a "I believe I could bring myself to it if that was all. But you were also engaged to McHaffy, of '84?"

"Ah!" she cried feeby, "do not spurn

me from you!" "What have you to say for yourself?" he demanded hoarsely. "Speak, womanty

She rose to her full height and looked at him with a pathetic dignity in her "Ah, George," she said, "you little

know the exigencies of a young girl's life in a college town." For an instant he hesitated, as if his

better nature moved him, and then he turned toward the door. 'Farewell!" he said, and walked rapidly away. In another second the street door clashed behind him.

With one heart-breaking cry the girl flung herself on her knees and buried her face in the cushions of the parlor

"All is over!" she cried brokenly. "He was my last hold. Henceforth I am reduced to freshmen!"

Indisputable Evidence.-De Lole-'Where do you intend to spend your vacation?"

De Pole—"I am going to our milk-man's dairie farm. There is the finest kind of fishing in that neighborhood." "Huh! You don't take his word for it, do you? '

"No, indeed. We've found young trout in his milk."

Knowledge Costs Money .- Irate Patron-"See here, sir. I dropped a nickel into this machine, and nothing came out."

Agent-"If nothing came out, that shows it's empty." "But, sir, what do I get for my nic-

"Information."

THE one prudence in life is concen-In regarding to roses it may be said tration; the one evil is dissipation; and that while some of the hardy roses can it makes no difference whether our dissipations are coarse or fine.

Some Foolish People Allow a cough to run until it gets beyond the reach of medicine. They often say: "Oh, it will wear away," but in most cases it wears them away. Could they be induced to try the successful medicine called Kemp's Balsam, which is sold on a positive guarantee to cure they would immediately see the excellent effect after taking the first dose. Price 50c. and \$1. Trial size free. At all druggists.

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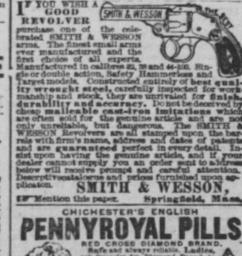
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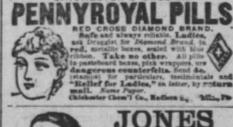
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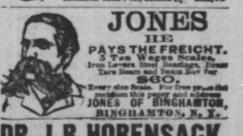
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