AGRICULTURAL

The following has been recom-mended as a good powder for poultry lice: One quart of fine hard-coal ashes sifted; two tablespoonfuls carbolic acid; one tablespoonful oil of sasafras; one gill lime; one gill Scotch snuff. Mix well, and bottle up. When wanted fill a small baking powder can, first perforating the lid like a pepper box lid, and dust it liberally over the affected fowl.

Corn and Cob Meal a Good Thing.

Corn and cob meal has been proved to be of great value to farmers. Here is what a government bulletin says of it: "The corn and cob are often ground together without shelling, and woody the corn and cob meal has given good results in feeding. The ground cob is believed to be of value on ac-count of the food and the ash constituents, and on account of the beneficial mechanical influence which it has on the digestion of the corn meal. The feeding of the cob and corn meal de-pends somewhat on the relative protion of cob and kernels in the ear, which differ in different varieties."

Start With One Variety of Poultry.

Select one or two varieties of poultry that suit your fancy and requirements, and do not attempt to keep more, at any rate not until you have become well acquainted with what you have. breed alone can be housed and cared for with less expense, and you can attain a higher state of perfection. The owner will be better able to supply when ordered for hatching, will be able to learn more about the fowl that he makes a specialty of than by keeping several varieties. And, whatever number of breeds we keep, why not have thoroughbreds? There are enough kinds for anyone to select from. If we should cross several varieties, the chances are that we would not get anything as desirable as the breeds already established, and to start a new breed or variety requires years of breeding, and while we are at work in way no one wants any of our.

The probabilities are, we will tire of them ourselves before we accomplish anything .- Practical Poultryman.

Deep Setting of Milk. At a Canadian institute the essay-

ist, in answer to questions, said that deep setting of milk should continue from 12 to 24 hours in winter; that a starter should be added to the cream 24 hours before churning; that skimmilk fresh from the separator makes as good a starter as new milk, and that buttermilk would do as well as sour milk for that purpose if perfectly good, but it often has developed injurious bacteria; that if the temperature of cream is too high, or if the churn is filled too full, or sweet and sour cream are mixed just before churning, there is liability of consid-erable butter being left in the buttermilk; while if cream is too thin or pooor in butter fat, or too cold, there is a chance of butter being granulated not collecting; that it will pay to have a butter worker even where but one cow is kept, and that when milking eight cows they found a gain of five dollars per month by the use of a separator; that pure cream can be obtained without the use of a separator, but the chances are against it; that soap should never be used on dairy utensils, but soda may be used, and for wooden utensils the best thing is to dip a wet brush in salt and scrub The main points to be ob served in putting up a dairy building are to construct it so that the temperature can be controlled, have the drainage perfect and a perfectly tight floor, and have the building so made that every part can be easily

Cost Then and Now. Experts of the department of agriculture have reckoned that 70 years ago in the United States it required just a bit over three hours to produce a bushel of wheat. Today an average bushel is turned out in ten minutes. In 1830 the cost of labor consumed was nearly 18 cents; at present it is only three and one-third cents.

Similar figures might be cited for other products of the soil, but it will suffice to say that during the year 1899 a saving of \$681,500,000 was made in the raising and harvesting of the seven principal crops in the United States by vented within the last half century. In other words, the production of exactly the same crops 50 years ago would cost that much more money.

This gives a vivid notion of the ber conferred upon mankind modern agricultural invention. crop is increased at least one-eighth single contrivance known as the me-chanical seeder. Without the cottongin it would be almost impossible to and to market the cotton crop this country, which now amounts 10,000,000 bales or more annually. The up-to-date corn busker, which is a recent invention, husks the corn, and at the same time cuts the husks, stalks and blades into feed. In corn-shellers the very latest is a steam-power ma chine which will shell a bushel a minute, carry off the cobs to a pile or into a wagon, and deliver the grain in-to sacks or wagons. But the most won-derful contrivance of all is the comlined reaper and thresher, with which it is necessary only to drive across the wheatfield in order to obtain the wheat ready for transportation to the ele

The Value of Italian Beet.

The Italian is the most profitable ee. Even the hybrids are much superior to the common bee. Sometimes there are colonies of hybrids that are better than the pure stock. But, as a writer correctly said, "Even if it were true that hybrids produce as much noney as pure Italians, each beekeeper would want at least one queen of absolute and known purity; for although a first cross might do very well, unless he had this one pure queen to furnish queen cells, he would soon have bees of all possible grades, from the faintest trace of Italian blood all the way up. The objection to this course is, that these blacks, with about one band to show trace of Italian blood, are the wickedest bees to sting that can well be imagined, being very much more vindictive than either race in its purity; they also have a very disagreeable way of tumbling off the combs in a perfectly demoralized state whenever the hive is opened, except in the height of the honey-season, and of making a general uproar when they are compelled, by smoke, to be decent. Our pure Italian stocks can be opened at any time, and their queens removed, scarcely disturbing the cluster, and, as a general thing, without the use of any smoke at all, by one who is fully conversant with the habits of bees. A good many hybrids will not repel the moth, as do the half-bloods and the pure Italians. For these reasons and several others, rear all queens from one of known purity. If we do this, we may have almost, if not quite the full benefit of the Italians as honeygatherers, even though there are black bees all about us .- Agricultural Epit-

Fall Plowing Conditions.

Where spring wheat or oats are grown, fall plowing should be done on an extensive scale, as under usual conditions it permits the sowing of these grains from two to three weeks earlier than is possible when the plowing is delayed until spring. In the fall or early winter, plowing can often be done at the least expense, there being no other timely work for team or men. The team is fully hardened to heavy work, and, notwithstanding the short days, more work is accomplished than during the longer days of spring, when the team is not inured to hard labor. Low lands can often be plowed at this season, which the snow and spring rains would make quite impossible to plow in the spring in time for a seasonable crop. Upon fall plowed land wheat and oats are often sown when the bottom of upturned furrow is often frozen solid and upon the earliness of sowing these crops depends the profit in their production.

Fall plowing can be done when the upturned furrow looks sleek and greasy from so much moisture in the This condition will do no harm, as the freezing that soon follows tears to piece the most compact clods, leaving the surface soil soft and friable, while if done under the same moisture conditions in the spring the results would be the reverse. Fall plowing of a stiff sod not only causes every furrow to act as a drain to absorb the railfall, but the upturned furrow contains the wire and cutworms, and thus exposed they are frozen to death. If you desire to test the benefit of fall plowing, plow a wide strip across the field in late fall and the balance at the usual time in the spring and note the result at harvest time. Particularly if the land be a sod, you will be surprised at the result. -L. B. Snook, in American Agricul-

Increased Fruit Crops.

As referred to at the time, a correspondent wrote that his neighbors who did not spray their fruit trees appeared to have as good crops as he did, who practised spraying right along. The reply was made at the time that this was quite reasonable to understand, as the one who sprayed destroye the in-sects and fungi which otherwise would have preyed on the neighbor's fruit as well as on his own. Similar experi-ence is being recorded in various parts of the country. Fruit crops are being perfected from unsprayed trees where they had been unknown for years. 'It is simply that insects have had their numbers greatly reduced, so much so that there is enough fruit which escapes injury to give a good crop this vicinity the apple crop has been good for two seaons in orchards which this have never been sprayed. The danger will be that inconsiderate persons will think there is no need to spray, in which case the enemy would soon be as

A remarkable instance of the freedom of our local orchards from insects was called to my attention recently. In an orchard embracing apples, pears, cherries, plums and quinces were also a half dozen apricot trees. These trees had been planted eight years ago. This year some of the trees are quite full of fruit for the first time in their life. I saw the fruit, and examined it for curculio marks. Very few were visible, and what were seemed to indicate the futility of the insect's work. There is no doubt we shall hear a good deal of the uselessness of spraying when unthinking persons find unsprayed orchards bearing in this way, but our own interests demand that we continue the good work of spraying. provoking that our work is benefiting an unbelieving or lazy neighbor, who perhaps derides what we are doing, but it is only what is happening every day in various other ways .- Practical

A Cab Horse's Past.

Mansour, the horse that ran third in the Grand Prix of Paris in 1894 and come in only a length and a half behind Matchbox, who was sold for \$75,000, is now pulling a public cab in the streets of the French capital.



Do not use soap when cleaning bam boo furniture. Instead scrub with cold water, to which a little salt has been added. Rinse quickly with cold water, but do not make them wetter than is absolutely necessary, and dry in open air as soon as possible Clean floor matting in the same way, but the matting should be hung over a clothesline and allowed to thoroughly dry before being relaid.

How to Cook the Squash A rich, nutty flavor peculiar to winter squash is lost when the vegetable is boiled. Wash and dry the squash and cut it, without removing the shell, into pieces about three inches square. Take out the seeds, brush the inside of each piece with butter, place in a pan and bake in a medium hot oven. Serve on the shells, brushing again with melted butter and sprinkling with salt before sending to

To Clean a Woolen Dress.

The following simple method of cleaning a dress skirt has been so thoroughly tested that no one need hesitate about trying it. The rule hesitate about trying it. The rule was first learned from a cook who accidentally had a cup of melted but-ter spilled over her dress. It was thought to be beyond reclaiming, but the cook herself declared that she could take every bit of the grease out—and she did. Since then the rule has been applied to many less hope-less cases, and invariably with the most satisfactory of results.

Take three-fourths of a pail of cold soft water, and add one teacup of ammonia. Thoroughly brush and shake the dress skirt, then rinse it up and down repeatedly in this ammonia water. After thoroughly "sousing" it, let it lie in the water for an hour. Once more rinse it up and down, then take it out, squeezing the water from it, but not wringing it.

Put up two lines so that they shall cross each other and hang the skirt upon them, pinning the bottom to the crossed lines so that the skirt shall be well spread apart. While the skirt is still quite damp

iron it upon the wrong side, ironing till dry.—Washington Star.

Do you housekeepers realize that one of the best ways to save work is to have a few knick-knacks about to collect the dust. You may think your rooms look bare when you remove a score or more of useless and often grimy so-called ornaments. But if you learn how to make your house as beautiful as possible with your limited means, you will learn to see that all these troublesome articles may best be dispensed with. If you have a good floor, hard wood is possible, covered with plain "filling," matting, or paint, if not, a dado of bookshelves four feet high all around the room, a clock, three or four casy, chairs, a clock, three or four easy chairs, a half dozen good pictures, two or three pieces of really ornamental pottery or metal and a substantial table or desk, you have enough furniture to make your living-room attractive and comfortable. Don't fill it up with bric-a-brac, draperies—except plain curtains—small tables and valueless papers and pamphlets. Remember, in papering the living-room and parlor, that plain colors make the best back-ground for pictures and ingrain pa-pers are cheap and durable and can be procured in very pretty tints. When the house is new and you wish to wait for it to settle before papering, a very good effect can be obtained by mixing color with the rough plaster. This is remarkably good with a rich, deep red or olive tint, and saves the finishing coat. Rag carpets, or better, rugs, are not to be disdained. They are more beautiful than many an expensive, gaudy new carpet. Don't be afraid of simplicity, but try to have things good what there are of them .- Farm, Field and

HOUSEHOLD RECIPES

Boiled Coffee Custard-Boil one pint of milk with six tablespoonfuls of sugar and two cupfuls of strong coffee, then add three beaten eggs and one tablespoonful of corn starch moistened with cold milk. Stir constantly until smooth. Serve whipped cream.

Hickory Nut Cake—One and one-half cupful of butter, three-quarters of a cupful of sweet milk, two cupfuls of flour, one-half cupful of or a captul of sweet milk, two cup-fuls of flour, one-half cupful of chopped nuts, one teaspoonful of cream of tartar, one-half teaspoonful of soda, the beaten whites of four eggs, one teaspoonful of vanilla.

Cranberry Sauce-Stew a pound and one-half of cranberries in a pint water for 12 to 15 minutes. through a colander or fine wire sieve and to the pulp add three-quarters of a pound of sugar. Put over the fire until the sugar is dissolved, and after it is cold it is ready for use. It is to serve with turkey or game. is to serve with turkey or game.

Turkey Salad—Mix together one cupful of the white meat of turkey cut into dice, one cupful of celery cut fine, and one-third of a cupful of blanched almonds cut into strips; marinate with a French dressing and let stand in a cool place for one hour; place on a bed of lettuce leaves, cover with mayonnaise and serve.

A project is on foot for connecting Rome with the port of Ostia by a canal, which, it is hoped, will bring a large increase of commercial industry.

Dyeing is as simple as washing when you use Putnam Fadelless Dyes. Sold by all druggists.

The most magnificent tomb in the world is deemed to be the Palace Temple of Karnak, occupying an area of

There is more Catarrh in this section of the country than all other diseases put together, and until the last few years was supposed tobe incurable. For a great many years doctors pronounced it a local disease and prescribed local remedies, and by constantly failing to cure the country of the constitutional disease and therefore requires constitutional treatment Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, Ohio, is the only constitutional ure on the market. It is taken internally in doses from 10 drops to a teaspoonful. It acts directly on the blood and mucous surfaces of the system. They offer one hundred dollars for any case it falls & Address F. J. Cheney & Co., Toledo, O. Sold by Druggists, 750.

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No matter what alls you, headache to a cancer, you will never get well until your bowels are put right. Cascarers help nature, cure you without a gripe or pain, produce easy natural movements, cost you just 10 cents to start getting your health back. Cascarers Candy Cathartic, the genuine, put up in metal boxes, every tablet has C.C.C. stamped on it. Beware of imitations.

Siberia is twenty-five times the size of

The Best Prescription for Chills and Fever is a bottle of GROVE'S TASTELESS CHILL TONG. It is simply from and quinine in a tasteless form. No cure—no pay. Price 50c.

Russia has appointed three lady doctors to its army medical corps.

FITS permanently cured. No fitsor nervous ass after first day's use of Dr. Kline's Great Kerve Restorer, \$2 trial bottle and treatisefree Dr. R. H. KLINE, Ltd., '81 Arch St., Phila., Pa

Divine healers have come under the ban of the Postoffice Department.

Frey's Vermifuge For Worms Has many imitators. Get the genuine, made by E. & S. FREY, BALTIMORE, MD.

The number of suicides in the German empire in 1899 was 10,700.

If you want "good digestion to wait up-on your appetite" you should always chew a bar of Adams' Pepsin Tutti Frutti.

Widow's weeds are often allowed to

I do not believe Piso's Cure for Consumption has an equal for coughs and colds.—John F. BOYER, Trinity Springs, Ind., Feb. 15, 1900.

A due bill very frequently means "adieu bill."

Mrs. Winslow's Soothing Syrup for children teething, softens the gums, reduces inflammation, allays pain, cures wind colic, 25c. a bottle

France has twenty-two organ manufac-

Take Lakative Brown Quining Take Lakative Brown Quining Take Lakative Brown Quining Take and druggists refund the money if it fails to cure. E. W. Grove's signature is on each box. 25c.

Barcelona, Spain, annually consumer about 700,000 tons of coal.



When the muscles feel drawn and tied up and the flesh tender, that tension is

Soreness

Stiffness

from cold or over exercise. It lasts but a short time after

St. Jacobs Oil

An Aucient Visiting Card.
The oldest visiting card of which there is any record is to be found in the State archives of Venice. Glacome of Padua, sent the card in question as a curiosity to a Venetian friend, saying that the German students who came to Italy had the elegant and laudable of leaving such little cards with their name and place of origin, at the houses of friends when they called and found them absent. The card re ferred to bears a coat-of-arms, with the motto "Espoir me confort," and beneath "Joannes Wasterhof West-phalus scribebat. Patavil 4 Martil 1560."-Pall Mall Gazette.

A man is successful in society to the

extent to which he forgets his clothes; a woman to the extent to which she doesn't .- New York Press.

MINISTER SAVED

Rev. Henry Langford entirely cured of Nervous Proze tration by Dr. Greene's Kervura Blood and Norve Remedy.



Rev. Henry Langford, the eminent Baptist divine, of Weston, W. Va., has just escaped utter nervous and physical prostration. He is paster of four churches. "For ten years," he said, "I have been nervous and growing worse all these years. During the last four or five years I became so nervous I could scarcely sign my name so it could be read. I was so nervous that I could not read my own sermon notes after they had been laid aside

I was so nervous that I could not read my own sermon notes after they had been had and awhile.

"I was unable to hold my head steady in the pulpit, nor could I hold or handle my books and papers without embarrassment, owing to the trembling and weakness of my hands and arms. I was so nervous that I could scarcely feed myself. In fact, my nervous system was wrecked.

"I tried many remedies recommended by physicians, but found no permanent relief.
"One day I was in the store of R. S. Ogden, at Sardis, W. Va., and he said to me: You take two bottles of Dr. Greene's Nervura blood and nerve remedy, and if you say its don't help you, you need not pay for it."

"I took two bottles of this medicine and found so much relief that I bought two more bottles, and now I am wonderfully improved in health and in strength. Dr. Greene's Nervura blood and nerve remedy did it. I can heartily and truthfully recommend it to the sick. Too much cannot be said in praise of this splendid medicine. I say this for the good of other sufferers from nervous and prostrating diseases who can be cured by this remedy. For myself, I am thankful to God that I found Dr. Greene's Nervura blood and nerve remedy, and for what it has done for me."

DR. GREENE'S OFFER OF FREE ADVICE.

Dr. Greene, Nervura's discoverer, will give his counsel free to all who write or call upon him at his office, 35 West 14th Street, New York City. His advice is from his great skill and experience and will shorten the road to health. Thousands come to him and write to him constantly. Do not put off getting the right advice, if you are ill.



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have conjectured, it was an extremely impressive moment.

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wet cloths to apply to his head, while others telephoned for reporters.-Detroit Journal.

The style now is to make woman looks much like a kangaroo as possible.

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Cures a cough or cold at once.
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grippe and consumption. 25c. ADVERTISING IN THIS PAPER DROPSY NEW DISCOVERY: gives cases. Book of testimonials and 10 days' treatment yree. Book of testimonials and 10 days' treatment yree. By E. I. SALES SOURS. Sex B. Albanto. 60.

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