

THE FARM.

At the recent Enslage Congress at New York, Rev. Dr. Ormison, says the Tribune, reported that twelve acres of his Whitby farm, on Lake Ontario, yielded each 12 1/2 tons of maize, "at a cost of \$1.20 per ton from field to silo."

In making a common road in the country there should be a depth of three feet from the top of the crown in the centre, to the bottom of the ditches on either side.

ARTIFICIAL INCUBATORS may be made without much difficulty. The principal thing is to secure a temperature from 101 to 105 degrees Fahrenheit during the 21 days of hatching.

The early maturity of small breeds of pigs gives them a great advantage over the larger kinds, says the New York Times. Suffolk pigs will some times weigh 300 pounds at seven months.

We have said some hard things of dogs—meaning thereby worthless sheep-killers—in this column. Here is something on the credit side, which we hope is true.

If your poultry yard is not on a hillside or not well drained, throw up a few mounds with a spade or make several ridges with a plow, if the yard is large.

SCIENCE.

THE NIAGARA ICE BRIDGE.—An unusually extensive and interesting ice bridge was formed early this winter across the Niagara River below the falls.

The architect of this stupendous structure, says an intelligent observer, is the south wind. A steady blow from this quarter causes the ice in Lake Erie, twenty-five miles away, to break up into gigantic fragments, which float down the current of the Niagara until they shoot the rapids and plunge over the cataract—a sight worth a long journey to see.

the foot of the great cataract away down nearly to the railway suspension bridge, three miles, and of a thickness often equal to the tallest of city business blocks.

A writer in the Journal of Science has come to the conclusion that the moral character of the domestic cat is undergoing a change for the better. "There are few persons," he says, "now given to studying closely the habits of animals, who would join in those sweeping charges of treachery, selfishness and ill-temper which were brought against her by earlier writers."

A German brewer in Nevada, having heard of the lime process for mining coal, proposes to use yeast as an agent for rendering rocks. He has in his experiments blown strongly hooped casks to pieces, and forced out one end of his brewery.

The Genesee Valley Salt Company, of Genesee, has sunk two wells eighty feet deep in the valley opposite Genesee. It is now sinking shafts and will mine the salt in blocks. A test well is being sunk at Piffard.

A cotton seed bin at Lancaster, Texas, in which were 3,000 bushels of seed, exploded last week from the generation of gases; and the report was so terrific that it was heard two miles away.

HEALTH HINTS

We once saved the life of an infant which had been inadvertently drugged with laudanum, and was fast sinking into the sleep which has no awakening, by giving it strong coffee, cleared with the white of an egg, a teaspoonful every five minutes, until it ceased to seem drowsy.

If a person swallow any poison whatever, or has fallen into convulsions from having overloaded the stomach, as an instantaneous remedy, more efficient and applicable in a larger number of cases than any half-dozen medicines we can now think of, is a heaping teaspoonful of common salt and as much ground mustard, stirred rapidly in a tea-cup of water, warm or cold, and swallowed instantly.

Dr. Hawks, an old-time eloquent and popular New York divine, once asked the vestryman of his church to increase his salary because of his increased family expenses. "Don't trouble yourself," said the vestryman, "the Lord has said he will care for the young ravens when they cry."

HEAT-HOLDING SAND BAG.—One of the most convenient articles to be used in a sick room is a sand bag. Get some clean, fine sand, dry it thoroughly on the stove, make a bag eight inches square of flannel, fill it with dry sand, sew the opening carefully together, and cover the bag with cotton or linen cloth.

What is the difference between a timid child and a shipwrecked sailor? One clings to his mar and the other to his pa (spar).

RESPECT THE BODY.—Respect the body. Give it what it requires, and no more. Don't pierce its ears, strain its eyes, or pinch its feet; don't roast it by a hot fire all day, and smother it under heavy bed covering at night; don't put it in a cold draft on slight occasions, and don't nurse or pet it to death; don't dose it with doctor's stuffs, and above all, don't turn it into a wine cask or a chimney. Let it be "warranted not to smoke," from the time your manhood takes possession.

A REMARKABLE FACT.—It is a remarkable fact W. A. Edgers, of Frankville, who was so far gone with liver and kidney complaint that his life was despaired of, was cured with four bottles of Burdock Blood Bitters.

THE HOUSE.

The delicacy known as "Welsh rarebit" is made in this way: Cut thin slices of bread, remove the crust and toast quickly; butter and cover with thin slices of new, rich cheese; spread over each a little made mustard, and place on a plate in a hot oven, till the cheese is melted; cut into square pieces and serve at once on a hot platter, as it is quite spoiled if allowed to get cold.

A good addition to soup is made by cutting bread in little squares and frying them in butter until they are browned on every side. About three minutes before the soup is taken from the fire, add the bread, so that it will be flavoured with the soup, but will not be soaked so that it will crumble.

THAWING PUMPS.—Procure a small tube, which may be of lead, place a small funnel in the upper end, and let the lower rest on the ice. Now pour hot water into the funnel, when its weight will carry it directly through the tube on the ice, which will be quickly melted, the weight of the setting tube keeping it all the time in close contact with the ice. A foot in length may be thus melted in a minute or two, while merely pouring in hot water from a pitcher would not effect as much in an hour.

VARIETIES.

The Island of Jersey, which is square would be only six miles and three-quarters each way, supports 12,000 cattle, or roughly speaking one for every two acres of its surface rocks, roads and wastes, and house room for 60,000 people included.

An exchange wants to know "whether our colleges turn out gentlemen." Certainly not; the gentlemen are allowed to go on and graduate.

Sophia (sentimentally) — I dearly love to listen to the ticking of a clock. It seems to me that a clock has a language of its own. Mr. Smart—Yes, Sophia; the clock has a language—you might say a dial-ect.

A prima facie case: When a clock is accused of being behind time, there is something wrong on the face of it.

THIS IS RELIABLE.—R. N. Wheeler, merchant of Everton, was cured of a severe attack of inflammation of the lungs by Hagar's Pectoral Balm. This great throat and lung healer cures weak lungs, coughs, hoarseness, bronchitis, and all Pectoral complaints.

AYER'S Cherry Pectoral.

No other complaints are so insidious in their attack as those affecting the throat and lungs; none so trifled with by the majority of sufferers. The ordinary cough or cold, resulting perhaps from a trifling or unconscionable exposure, is often but the beginning of a fatal sickness. AYER'S CHERRY PECTORAL has well proven its efficacy in a forty years' fight with throat and lung diseases, and should be taken in all cases without delay.

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Croup.—A Mother's Tribute. "While in the country last winter my little boy, three years old, was taken ill with croup; and as if he would die from strangulation. One of the family suggested the use of AYER'S CHERRY PECTORAL, a bottle of which was always kept in the house. This was tried, and after a few doses, and to our delight in less than half an hour the little patient was breathing easily. The doctor said that the CHERRY PECTORAL had saved my darling's life. Can you wonder at our gratitude? Sincerely yours, Mrs. EMMA GIBNEY, 150 West 128th St., New York, May 19, 1882.

"I suffered for eight years from Bronchitis, and after trying many remedies with no success, I was cured by the use of AYER'S CHERRY PECTORAL. JOHN H. WALDEN, Byhalia, Miss., April 5, 1882.

"I cannot say enough in praise of AYER'S CHERRY PECTORAL, believing as I do that but for its use I should long since have died every year by improper or insufficient food. Remember, JOHN H. WALDEN, Byhalia, Miss., April 5, 1882.

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