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FARM AND GARDEN.

DEPTH OF PLOUGHING. - The depth of the ploughing should be governed by the character of the soil, the crop to be put on, and the amount of manure to be used. Deep cultivation is of but little benefit for crops which do not have their roots run deep, though it may be better for other crops which may succeed in the rotation. Nor is it of much use when not accompanied by liberal manuring. If the depth of the soil is doubled the amount of manure should be doubled, as certainly as if the area of the field were doubled.

MAPLE TREES AND THEIR SAP .-There is a great difference in the sweetness of sap from maple trees even when all are nominally of the same variety. Location has something to do with this. A tree whose roots stand in the water will give more but poorer sap than one which grows on a dry ridge. A correspondent writes:- "In my boyhood, I well remember, the sweetest sap from any tree in the sugar bush came from one on a dry knoll under which the sheep had lain nearly every night the previous summer.'

A successful Illinois dairyman asserts that he keeps 100 cows and never raises a pound of hay. He feeds his cattle on corn fodder, cut when in blossom, bound and set up until cured, or until winter, when it is removed to the barn. He gets seven tons of this dry fodder to the acre, and affirms that it is worth as much as the best of hay.

FOOD FOR SHEEP. - The most

economical and appropriate combination of food for fattening sheep, says Professor W. Sanborn, will depend upon the cost of different foods in the locality. Nearly all the grains raised are healthy for sheep unground, with the exception of millet, which is probably neither healthy nor economical when fed unground because of its hard husk and small size it is not masticated nor digested but mostly passes through the animal whole. Rye, oats, barley beas, beans, Indian corn, wheat, bran, shorts or middlings, and oil meal are each and all good food for fattening sheep, but sheep, should not be fattened upon a single food, as they are fond of variety and will gain fast when allowed to have it. Sheep are so fond of succulent food that they will pick over large fields in open winter trying to find it. They suffer when kept on wholly dry food, and for this reason oil-meal should be provided in a small quantity for them. The feeder cannot err in giving too great a variety of food to sheep. The best we have ever known given to fattening sheep was composed of equal parts by weight of oats, peas, and millet, and to fifteen bushels of the mixture was added one bushel of flaxseed, and all ground fine together. Each sheep was fed two pounds of this ground mixture with hay, and made a regular gain of three pounds each week, besides growing an unusual staple of wool. This small amount of flaxseed is peculiarly soothing to the digestive organs. It is a perfect preventive of all diseases caused by dry fodder.

SICK HOGS .- Give your hogs charcoal for indigestion; not too much, as it may produce scours. Salt should not be given in too large quantities, but it should be given nevertheless. Wood ashes are good for worms, as the salt also is.—N. Y. Herald.

choose to lie down in the yard or pasture it will be seen that they choose the bare ground rather than the sod or bedding of straw. The taken this hint and furnished the Leaves and straw are poor absorbents in comparison. In the pigpens dry earth has no equal. In very cold weather we add straw or leaves; but until the weather is very cold the animals will be more comfortable with a bed of fresh soil, or soil changed once a fortnight or week. In the chicken house we have learn-

earth. The droppings roll down into a pile of dry earth. This is turned over with a shovel each week or oftener, and we can say the chicken house is free from any offensive odour, and the bright combs and glossy feathers tell of the health of the fowls. Dry earth is a good preventive, too, of vermin on cattle cattle, pigs, and poultry. It must be procured at a dry time, and stored under a shed or in the stable. It not only promotes neatness and health, but saves the very element of the manures which make them most valuable, and most of them would evaporate if not absorbed by the dry earth. We do not like it as a bedding in the horse stables, but it should be found in every stable to sprinkle the floor with as soon as the bedding is removed in the morning. When removed from the stables, styes, and coops, it should be kept under cover for spring use, or for drilling with the wheat in the fall .- Cincinnati Com-

ABOUT LIGHTS AND FIRES .- It is estimated that nine-tenths of all fires are caused by carelessness. We give a word of caution. Never light a lantern of any kind in a barn. Smokers may include their pipes and cigars in the above. The lantern should be lighted in the house or some outbuilding where no combustibles are stored. A lantern which does not burn well should never be put in order in the haymow. There is great temptation to strike a match and relight an extinguished lantern, wherever it may be. It is best to even feel one's way out to a safe place than to run any risks. If the light is not kept in the hand it should be hung up. Provide hooks in the various rooms where the lights are used. A wire running the whole length of the horse stable, at the rear of the stalls, and furnished with a sliding hook, is very convenient for night work with the horses. Some farmers are so careless as to keep the lamp oil in the barn, and fill the lantern there while the wick is burning. Such risks are too great, even if the buildings are insured.—American Agriculturist.

HOUSEHOLD.

BREAKING A BAD HABIT .- It is fact that babies are not all alike by any means, and some are much more troublesome than others about putting things into their mouths. An inquiring mother asks how this may be stopped. An instance that came under my observation may let light in on this subject. This baby at fifteen months old had a perfect mania for putting everything into his mouth—chessmen, shoe buttons, pennies, etc., and his mother was alarmed at the strength of the habit by his own snoring .- Lowell Courier. and set about remedying it. She took a little pepper box into the nursery one day and sprinkled a little black pepper over the things the baby was most likely to put in his mouth. He dropped them one after another, and she thought the victory complete; but the next day he presented the spectacle of a burnt child who does not dread the fire, but after repeating the peppering for three consecutive days the habit of a lifetime was overcome to a very plied the man. 'Our master has g great extent.

When you wish to serve apple ings on.' sauce with meat prepare it in this way. Cook the apples until they are very tender, then stir them thoroughly so that there will be no lumps at all; add the sugar and a little gelatine dissolved in warm water, a table spoonful in a pint of sauce; pour the sauce into bowls, and when DRY EARTH FOR BEDDING .- If any | cold it will be stiff like jelly, and one will observe when the cows may be turned out on a plate. Cranberry sauce can be treated in the same way.

Let impatient little boys, who same is true of sheep. We have are just now compelled to begin to take care of their shoes, use a very cow stable with dry earth bedding. little milk instead of water to moisten the blacking; they will polish with less time and effort.

KEEP YOUR GROUNDS RIGHT .- We often see the advice: 'Clean up in the spring." It is applied to the cellar, the grounds and the garden, and is good | Out of debt is out of dangeradvice where circumstances require it. But it is much better to keep everything clean, so as not to need special ed its great value as a deodorizer. cleaning up. A cellar should be kept Our roosts are over a sloping floor, clean and pure all winter, and undesiron which we occasionally scatter dry able accumulations not permitted- Look unto the goal.

which would be easier in the long run, and better for health. If the fallen leaves on the grounds had been raked up before winter set in, very little raking, sweeping and brushing of the surtace would be required now. If the garden had been fully attended to late in autumn, the only ' clearing up ' would be uncovering half tender plants, bushes and strawberry beds. The following injunction follows, as a matter of course: Keep the garden in good order all the time,' and no special work will be required once a month in clearing out masses of overgrown weeds, or for mel lowing a surface which had become hard like a pavement. Kill the weeds before they come up, which may be rapidly performed with a steel rake, or a harrow, as the case may be. Keep the surface mellow by frequently working it, and the crops will grow more

OYSTER SALAD. -One pint of celery, one quart of oysters, one third of a cupful of mayonnaise dressing, three tablespoonfuls of vinegar, one of oil, half a teaspoonful of salt, one-eighth of a teaspoonful of pepper, one tablespoonful of lemon juice. Let the oysters come to a boil in their own liquor. Skim well and drain. Season them with the oil, salt, pepper and lemon juice. When cold, put in the ice chest for at least two hours. Scrape and wash the whitest and tenderest part of the celery, and, with a sharp knife, cut in very thin slices. Put in a bowl with a large lump of ice, and set in the ice chest until serving time. When ready to serve, drain the celery, and mix with the oysters and half of the dressing. Arrange in the dish, pour the remainder of the dressing over, and garnish with white celery leaves.

VARIETIES.

'I thought,' remarked the victim after the dentist had dragged him around the room several times, 'I thought you advertised to extract teeth without pain? 'So I do, sir,' replies the operator, blandly; 'it doesn't hurt me at all.'

George (who is always teasing his sister:)-" Why is rabbit spelled with two b's and habit with only one?" "Because habit is strong enough with only one," was the tart reply.

At the end of the first year comes the cotton wedding; second year, paper wedding; third year, leather wedding; fifth year, wooden wedding; seventh year, woollen wedding; tenth year, tin wedding; twelfth year, silk and fine linen wedding; fifteenth year, crystal wedding; twentieth year, china wedding; twenty-fifth year, silver wedding thirtieth year, pearl wedding; fortieth year, ruby wedding; fiftieth year, golden wedding; seventy-fifth year diamond

Wm. M. Evarts himself is credited with retorting, when some one spoke of his long sentences:-"Say what you will there is only one class of people really opposed to long sentences, and that is the criminal classes."

Among the most blessed of all the contrivances of Nature is that which prevents a man from being disturbed

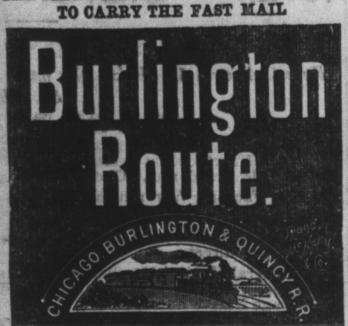
Here is a story from the biography of Dr. Marshall Hall. Dr. Wilkins had lent Dr. Hall the well-known book, Body and Soul,' and as it was not returned in due time, he sent this note: · Dear Doctor,-Do send back my Body and Soul.' I cannot exist longer without it.' The servant who received the note read it (as servants sometimes will), and, horror-stricken, rushed into the kitchen crying, 'I can't live any longer with the doctor !' Why, what's the matter?' 'Matter enough,' re-Dr. Wilkins' body and soul, and I don't care to stay where there are such go-

A Bundle of Proverbs in rhyme. Penny wise and pound foolish-Cunning as a knave-Fretful as a porcupine Cruel as the grave-Tender as a spring chicken-Gentle as a lamb-Homely as a hedge fence Happy as a clam.

Handsome is as handsome does Crazy as a coot Silent as a churchyard— Lower than the brute-Honest as the day is long-Muddy as a ditch Savage as a meat axe-Nervous as a witch.

Birds of a feather flock together-Deafer than a post— Cooler than a cucumber-Paler than a ghost-Take a thief to catch a thief-It never rains but it pours-Jolly as a waterman— Big as all outdoors.

Sow if you would reap-All's not gold that glitters— Look before you leap. Business is the salt of life-Talking pays no toll-Suffer like a martyrTHE LINE SELECTED BY THE U. S. GOV'T



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GEO. A. McDONALD, March 26 Secretary.

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