

TO DYE SCARLET.—For one pound of yarn use one of cochineal, one of cream tartar and two ounces solution of tin. Warm the water, stir in the cream tartar, grind the cochineal fine, put it in the water and stir it well. Add the solution of tin, then let it come to a scalding heat. Wash the goods thoroughly in soap-suds, and rinse in clear soft water before putting them into the dye. Let them scald two or three hours, stirring occasionally as in all dyeing. Remove from the dye and rinse in clear water.

HORSE'S FEET REQUIRE MOISTURE.—Nine-tenths of the diseases which happen to the hoofs and ankles of horses are occasioned by stables. Many persons seem to think, from the way they keep their horses, that the foot of the horse was never made for moisture, and that, if possible, it would be beneficial if they had big boots on every time they went out. Nature designed the foot for moist ground—the earth of the woods and valleys; at the same time that a covering was given to protect it from stones and stumps.—Ohio Farmer.

A CERTAIN CURE FOR RHEUMATISM, NEURALGIA AND SCIATICA.—The following is said to be the best medicine, and a certain cure for the above complaints, and has been successfully used for a number of years by a celebrated physician of New York. The afflicted can give it a trial:

Take of the chloride of potassium, two drachms; fluid extract of black cohosh, two ounces; wine of colchicum, one ounce; camphor water, five ounces. Mix and take two teaspoonful three times a day.

FLIES ON ANIMALS.—The following is given as a preventive of horses or neat or other stock being teased by flies: Take two or three small handfuls of walnut leaves, upon which pour two or three quarts of cold water; let it infuse one night, and pour the whole next morning into a kettle and boil for a quarter of an hour. When cold it will be fit for use. No more is required than to moisten a sponge, and before the horse goes out of the stable, let those parts which are most irritable be smeared over with the liquor, viz.: between and upon the ears, the neck, the flanks, etc. Not only the gentleman or lady who rides out for pleasure, will derive pleasure from the walnut leaves thus prepared, but the coachman, the wagoner, and all others who use horses during the hot months.

MANURE.—When we consider that 90 per cent. at least of even our farm manure is water and sand, we may see that a very small bulk comprises all that is really valuable, and it is not incredible that 300 lbs. of the right stuff per acre is enough for a crop, and that commercial fertilizers honestly made and properly inspected and certified may be profitably used in the production of valuable crops. After consuming the fodder raised on our farms, we must look in that direction for the further supply of manure.—Farmer.

WEEDING POTATOES WITH SHEEP.—It may not be known to farmers in general that it is a common practice in some of the potato-growing districts to turn a flock of sheep into the potato field for the purpose of eating down the weeds. The sheep will not touch a potato vine. This pasturing with sheep is very advantageous when the crop is a late planted one, so that the hoeing cannot be completed until the hayting or harvesting is finished. At the growing season it is the farmer's aim to keep down the grass and weeds, so that they may be covered by the cultivator and hoe when these are used. Pasturing with sheep will attain this object. Early planted crops, the cultivation of which is completed in the early part of summer, frequently becomes grassy and weedy before the time of digging, when the size of the tops precludes cultivation. In this stage the sheep are economical weeders. It is hardly necessary to mention that the feed thus given to the sheep makes a double profit inasmuch as it costs absolutely nothing, while labor is saved and weeds prevented from seeding.—Farm and Residence.

A REMARKABLE INVENTION.—The New York correspondent of the Boston Journal writes: "The question whether electricity will ever be a substitute for steam seems likely to be settled. An invention looking towards that issue, has been introduced to a practical illustration. For some months there has been a model machine running in this vicinity propelled by electricity. The work that it performs astonishes all that behold it. In one of our colleges there is a magnet weighing a thousand pounds. Three hundred cups are necessary to operate it. In this new invention a magnet of forty pounds and nine cups more than double the power of the large magnet. Lathes, planing machines and other mechanical arrangements are driven by the power. To run an engine of twenty horse power by this invention would require a space of only three feet long, two feet wide, and two feet high. The cost per day would be thirty-five cents. On a steamship no coal would be required, and the space saved for cargo. The ship-borne resistance of electricity to mechanical use heretofore has, it is believed, been overcome. A continuous battery has been secured, and other difficulties removed, principally through the skill of the inventor. If the invention works as well on the large scale as it does on the machinery to which it is now applied, steamships will soon ply the ocean under the new propelling power. A machine of great capacity is being constructed, and will soon be on exhibition in New York. The whole thing, mighty enough to carry a Cunarder to Liverpool, can be secured in a small trunk. I need scarcely add that this marvelous invention is the work of a Massachusetts boy."

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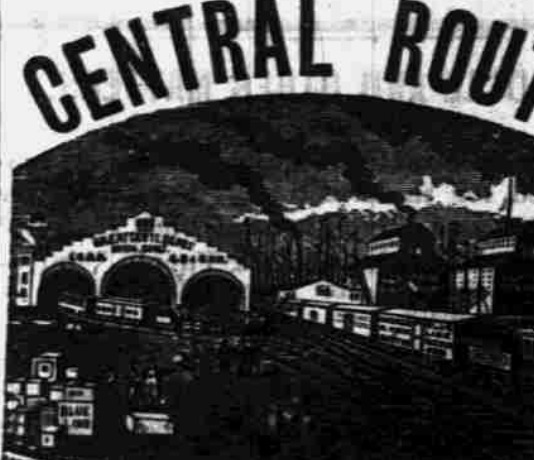
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