

The Farm and Fireside. A Steam Plow. We clip the following from an exchange: General Wade Hampton has upon one of his plantations in Mississippi, a steam plow manufactured at Leeds, England, and is now in practical operation with it. It consists of two portable engines, which are made that they run themselves; without the aid of horse power and so entirely dispense with horses. These engines are placed at opposite sides of a field, and by means of wire cables draw a gang of plows from one end to the other, and the plows turn the soil much deeper and quicker, and laying aside the cost of the machinery, at a much less expense than the horse plow. They plough, on an average, about 35 acres per day. The engines are useful in other work. Only a few days ago one of them came down from the plantation with six wagons of lumber over rough roads that would have required 24 horses to do the same work.

Insertion of Screws in Wood. When screws are driven into soft wood and subjected to considerable strain they are very likely to work loose, and it is often difficult to make them hold. In such cases it is said that the use of glue is of service. A stick of wood of the diameter of the screw to be used is to be first immersed in a thick glue, and then inserted in the hole prepared for the screw, which is then to be driven home as quickly as possible. When an article of furniture is to be hastily repaired, and no glue is at hand insert the stick, fill the rest of the cavity with pulverized resin, then heat the resin sufficiently to melt the resin as it is driven in. Chairs, tables, lounges, &c., are continually getting out of order in every house, and the proper time to repair them is when first noticed. The matter grows worse by neglect, and finally results in laying aside the article as worthless. If screws are driven into wood for a temporary purpose they can be removed more easily if dipped in oil before inserted.

Sulphuric Acid for Destroying Weeds in Lawns. A writer in an English journal suggests the use of ordinary sulphuric acid or of vitriol, as an excellent agent for the destruction of weeds in lawns. The difficulty of eradicating such unsightly weeds from the lawn is well understood, and a satisfactory remedy is the removal of a large amount of dirt, producing a corresponding injury to the general appearance. By taking the acid in question and dropping a few drops into the crown of any obnoxious weed, it will turn brown in an instant, and ultimately cause the death of the plant. Great care must be taken to prevent any of the acid from falling upon the skin or any article of clothing, but with ordinary care a large amount of surface can be treated in a short time with most excellent general results.

Barns in France. The barns at present coming into use are built of brick dovetailed into each other, no mortar being employed—and the interior, a simple for ventilation, will permit the entry of warm air, and the roof of the building is raised, two or three stories in height, with zinc roof. I have observed a few days ago, an outside, some two feet high, standing in a corner of a stable, and occupying but little space. It is tilted from the top; the cover being secured by a padlock. Outside is a graduated scale that marks the quantity of grain daily withdrawn, and for a perfect tell-tale in the event of dishonesty.

The Value of Apples. Says Living on the subject of apples as food: "The importance of apples as food has not, hitherto, been sufficiently estimated or understood. Besides contributing a large proportion of sugar, melleage, and other nutritive compounds to the human diet, they contain a combination of vegetable acids, extractive substances, aromatic principles as to act powerfully in the capacity of refrigerant, tonic, and antiscorbutic; and when freely used at the season of ripeness, by rural laborers and others, they probably maintain and strengthen the power of productive labor."

How to Make Cuttings Grow. Alluding to the manner of propagating cuttings the "New England Farmer" says that it has been ascertained that a cutting will develop roots much sooner in moist sand than in rich soil. But the sand cannot maintain its growth for any length of time. To prepare pots for raising cuttings they should be filled nearly to the brim with rich garden loam dark and porous, not clayey and soggy; then pour in one inch in depth of scouring sand, and fill with it as well as the yellow sand. Wet this thoroughly, and place the cuttings, from which all but three or four upper leaves have been removed, close to the side of the pot; the contact of the water against the stem of the cutting promotes its growth. Press the wet sand firmly around the tiny stem. A great deal of your chance for success, in raising slips or cuttings depends upon this.

Plant as many cuttings as the pot will hold, from six to a dozen, according to the size of your pot; when they are firmly set in the sand, two or three can be inserted in the middle of the pot. Set them away in a dark, warm place for twenty-four or thirty-six hours. Thus, cuttings will grow quickly in a hot bed, because the temperature is not dry. Their growth depends a great deal upon light, heat and moisture. If a bud is close at the base of a cutting it will strike root more easily—it is not so apt to decay. The roots shoot from a bud, and the lower down it is the surer your success. When the leaves drop, the plant is commencing to grow; if they wither on the stem, it has begun to decay. By following these directions no one can fail to grow all kinds of house plants. Boses and all the rarest flowers of the glass houses are propagated in this manner.

The other day the front of the Tribune office had to be closed for some purpose. So Horace wrote on a piece of paper, "entrance to Spruce Street," and sent it down to the man who does the printing of the bulletins to be copied. The man studied over Horace's tracks all the forenoon, and finally, in despair, wrote, "Editors on a Spruce" and posted it up. —New York Democrat.

New Advertisements. TO THE WORKING CLASS.—We are now prepared to furnish all classes with constant employment at home, the whole of the time or for the spare moments. Business very light, and profitable. Persons of either sex easily earn from \$5 to \$10 per evening, and a proportionally large amount for the day. Full particulars, a valuable sample which will do to commence work on, and a copy of the "People's Story" (the largest and best family newspaper ever published)—all sent free by mail, if you send permanent, profitable work, address, E. C. ALLEN & CO., Augusta, Maine.

DR. S. FITCH'S Family Physician; 90 pages; sent by mail free. Teachers how to cure all kinds of diseases, including eye, ear, nose, throat, &c. Write to 114 Broadway, New York.

SEND FOR OUR PAMPHLET TO BRIGGS & BROS. Illustrated and Descriptive Catalogue, OF FLOWERS AND VEGETABLE SEEDS, AND SUMMER FLOWERING BULBS. For 1871. Will be ready to send out in January, and will contain the most complete and up-to-date list of seeds, plants, and bulbs, ever published. It will be sent free to all who order seeds, plants, or bulbs, and will be sent free to all who order seeds, plants, or bulbs, and will be sent free to all who order seeds, plants, or bulbs.

USE THE "VEGETABLE" 1870 PUPILS BALSAM. 1870. A. J. BROWN, Proprietor, 114 Broadway, New York. This Balsam is a most valuable and effective remedy for all kinds of skin diseases, including eczema, psoriasis, and other eruptions. It is made from the most pure and refined vegetable oils, and is perfectly safe for use on the most delicate skin.

UPHAM'S ASTHMA CURE. Relieves most violent attacks in five or ten minutes, and cures in a few days. Price \$2 per bottle. Sold by all druggists.

THE JAPANESE HAIR STAIN. Colors the hair, and gives it a beautiful black or brown. It is made from the most pure and refined vegetable oils, and is perfectly safe for use on the most delicate hair.

TUSCARORA ACADEMY. The 2nd Session of the 2nd school year will begin January 1st. The course of study is the same as in the first year. The school is located in Tuscarora, Pa., and is one of the best in the State.

CHRISTIAN STANDARD. Opposes sects and advocates Primitive Christianity. Best and most reliable of all religious papers. Published by the Christian Standard Association, 114 Broadway, New York.

GENUINE NORWAY OATS. A. J. BROWN, Proprietor, 114 Broadway, New York. These oats are the most pure and refined, and are perfectly adapted for use as food. They are sold in large quantities, and are a most valuable and effective remedy for all kinds of skin diseases.

VICK'S FLORAL GUIDE FOR 1871. The first edition of one hundred and fifty pages, published by the author, is now ready to send out in January, and will contain the most complete and up-to-date list of seeds, plants, and bulbs, ever published.

ROBINSON'S SOUTHERN TIER FURNITURE EMPORIUM. 88 Washington Street, Binghamton, N. Y. Where you will find The Largest Stock, the Best Assortment, and the Lowest Prices of any house in the city.

Ayer's Sarsaparilla, FOR PURIFYING THE BLOOD. The reputation this extraordinary medicine enjoys is derived from its cures of many of the most distressing and dangerous diseases of the human system, such as Eczema, Psoriasis, and other eruptions of the skin, and all kinds of skin diseases.

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LEHIGH VALLEY RAILROAD. On and after Dec. 23, 1870, trains on the Lehigh Valley Railroad will run as follows: DOWN TRAINS. Leave Waverly Junction 8:30 a.m., 1:30 p.m., 6:40 p.m.

FROM THE LARGEST MANUFACTURING CHEMISTS IN THE WORLD. HELMBOLD'S FLUID EXTRACT BUCHU. For weakness arising from indigestion. The extract of Buchu is a most valuable and effective remedy for all kinds of skin diseases.

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