

THE FARM.

WHAT KILLS FRUIT TREES.—Deep planting is one error. To plant a tree rather shallower than it formerly stood is really the right way, whilst many plant a tree as they would a post.

M. Dumesnil, a French gardener of scientific turn of mind, has discovered a method of preparing a "fertilizing moss" which will take the place of soil in nourishing plant-life.

FERTILIZERS FOR HOUSE PLANTS.—When plants are in a growing state they may be stimulated by the use of guano water.

One of the leading farmers of Massachusetts told the editor of The American Cultivator that he had never known even a disappointment in ensilage where the system was thoroughly tested.

The Guinea-fowl is very destructive to insects, and will feed on some that the hens will not touch.

Experienced horsemen understand that, with a heavy feed of oats, etc., at night and a light breakfast, a horse gets a reserved stock of muscular strength laid in advance.

Barley may be sown as a soiling crop from the middle of July to the middle of August.

The wheat crop promises to be very large this year all over the world, and prices will rule correspondingly low.

EARLY CULTIVATION.—The best time to kill a weed is as soon as it appears above the surface.

What we cauliflower is not a cabbage.

HEALTH HINTS

Do not permit a child to wear a boot or a shoe either too short or too tight in any way.

Those who work much in the hot sun should avoid drinking large quantities of cold water; it is better if possible, to take small draughts at frequent intervals.

Here is a remedy for tender and inflamed feet, so common at this season of the year: First, throw away tight boots.

SICK-ROOM COOKERY.—Oatmeal Gruel.—Take a tumbler, fill it two-thirds with coarse oatmeal, and fill it with water, mix well and pour off the water into a saucepan; fill the tumbler again with cold water, and after shaking well, pour the water off into a saucepan; do this again, making three times in all.

Corn-meal gruel is made by wetting two tablespoonfuls of corn-meal and one of flour in a little cold water, stir into a quart of boiling water, add a teaspoonful of salt and boil slowly for an hour.

SCOTCH TART.—Take a deep square tin and line it with rich paste, select pleasant tart apples, peel and core, quarter and cut in bits.

COVERING FOR LOUNGE.—A serviceable cover to throw over a lounge or couch in the sitting-room is made by taking a broad, bright strip of cretonne: on each side of this put a strip of black or dark brown cloth (line it to give body to it); on each edge put a row of fancy stitches in silk or crewel; the ends may be finished with fringe or not as you choose.

A DRINK FOR WORKERS.—The following is a capital drink for the harvest field.

but will give you more strength and endurance than any other drink. If at any time you have to make a very long day, as in harvest, increase the oatmeal to one half-pound or three-fourths pound to three quarts of water.

SCIENCE.

There is an artesian well in Tower City, Dakota, which supplies the town with an abundance of pure water of excellent and steadily increasing quantity, from a depth of 675 feet.

The great blessing conferred on mankind by the discovery of vaccination is recognized by most intelligent persons. But the serious results which sometimes flow from the use of impure lymph deter many persons from enjoying the benefit of this preventive system.

TRANSIT OF VENUS.—The coming transit of Venus occurring on the 6th of December will be observed by some of the most eminent men of science now living, who will be aided by the most modern appliances for the observation of astronomical phenomena.

Considered the most important astronomical phenomenon, as it determined the sun's parallax or angular distance from the earth. Within the past few years, however, other methods have been proposed, such as calculations based upon the aberrations of the moon in certain portions of its orbit, and similar changes produced upon the planets by reciprocal attraction.

OBSERVATIONS IN TORONTO.—The Government having appropriated \$5,000 to defray the expense of observations of the next transit on the 6th December, the phenomenon will be observed from the observatories in Toronto, Woodstock, Montreal, Fredericton, N. B., and probably Quebec.

OUR ONLY CHANCE.—Before the next transit of Venus can be observed, after that of Dec. 6th, 122 years will have gone into the eternity of the past, and Arcturus and Orion, Sirius and the Pleiades, will shine from their serene spaces upon a world of humanity now non-existent.

The Toronto Observatory is now being prepared for the new telescope, a stone column being built in the centre of the building and leading to the roof of the Observatory, upon which the instrument will be mounted.



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and those suffering from INDIGESTION will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all that we need.

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William Gossip, No. 103 Granville Street, Also just received, a large assortment of Artists' Materials, Oil and Water Colours, &c.



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