THE FARM AND GARDEN.

WOEN-OUT APPLE TREES.

An orchard needs manuring as well as a cornfield, and the cause of the failure of the fruit is no doubt the poverty of the soil. Small, gnarly fruit indicates starvation of the trees. The trees should be well pruned as soon as convenient and a few loads of manure spread over the orchard. It would be useful to plow the manure in and in the prior sow clover, which may be travely spring sow clover, which may be turned under with a dressing of lime next fall.

New York Times.

HARVESTING THE APPLE CROP.

The gathering of fruit is at all times an operation requiring care and tender handling. In the case of apples, a squeeze, or drop, hard enough to prosqueeze, or drop, hard enough to pro-duce a bruise, renders them unfit for keeping purposes, on which much of their value depends. There is an additional reason for careful handling the present season, owing to the scarcity or the crop and the high price of the fruit. In picking from the trees, baskets with smooth bottoms should be nsed, and the apples laid, not dropped into them. By a rough handling of the basket in the interior of a tree or careless movements of the ladder around its outside, a careless picker can easily cause more loss in an hour than his wages for the entire day would be worth. The same man or the same ones, where more than one is required, should always receive the baskets and do the packing. Place the first two rows stem end down against the head to be taken out when against the lead to be taken out when the barrel is opened for sale or use. Uniformity in size should be observed as closely as possible. It is always best to make two qualities when barreling, and the present season, when even very in-ferior apples will sell, the latter, if packed at all, should make a third class. Leaves and twigs ought to be carefully excluded and the apples should be pressed in, so there will be no shaking when moving the barrels around after these are filled and headed up.—New York

GETTING RID OF QUACK GRASS.

Quack grass, or witch grass, is some-thing not easily gotten r.d of. It may well seem a waste of labor to plow and cultivate this weed, for the more this is done intermittently the more it spreads. Every root will grow and make a new plant in the course of a few years after it has been nearly eradicated, being as bad as ever. Yet continuous culture during a single growing season will entirely de-The cultivation must be often enough so that not a single spear of the grass reaches the surface. Where quack grass has grown unmolested several years it is a good plan to plow the piece just deep enough to throw to the surface the network of main roots which are found exactly on the hard pan left by the keel of the plow in previous years. It is often or the plow in previous years. It is often possible in this way, by careful plowing, to throw most of the main roots on the surface, where during the winter they will freeze and dry so that they can be raked up in winrows and burned. Continuous cultivation with some hoed crop will do the business in one season, though will do the business in one season, though to make sure that none escapes it is bet-ter to plant in hoed crops the second year. Great care is needed to prevent this plant spreading from one lot all over the farm. It spreads by its roots, which sometimes penetrate potatoes, and are thus planted by careless farmers. Its seed usually ripen in August, though we have seen it ripened in July enough to grow. Quack fields should not, therefore, be sown with oats, as both ripen at the same time. — Courier-Journal.

IT IS A MISTAKE.

To try to save axle grease by letting the wagon go unoiled. To save clover by keeping the hogs in

To save blacksmith bills by letting the

plow go unsharpened.

To use a plow that compels one to wait till the land is neither too wet nor too dry, too hard or too soft, before plowing in order to save the cost of a first-class

To let the stock eat the pasture too close to save the labor of cutting up a few acres of corn fodder.

To cut down the milk of the cows to

save the cost of a ton of bran.

To raise a small, cheap horse in order to save \$5 or \$10 in stallion fees.

To keep a cow that produces only nough butter to pay for her feed to save he money that a profitable cow would

To make ten-cent butter in order to save the cost of good dairy utensils.

To sell all the hogs because the prices

To put an ill-fitting harness on a horse expecting he will do as well with it as with a well-fitting one.

To crowd the work horses to their ut-

most every day and drive them for pleas-

ure Sunday.

To use cheap breeding stock when better can be had.

ter can be had.

To keep an animal of any kind that costs more than it brings in.

To shrink the milk of the cows \$10 a month by letting a boy run them from the pasture in order to save \$2 worth of a hired man's time.

To keep hogs in filthy pens when there are good pastures at hand where they will do better at less expense.

To expect boys to enjoy farm life if

To expect boys to enjoy farm life if they are made to work every day and all day without recreation and no means of enjoyment in reach.—Western Plowman.

WHY BUTTER DOES NOT KEEP.

J. T. Fowler, Wayne County, N. Y., esires advice how to prevent butter from fading and losing its quality, but as we are not informed how the milk was set, the cream cared for, how long the cream remains unchurned, etc., our answer cannot be very definite.

material of the crock absorbed the finer oils of the butter, and color along with it, and so bleach out a circle of butter next to the crock. That the butter gets "salvey" would indicate that the temperature of the cellar was subjected to great extremes, het and cool, alternating. This would cause a chemical change to go on in the elements not butter, and the heat would tend to fuse or rather cause the butter to lose its globular form or granulation. By some "chance" the salt may be charged with too much lime, and so act upon the butter as to cause it to lose color.

From the fact that the butter is all right when made, and becomes unsalable only after being "made two and three months," raises the inquiry, why this butter was not sold as fast as made. In the long run, the butter maker who holds butter for two or three months for a rise, asset fifty are cent, interest on the years. pays fifty per cent. interest on the venture. The market and the consumer do not want butter that is "old," or has been held for a rise. The butter that brings highest price is that freshest made. The good butter made yesterday always sells highest and is first inquired for. Holding butter only closs the for. Holding butter only clogs the market when it does find its way to the city, and its depressing influence injures all alike from maker to consumer. The most successful butter makers are those who sell their butter as fast as made, and try to make the bulk of their butter between October and June.

Whatever the cause of the trouble may

Whatever the cause of the trouble may be, we would suggest that when the milk is put into the pans or cans to add to each four quarts of milk one quart of water at 125 degrees, and if possible set these cans in a tank of cold well water. Temper the cream evenly, and churn at the first sign of acidity. As soon as the cream breaks up into distinctive globules add two gallons of water and a half teacup full of salt to the churn before trying to remove the buttermilk. This will give a perfect separation of buttermilk and butter. Wash twice more with clear water. Salt this wet butter with one and one-fourth ounces of salt to the pound and churn it in. Let it stand an hour and work over lightly, and pack into and churn it in. Let it stand an hour and work over lightly, and pack into well-glazed crocks. Cover well with a cloth and a paste of wet salt; set in a cool, dark place where the temperature is as near stationary as possible, and sell this butter every week, and if the cows are well fed and have wheat shorts and a little corn-meal it is not likely that the butter will fade or get salvey.—American Agriculturist.

FARM AND GARDEN NOTES.

Sawdust is an excellent litter for duck

The income from sheep is always sure,

Now is the time to weed your flock, if you have not done it before. Overcrowding is a fertile cause of the

breeder's worst enemy-roup. There is nothing better for your tur-

keys than curds squeezed dry and crum-Unless care is taken, hogs will begin to fail now, unless extra feed is sup-

plied. Cool, sweet water is one of the most important factors in the health of the

In managing the teams it is best not to use unnecessary words in giving com-

mands. If you have not feed sufficient to keer the pigs growing, some of them should be sold.

Do you believe the health of a horse largely depends upon the cleanliness of his skin?

A dairy school in every State would revolutionize the dairy and creamery business.

Better throw the grain feed among straw or leaves and make the fowls scratch for their living.

A small lump of pine tar in the drinking water supplied to the fowls will be found beneficial.

In purchasing a horse, always reject one that is not a good walker. It is an important quality.

The failure to make sheep pay can, to a considerable extent, be traced to failure to give proper care.

Destroy old blackberry and raspberry canes as fast as they become useless, and

thus destroy insects. Two full crops—one of weeds and one of grain or roots—cannot grow on the

same soil at the same time. Set out groves of sugar maple as wind-

breaks. In a few years you will have both a windbreak and a sugar orchard. This is the month you will have to de-termine what birds you will exhibit at the coming shows. Make your entries

In many cases it will pay to purchase and feed bran, shipstuff and oil meal to the growing pigs. It will be better and cheaper than corn.

Sugar beets are counted worth ten dollars per ton for feeding, and they are as easily grown as corn or potatoes. They will keep as well as mangolds.

Blemishes, as well as diseases, are often transmitted to offspring, and for this reason it is very important to have the sire, at least, as perfect as possible.

In these days the fascination of a "pure bred" is not strong enough to loosen the purse strings of a business man unless you show that great profit may be had.

Raising plug horses for market rarely pays. They cost as much to raise as the better class and sell for much less. Remember this this fall when engaging a horse for service.

It is when prices are low and the margin of profits is small, that it is im-portant to keep a close account with each class of stock in order to determine which is the most profitable.

It cannot be the feed, as butter color is used; so the fading must be looked after elsewhere. It the butter is packed in small crocks, the glazing of the butter may have been imperfect and the porous

WHAT CURES ?.

WHAT CURES?

Editorial Difference of Opinion on an Important Subject.

What is the force that outst disease; and which is the most convenient apparatus for applying it? How far is the regular physician useful to us because we believe in him, and how far are his pills and powders and tonics only the material representatives of his personal infuence on our health?

The regular doctors cure; the homoeopathic doctors cure; the Hahnemannites cure; and so do the faith cures and the mind cures, and the so-called Christian scientists, and the four-dollar-and-a-half advertising itinerants, and the patent medicine men. They all hit, and they all miss, and the great difference—one great difference—in the result is that when the regular doctors lose a patient no one grumbles, and when the irregular doctors lose one the community stands on end and howls.—Rochester Union and Advertiser.

Nature cures, but nature can be aided, hindered or defeated in the curative process. And the Commercial's contention is that it is the part of rational beings to seek and trust the advice of men of good character who have studied the human system and learned, as far as modern science lights the way, how far they can aid nature and how they can best avoid obstructing her.—Buffolo Commercial.

It is not our purpose to consider the evils that result from employing the unscrupulous, the ignorant, chariatans and quacks to prescribe for the maladies that afflict the human family. We simply declare that the physician who knows something is better than the physician who knows something is better than the physician who knows something of the consideration of the human system. Of course 'the does not know it all.'—Rochester Morning Herald.

I have used Warner's Safe Cure and but of its timely use would have been, I verily

Herald.

I have used Warner's Safe Cure and but for its timely use would have been, I verily believe, in my grave from what the doctors termed Bright's Disease,—D. F. Shriner, senior Editor Scioto Gazette, Chillicothe, Ohio, in a letter dated June 30, 1890.

Prehistoric Cave Dwellers.

remarkable cave was discovered on Monday afternoon near Pilot Knob, about four miles from Galena, by a party of Galena sportsmen while out hunting for ducks. Lights were improvised and the cave partially explored, the hunters traversing a distance of a half mile or more according to their best judgment. Vaulted rooms lined from top to bottom; stalactite and other beautiful geological formations; a lake of solid ice; a beauti-ful rivulet of crystal water and a room with sides and roof covered with glistening cubes of mineral and unmistakable evidences of a former occupancy by a pre-

ovidences of a former occupancy by a pre-historic race, were some of the sights which were revealed to the explorers. The party, who will continue their in-vestigations at a future day, brought to Galena a number of fine specimens of stalactite and stalagmite cube minerals, broken pottery, etc., as evidences of their discovery.—St. Louis Globe-Democrat.

they are microscopic, very small, and always colored. Perhaps they would re-semble real diamonds more could they be made larger and quite colorless. As now manufactured they are not of the slightest value to commerce. There cannot be any serious doubts as to the pos-sibility of producing diamonds artifici-ally, but up to the present no really practical means have been found in making them respond to the necessities of trade in the two continents.—Chicago Herald.

How's This?

We offer One Hundred Dollars reward for any case of catarrh that cannot be cured by taking Hall* Catarrh Cure.

F. J. CHENEY & Co., Props., Toledo, O., We, the undersigned, have known F. J., Cheney for the last 15 years, and believe him per levely honorable in all but ness transactions, and financially able to carry out any obligations made by their firm.

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Hall's Catarrh Cure is taken internally acting directly upon the blood and mucoussurfaces of the system. Testimonials sent free.
Price 75c. per bottle. Sold by all druggists. THE police force of India numbers 17,000 su-perior and subordinate officers.

If every seeman in this land knew for herself the actual quality of Dobbins's Electric Soap, no other washing son could be seed within a do use it, but other millions have never ried it. Have you? Ask yor grocer for it.

The chestnut crop in Virginia is unusually large this season.

Timber, Mineral, Farm Lands and Ranches in Missouri, Kansas, Texas and Arkansas bought and sold. Tyler & Co., Kansas City, Mo

Catarrh in the Head

purify the blood. Its many disagreeable symptoms are that deringer of developing into bronchitis or that terribly fatal disease, consumption, are entirely removed by Hood's Sarsaparilla, which cures catarrh by purifying the blood; it also tones up the system.

"For 25 years I have been troubled with catarrh in the head, indigestion and general debility. I never had faith in such medicines, but concluded tory a bottle of Hood's Sarsapavilla. It did me to much good that I continued its use it I have taken five bottles. My he Ith has greatly improved, and I feel like a different woman."—Miss. J. B. Adams, 8 Richmond St., Newark, N. J. purify the blood. Its many disagreeable sympt

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Queer Postoffice Names.

"Big Foot" is a postoffice in Indiana, "Pig" in Kentucky, "Skull Bone" and "Mouse Tail" in Tennessee, "Buzzard's Roost" in Georgia, and "Corn Cob" in South Carolina. "Number One" is a Maine postoffice and Vermont has "Bread Loaf." In New York we have "Promised Land," a "Painted Post, "Good Ground" and "Half Moon."Penn The party, who will continue their investigations at a future day, brought to Galena a number of fine specimens of stalactite and stalagmite cube minerals, broken pottery, etc., as evidences of their discovery.—St. Louis Globe-Democrat.

Artificial Diamonds.

Diamonds cannot be attacked by any chemical substance whatever, being almost pure carbon. This fact has induced many persons to try and crystalize carbon so as to obtain a precious gemout while these artificial diamonds possess a brilliancy and transparency worthy of comparison with those of the real thing they are microscopic, very small, and always colored. Perhaps they would respect to the color of it, and they have partly succeeded, but while these artificial diamonds possess a brilliancy and transparency worthy of comparison with those of the real thing they are microscopic, very small, and always colored. Perhaps they would respect to the color of the co

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Black Walnut.

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