FARM NOTES.

A Massachusetts poultry fancier recommends knit hoods for covering the combs and wittles of black Spanish fowls.

It is not necessary to keep cocks unless the eggs are intended for sitting hens. The hens will lay just as well, perhaps better, and the eggs will keep a longer time.

Rats have a great aversion to the odor of the chloride of lime, and, when mixed with water and poured into the holes through which the rats pass, they usually vacate their haunts. This mixture is harmless, does not kill the rats, but drives them away.

A solution of India rubber in benzine has been used for years as a coating for steel, iron, and lead, has been found a simple means of keeping them from oxidizing. It can be easily applied with a brush, and is as easily rubbed off. It should be made about the consistency of cream.

Here is a new English remedy for crib biting. Nail a strip of sheep skin about eight inches in width, the entire length of the crib; select a skin covered with long wool, and sprinkle it freely with Cayenne pepper. Renew it occasionally, and the worst cribber can be persuaded to desist from his habit.

The small streams which often flow through farms are almost invaluable sources of fertility, if the mud which accumulates in them every year is cleaned out and spread upon the land. All the leaves, together with the fine mold from cultivated fields, find a lodgment in the bed of these streams. Several loads of manure as valuable as that made in stables may thus be secured every year.

A farmer whose neighbor's stock has been driven to his well all the last winter made a calculation that the loss of time in driving stock, to say nothing of loss from insufficient supply of water is enough to pay the interest on fifty dollars easily. Yet a good well could be put in the barnyard with wooden pump for less than half this sum. The loss of manure from driving stock far for water in winter is a serious item.

The old practice of putting ashes in leach to make soap is less common than formerly among farmers. The ashes are worth more as a fertilizer to crops than for soap. Good potash can be bought more cheaply than in the form of ashes, and it is not in as good shape for applying to crops. However, there is still much virtue in leached ashes, and where they can be got cheaply they will well pay for hauling on sandy land.

The milk from heifers is neither so large in quantity nor so rich as that from the same cow as she becomes older. The old rule which reckoned a heifer with her first calf as equal to half a cow was not far from right. The growth of the heifer is so much deducted from what would otherwise go to milk production, but with young cows capable of eating and digesting an unusual quantity of food a larger proportion may go to the milk pail.

In answer to the question, what is the best season of the year for pruning a young orchard? the *Country Gentleman* says: Late in winter, or early in spring before the buds swell, if you wish to maintain the vigor of the trees. If they are so thrifty as to give annual shoots three feet long, you may prune late in spring or early in summer. If the pruning is to be very light and with small shoots, the time will not be very important; but if the trimming is heavy, the above rule is to be carefully observed.

The value of the bean crop is not in its foliage but in its grain. An excessive amount of nitrogen in fertilizers makes straw, but without a proportionate amount of pods. This is more especially true in coarse stable manure, which heats in the soil, causing increased warmth. Finely rotted manures, or nitrated in their concentrated form, are often apparently as helpful to grain production as mineral fertilizers. They undoubtedly make available some mineral plant food in the soil that would otherwise be unavailable. In like manner caustic potash or soda, as ashes or salt, will often change inert nitrogen in the soil to forms in which plants can use it.

An old recipe for making grafting wax, and a good one, is four parts resin, two parts beeswax, and one part tallow. Melt all together in a kettle, over a moderate fire, and when well mixed pour into a vessel of cold water to harden.—When stiff enough to handle grease the hands, and then pull and work the wax until it is white, or amber colored, and of even quality throughout. Apply the wax to the grafts in such a way that the air shall be entirely excluded from all raw surfaces on scion and stock. In cold weather the wax may need warming by working it in the hands, or it may be melted and applied with a brush. For small trees in nurseries, we have used the wax on strips of cloth prepared by simply dipping the strips in melted wax. These, wound around the stock, keep the scion firmly in place.

A Walking Skeleton.

Mr. E. Springer, of Mechanisburg, Pa., writes: "I was afflicted with lung fever and abscess of lungs, and reduced to a walking skeleton. Got a free trial bottle of Dr. King's New Discovery for Consumption, which did me so much good that I got a dollar bottle. After using three bottles found myself once more a man, completely restored to health, with a good appetite and a gain in flesh of 48 pounds." Call at E. James' drug store and get a free trial bottle of this certain cure for all lung diseases. Large bottles one dollar.

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Now conceded on all sides that there is not and never has been a remedy of such remarkable efficacy as Curtis' Carmelite Cordial, in curing cholera, dysentery, diarrhœa, cholera morbus, summer complaints, cramps, pains in the bowels, or any intestinal irritation whatever, a single dose brings remarkable relief and a single bottle is guaranteed to cure any case or money refunded. A remarkable pain killer and valuable household remedy. For sale by E. James.

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'If you are simply ailing, or if you feel
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'without clearly knowing why, Hop Bitters
'will surely cure you.

If you are a minister, and have overtaxed yourself with your pastoral duties, or a mother, worn out with care and work, or a man of business or labor, weakened by the strain of your everyday duties, or a man of letters toiling over your midnight work, Hop Bitters will most surely strengthen you

If you are suffering from over-eating or drinking, any discretion or dissipation, or are young and growing too fast, as is often the case,

'Or if you are in the workshop, on the
'farm, at the desk, anywhere, and feel
'that your system needs cleansing, tonicing, or stimulating, without intoxicating, if you are old,
'blood thin and impure, pulse
'feeble, nerves unsteady, faculties
'waning, Hop Bitters is what you need to
'give you new life, health, and vigor."

If you are costive or dyspeptic or suffering from any other of the numerous diseases of the stomach or bowels, it is your own fault if you remain ill. If you are wasting away with any form of Kidney disease stop tempting death this moment, and turn for a—cure to Hop Bitters.

If you are sick with that terrible sickness Nervousness, you will find a "Balm in Gilead" in Hop Bitters.

—If you are a frequenter, or a resident of,
—a miasmatic district, barricade your system against the scourge of all countries
—Malaria, Epidemic, Bilious and Intermittent Fevers by the use of Hop Bitters.

If you have rough, pimply, or sallow skin, bad breath, Hop Bitters will give you fair skin, rich blood, the sweetest breath and health. $500 will be paid for a case they will not cure or help.

A Lady's Wish.

'Oh, how I do wish my skin was as clear and soft as yours,' said a lady to her friend, 'You can easily make it so,' answered the friend.—'How?' inquired the first lady.

'By using Hop Bitters that makes pure rich, blood and blooming health. It did for me as you observe.'

☞None genuine without a bunch of green Hops on the white label. Shun all the vile, poisonous stuff with "Hop" or "Hops" in their name.

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A. W. Brown, M.D., of Providence, R. I., says: "I have used HUNT'S [Kidney and Liver] REMEDY in my practice for the past sixteen years, and cheerfully recommend it as being a *safe and reliable* remedy."

Another prominent doctor of Providence says that "I am frequently asked to use other preparations as substitutes for HUNT'S [Kidney and Liver] REMEDY. I find on trying them that they are worthless in comparison to it."

An Old Lady.

"My mother, 75 years old, has chronic kidney complaint and dropsy. Nothing has ever helped her like HUNT'S [Kidney and Liver] REMEDY. She has received great benefit from 8 bottles and we think it will cure her."—W. W. Sunderland, Builder, Danbury, Conn.

A Minister's Wife.

Rev. Anthony Atwood, of Philadelphia, says:—"HUNT'S [Kidney and Liver] REMEDY has cured my wife of Dropsy in its worst form. All say that it is a miracle."

General Chace.

General Chace of Rhode Island says: "I always keep HUNT'S [Kidney and Liver] REMEDY in my house. Taken in small doses occasionally at night, it prevents headache, and regulates the kidneys, stomach and other organs." 10

"Disease soon shaken, by HUNT'S REMEDY taken."

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CARP PONDS.

SUGGESTIONS AS TO THEIR CONSTRUCTION AND THE CARE OF THE FISH.

There is a deep and growing interest in the culture of the prolific German carp, in this country. Suggestions have heretofore been given in these columns regarding the construction of ponds. An eastern exchange offers some points on the same subject that will bear repetition: Ponds may be made by banking or excavating, or both. They need not be fancy, and may be irregular and in any shape that the locality will permit. It takes but a small supply of water to keep a pond of half an acre full. But look out for gravel beds or seams of gravel. There is where you lose your water—through the gravel. By cutting a trench through the gravel and filling with clay you can stop the leakage.—You should have from four to five feet of water in some parts of the pond, but you want more shallow water for feeding and spawning, with plenty of aquatic plants for the fish to feed on. Watercress will serve the purpose extremely well. The black muck bottom or even clay is better than gravel for carp. The greatest difficulty in making ponds is to get rid of the water of branches and ravines that are liable to overflow your pond in times of heavy rains. They should be ditched around the pond. There should be a place for discharge of surplus water a little lower than the top of the bank, well protected by wash boards or stone. You need not be alarmed about carp trying to get out. They are non-migratory, and in times of rain or storm or any disturbance in the water they seek the the bottom.—Make yourself a carp pond, if it be but one rod wide and three or four long, and you will be surprised at the amount of fish you can raise in it by feeding. If you have six sheep on an acre of pasture they grow well, but if you have fifty you will have to feed or they will starve. A limited number of carp will thrive in a pond without feed, but an overstock must be fed. Throw in cabbage leaves, potato peelings, cucumbers, watermelons, or anything that your pig will eat, and you will be surprised to see what good feeders they are and how they grow. They like wheat bread better than anything. If you will always feed at the same place in the pond your fish will soon learn to come there for their feed. Throw in a few pellets of bread that will sink to the bottom, and then some that will float, and your fish will soon learn to come to the surface. Notwithstanding the common belief to the contrary, the carp is a fair game fish and during the summer months he takes to the hook readily and is not choice as to what the bait may be. The carp is omnivorous in his eating, and well suited for domestic culture—eating anything that a pig or a chicken will eat, and requiring teeth to tear it. The carp are nearly if not in every respect the antipode of trout—they do not seek living or running water as trout do. The carp does not grow except in water too warm for trout to live in. The carp's eggs or spawn is deposited in the spring, while the trout spawns late in the fall and winter. The carp spawn is adhesive and hatches on grass, leaves, litter or logs, while the trout spawns on the gravel. We verily believe the culture of this great growing omnivorous feed and wonderfully fecund fish will become as common and much more profitable than poultry throughout this country, and that acreage in water will in the near future prove more profitable with only a fraction of the labor necessary for the culture of the soil.

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Clears out rats, mice, roaches, flies, ants, bedbugs

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Ask for Wells' "Rough on Corns." 15c. Quick complete cure. Hard or soft corns, warts, bunions.

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Quick, complete cure, all kidney, bladder and urinary diseases, scalding, irritation, stone, gravel, catarrh of the bladder. $1, druggists.

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Flies, roaches, ants, bed-bugs, rats, mice, gophers, chipmunks, cleared out by "Rough on Rats." 15c.

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Cures cholera, colic, cramps, diarrhœa, aches, pains, sprains, headache, neuralgia, rheumatism. 25c. Rough on Pain Plasters, 15c.

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If you are losing your grip on life, try "Wells' Health Renewer." Goes direct to weak spots.

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Cures piles or hemorrhoids, itching, protruding, bleeding, internal or other. Internal and external remedy in each package. Sure cure, 50c. Druggists.

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Ladies who would retain freshness and vivacity don't fail to try "Well's Health Renewer."

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"Rough on Itch" cures humors, eruptions, ringworm, tetter, salt rheum, frosted feet, chilblains.

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Corrects offensive odors at once. Complete cure of worst chronic catarrh, relieves hay fever, diphtheria, sore throat, foul breath. 50c.

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Children, slow in development, puny, scrawny and delicate, use "Wells' Health Renewer."

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Stinging, irritation, inflammation, all kidney and urinary complaints cured by "Buchu-Paiba." $1.

"Water Bugs, Roaches."

"Rough on Rats" clears them out, also beetles, ants.

Many Children

Suffer from day to day; puny, pallid, fretful and feverish, variable appetite and restless sleep, finally die, and their parents never suspecting the real cause, that the little sufferers' stomachs are infested and eaten through with worms. Twenty-cent investment in a box of McDonald's Celebrated Worm Powders would save the doctor's bills and the patient's life. Entirely vegetable. Easy to take. Money refunded to dissatisfied purchasers. For sale by E. James.

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Hon. B. S. Hewit, ex Speaker House Representatives, writes: "J. A. McDonald,

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That

feeling of mental dullness, that troublesome bilious headache, fastidiousness as to food, and weary aching pain in the small of the back can all be gotten rid of by using one box of McDonald's Improved Liver Pills.

Dissatisfied buyers can have their money refunded. JOHNSTON, HOLLOWAY & CO., Philadelphia, "Agents." [5-9,-1y.*]

You will find McDonald's Improved Liver Pills so satisfactory as a corrector of a torpid liver, as a regulator of the bowels, as an eradicator of biliousness, that you will regret not having tried them sooner. Money refunded to dissatisfied purchasers. For sale by E. James.

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Philadelphia Agents.

ORIGIN OF WEIGHTS AND MEASURES

As the Jews had a mystical reverence for seven, and the ancient Welsh and Celts for three, and the Greeks a perfect philosophy constructed out of the harmonies of all sorts of numbers, so the Romans fell back upon a scale of twelve, or more properly upon a scale with a base of six. Accordingly as they divided the pound into twelve *unciæ*, so they also divided the foot, which was the standard of linear measure, into twelve sections, and called these twelve *unciæ* too. But how did they get to the inch originally? Rather, how did they get at the pound? for that and not the inch is the unit. There seems to be no precise information. They would divide any unit into twelfths, and a prevailing notion was at one time that the linear *unciæ* was really the original, and was then transferred as a name to the weight. This, though plausible, is hardly the case. The ounce is literally the twelfth, and thus we see at once the sense of speaking of an ounce of time, an ounce of land or an inch of milk, just as an inch of a man's will or an inch of interest for money on loan. It was always the twelfth of the unit—twelfth of an hour—twelfth of a jugerum, that half acre which the two oxen plowed in a day; twelfth of a sextarius or equivalent to our pint; twelfth of the entire hereditas; twelfth of the principal lent on hire when it was money at usury, i. e., over eight per cent. It is accordingly as much of a mistake to say that the primary meaning of the word is a linear, which is to say that it comes straight from the Greek into the Latin and thence on to us. The whole riddle is plain enough when we get to the true origin of the word—a twelfth. Once, indeed, it used to be said that the true origin was that the word meant a thumb-breadth, because its equivalent pollex in linear measure was often used in its place. But this is not the case. Some of the old Latins themselves, moreover, thought it meant literally "the unit;" but even this will not hold beside the proper signification of a twelfth. The pound weight was really never divided by inches or ounces. It was divided by twelfths, by halves, by thirds, by fourths and by sixths. And here again we see what a convenient base a system of twelfths is for division compared with a system of tenths, which could only be divided evenly in two ways, by two and five. For seven ounces they used the literal seven twelfths; for eight ounces they said "two parts," i. e., two thirds; for nine, "wanting a fourth, which with us seems a roundabout way of expressin three-quarters; for ten, "wanting a sixth"; for eleven, "wanting a twelfth."—*London Standard.*

Thousands Say So.

Mr. T. W. Atkins, Girard, Kan., writes: "I never hesitate to recommend your Electric Bitters to my customers, they give entire satisfaction and are rapid sellers." Electric Bitters are the purest and best medicine known and will positively cure kidney and liver complaints. Purify the blood and regulate the bowels. No family can afford to be without them. They will save hundreds of dollars in doctor bills every year. Sold at 50 cents a bottle by E. James.

AN OLD FARMER'S EXPERIENCE WITH CATTLE.—The farmer wants to know, not so much what is absolutely the best feed, but what is most economical—something good and substantial, and not too expensive, which he can raise on the farm. Corn fodder, when properly cured and stored, makes good feed, but if it is in the field, or long exposed to the weather, it is scarcely worth cutting and shocking, particularly if the weather has been wet. Wheat straw is not very nutritious food for cattle, but as most farmers raise wheat, it is a good plan to have plenty of straw well stacked, to which cattle during winter, may have free access and let them eat what they will. About the best and cheapest food for cattle is good timothy hay, with occasional feeds of corn. Clover may be fed to cattle with good advantage. Turnips and pumpkins, where they can be successfully raised, make good feed for fall and early winter. Potatoes, either raw or cooked, make good feed, and the small ones cannot be used to better advantage than by feeding them to cattle. Potato and apple peelings mixed with bran or meal make good feed for milch cows. Cattle as well as other farm animals appreciate good treatment, and should be treated kindly and even petted.

An Egyptian Custom.

It is stated that the ancient Egyptians when they feasted always had a skeleton at the table with them. This was for the purpose of reminding them that even in the midst of mirth and revelry death was apt to come. Let him come when he will and he is unwelcome. The Egyptians sought to teach that all should prepare for the grim monster and be ready to follow him, let him call when he would. The lesson can well be remembered to-day. All should live prepared to die at any moment, and all should learn now while in the full enjoyment of health and its pleasures that Peruna is the greatest remedy in the world for the diseases to which flesh is heir. It can be procured at any drug store. Ask your druggist for Peruna, the great tonic.

THERE never has been offered the people of Cambria county a medicine so deserving of praise and patronage as McDonald's celebrated Worm Powders. They combine the three most desirable points in any remedy viz; Smallness of dose, easiness to take and effectiveness. They are positively the greatest worm destroyer of the age. Many children suffer continually and finally die, their parents never dreaming that their stomachs are infested and eaten through with worms. Twenty-five cents invested in a box of McDonald's Celebrated Worm Powders would save the doctor's bills and the patient's life. Entirely vegetable. Easy to take. Money refunded to dissatisfied purchasers. For sale by E. James.

JOHNSTON, HOLLOWAY & CO.,
Philadelphia Agents.

Wanted.

The worst case in Cambria county of scrofula, erysipelas, tetter or blood disease (any nature, inherited or acquired, to purchase one bottle of McDonald's great blood purifier or sarsaparillian alternative, use as directed and if not benefitted many times the value of its cost, your money will be returned. Johnston, Holloway & Co., Philadelphia agents. Sold by E. James, Ebensburg. [5-9,-1y.*]

THE USE of Iodoform or mercurials in the treatment of catarrh—whether in the form of suppositories or ointments—should be avoided, as they are both nauseous and dangerous. Iodoform is easily detected by its offensive odor. The only reliable catarrh remedy on the market to day is Ely's Cream Balm, being free from all poisonous drugs. It has cured thousands of chronic and acute cases, where all other remedies have failed. A particle is applied into each nostril; no pain; agreeable to use. Price 50 cents; of druggists.

—Never neglect a constipated condition of the bowels, or serious results surely follow, such as piles, impure blood and many chronic complaints. Burdock Blood Bitters is the remedy.

FERTILIZERS OF HOME MANUFACTURE.—There is a continually growing tendency on the part of farmers who are compelled to go beyond the resources of the farm for fertilizing material to procure the crude material and do their own compounding, finding it to produce fully as satisfactory results, and at a much less cost. Even with all the safeguards that experiment stations and state analysis are supposed to throw around the farmer, the use of many of the commercial fertilizers offered for sale is not entirely satisfactory. In conversation with a gentleman who had used large quantities, he remarked that "he had used tons of fertilizers and yet did not believe he was one cent better off for their use."

One fact is certain, that all who have manufactured their own phosphate claim to be much better satisfied with it than with any they can purchase, and at a cost of only about one-half. Or, if farmers prefer, they can purchase those crude materials which contain the elements of plant food and mix in such quantities as the crops to which they are to be applied demand. Bone phosphate can be procured for $1.55 per hundred; sulphate of ammonia for $3.60 per hundred; muriate of potash for $1.23 per hundred; and from these can be obtained the principal elements of plant nutrition. Prof. S. W. Johnson states that in 1884, in Connecticut, super-phosphates were sold at an advance of 42.9 per cent. of the wholesale price of the raw materials. These suggestions are made for the purpose of informing the farmer upon matters upon which he might be in ignorance.—*Germantown Telegraph.*

A man attacked with Bright's disease, or any kidney disease, don't want words—but its conqueror Hunt's (Kidney and Liver) Remedy.

We must tell of the great specific—Hunt's (Kidney and Liver) Remedy. It never fails to cure diabetes, dropsy, Bright's disease, &c.

HEALTH HINTS.—It is now given out that too much coffee dries up the liver.

Raw oysters are highly recommended as a cure for hoarseness.

To cure and heal a running sore apply alum water twice a day.

For nose bleed, get plenty of powdered alum up into the nostrils.

A simple remedy for neuralgia is to apply grated horseradish, prepared the same as for table use, to the temple when the head or face is affected, or to the wrist when the pain is in the arm or shoulder.

There is nothing better for a cut than powdered resin. Pound it until fine, and put it in an empty, clean pepper-box with perforated top, then you can easily sift it out on the cut; put a soft cloth around the injured member, and wet it with cold water once in a while. It will prevent inflammation and soreness.

Bucklen's Arnica Salve.

The best salve in the world for cuts, bruises, sores, ulcers, salt rheum, fever sores, tetter, chapped hands, chilblains, corns, and all skin eruptions, and positively cures piles, or no pay required. It is guaranteed to give perfect satisfaction, or money refunded. Price 25c. per box. For sale by E. James

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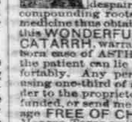
J. Langell's Asthma and Catarrh Remedy.



Having struggled 20 years between life and death with ASTHMA or PHTHISIC, treated by eminent physicians and receiving no benefit, I was compelled, during the last five years of my illness to sit on my chair day and night gasping for breath, my sufferings were beyond description. In despair I experimented on myself by compounding roots and herbs and inhaling the medicine thus obtained. I fortunately discovered this WONDERFUL CURE for ASTHMA and CATARRH, warranted to relieve the most stubborn case of ASTHMA IN FIVE MINUTES, so the patient can lie down to rest and sleep comfortably. Any person not fully satisfied after using one-third of a box, can return the remainder to the proprietor and the money will be refunded, or send me your address for a trial package FREE OF CHARGE. Mrs. W. T. Brown, Monroe, Texas, writes: "I suffered with Asthma 30 years. Your Great Remedy completely