

AGRICULTURE. SCIENTIFIC. YOUTH'S COLUMN.

HOME MADE SUPERPHOSPHATE.—Superphosphate of lime is a special fertilizer which may be used profitably on more soils, and on a greater variety of crops than any other special fertilizer.

THE HERRESHOFF TRAPDOOR.—The Herreshoff Trapdoor is the best trapdoor ever made. It is made of sheet iron, and is so constructed that it will hold water.

SCIENTIFIC RELIANCE ON SOAP.—Dr. Richardson lectured recently in Philadelphia on the value of soap in the treatment of various diseases.

ABOUT FENCES.—It would seem that few farmers understand the true value of fences. A forty-acre piece of land, if square, will require 320 rods of fence.

ATMOSPHERIC ELECTRICITY AND PLANT GROWTH.—The atmosphere is a storehouse of electricity, and it is this electricity that is the source of the energy which drives the machinery of the plant.

COAL ASHES FOR TOMATOES.—Both potatoes and tomatoes are good crops when they have a good measure of potash. Very good manure is made from coal ashes.

PROVIDE A DRY, WARM PLACE FOR YOUR PIGS, with bedding in the winter, for they are from quincy, and are not accustomed to pigs exposed to wet, cold pens to eat and sleep in.

LAMBS.—Early lambs may be pushed forward by giving them a little corn. They will grow much faster if fed from a pan. The milk should be given warm from a fresh cow, a quarter of a pint to a meal. Do not overfeed young lambs until they retain, instead of assisting growth.

MILK WHICH IS TURNED OR CHANGED may be sweetened with sugar, or with milk by stirring in a little soda.

THE BOYS' NEST.—Several years ago a farmer in the State of New York sent his son Rollin to drive a newly-plowed field. His father was in quite a pompous manner said: "Now, remember, no boy's play with this team!" Rollin said he would do as well as he could, and started for his work.

POULTICES.—The effect of poultices is probably different from that of blisters, although ultimately productive of similar relief. For, if we take the instance of a finger being inflamed in consequence of a thorn having run into it, we find that we can relieve the pain in two ways, either by putting the inflamed part into warm water, or by plunging the finger into a warm poultice.

THE SCHOOL-ROOM WAS A NEW PLACE to little Patty's round eyes, and for the first time she kept very still, looking about her with a look of intense interest.

HOW THE NEED WAS MADE.—George came running in at eight o'clock, and said: "I say, mother, some tramp or somebody's been and stole my jacket."

THIRTEEN CENTS IS THE COST OF FIVE gallons of soft soap, made from one pound of Dobbins' Electric Soap.

THE NEXT MORNING, when they opened the wash-room door, they saw Nell perched on the top of the wash-tub.

SOME TIMES, "NOW, THEN," shouted Captain Mariner, from his elevated position on the bridge of an ocean steamer, "clear away, clear away, and let go there!"

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

WIT AND HUMOR.—A tall, gaunt shopkeeper ran down the pier, crying, "Save the red-head one! For heaven's sake save that man with the red head!"

A LITTLE ADVICE.—I want to give you three or four rules. One is, always look at the person you speak to. When you are addressed, look straight at the person who speaks to you. Do not forget this.

TRAVELLING IS EXTRA-HAZARDOUS.—If the tourist is unprovided with some medicinal resources, changes of temperature, food and water of an unaccustomed quality, and some other evils, are liable to befall him.

WORMS, WORMS, WORMS.—E. F. Kunkel's Worm Syrup never fails. It is a powerful vermifuge, and is adapted to all cases of intestinal worms.

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

THE GOSPEL OF JOY!—The Gospel of Joy is a new religious book, written by a man of great ability and high character.

NICHOLS, SHEPARD & CO., BATTLE CREEK, MICH. ORIGINAL AND ONLY GENUINE "VIBRATOR" THRESHING MACHINERY.

R. R. R. RADWAY'S READY RELIEF CURES THE WORST PAINS. In from One to 20 Minutes. NOT ONE HOUR after reading this advertisement need any one SUFFER WITH PAIN.

HOP BITTERS. (A Medicine, not a Drink.) HOP BITTERS. (A Medicine, not a Drink.) HOP BITTERS. (A Medicine, not a Drink.)

BLATCHLEY'S PUMPS. The Old Reliable STANDARD PUMP. For Wells 10 to 75 Feet Deep. New Price List, Jan. 1, 1879.

DR. RADWAY'S Sarsaparillian Resolvent, THE GREAT BLOOD PURIFIER, FOR THE CURE OF CHRONIC DISEASES.

JOHN WANAMAKER. The most thorough organization in America for executing written orders to the Mail Department for samples and supplies at the Grand Depot, the great Dry Goods and Outfitting Establishment of JOHN WANAMAKER.

DR. RADWAY'S Regulating Pills. Perfectly tasteless, elegantly coated with sweet gum, piperine, and other purest ingredients.

DR. RADWAY'S Liver Remedy BLOOD PURIFIER. In Tonic, Cordial, Anti-Bilious. CURES Liver Complaint, Biliousness, Headache, Constipation, Indigestion, etc.

JOHN & JAMES DOBSON, Carpeting. ADAPTED TO THE WANTS OF THE MOST CRITICAL, REFINED AND RESEARCHING TASTES.

JOHN & JAMES DOBSON, Carpeting. ADAPTED TO THE WANTS OF THE MOST CRITICAL, REFINED AND RESEARCHING TASTES.