surprise than Lefore. At length finding all her efforts in vain she uttered a short angry grunt of disappointment or fear, turned short around and started off on a brisk run, nor could either coaxing or driving ever induce her to visit that part of the field again.

MAPLE SUGAR .- The Scientific Artisan contains the following brief, but excellent suggestions, relative to sugar-making:-"It is impossible to make good maple sugar unless the sap is boiled soon after it runs. If it is allowed to sour in the least the iron vessel in which it is boiled will darken the color of the sugar, giving it a disagreeable taste, and very injurious to the health of those who use it. Never allow the san to burn on the top of the kettle, and every time you fill it up wash it off. You can remedy this by setting your kettle in an arch, leaving a part of your kettle down as low as the line of division between fire and no fire. Never allow your syrup to stand over Make your syrup so thick that one quart will make one pound of sugar, and let it get perfectly cool before you sugar off. Stir in a little milk; then keep it over a moderate fire until it is skimmed, and be careful not to harn it afterwards. Stir the sugar while it is cooling, or until perfectly dry. Never pour hot sugar into wooden vessels."

TARRING POTATO SETS.—At a recent meeting of the New York State Agricultural Society, Hon. A. B. Dickinson said he had not sown or planted anything for ten years without a coating of tar, and in planting his potatoes he dissolved one pint of tar in three pails of boiling water, and added four pails of water afterward. This solution he poured over his seed and mixed it with them, and covered with plaster.

The Twist of Trees in the Direction of the Scientific American says:—"It seems to be a new idea to you that the twist of trees generally taxes in the same direction as the sun. My observation has been more particularly upon pines. Chip a pine at the stump height, and if it twists or winds with the sun, leave it, for it will not do for shingles; the higher up you try it, the more you will find it to wind. On the contrary, if it winds against the course of the sun, the twist will run out in some ten feet, and the grain then either continues straight to the remainder of the length, or, perhaps, even turns and winds with the sun, near the top of the tree. This is a fact which is no less true than carious."

The Universal Metamorphosis.—If a water be laid on a surface of polished metal, which is then breathed upon, and if, when the moisture of the breath has evaporated, the wafer be shaken off, we shall find that the whole polished surface is not as it was before, although our senses can detect no difference; for if we breathe again upon it the surface will be moist everywhere except on the spot previously sheltered

by the water, which will now appear as a tral image on the surface. Again and and breathe, and the moisture evaporates, ba the spectral wafer reappears. This expersucceeds after a lapse of many mout the metal be carefully put aside where a face cannot be disturbed. If a sheet of on which a key has been laid be extend some minutes to the sunshine, and then a taneously viewed in the dark, the key les moved, a fading spectre of the key will be Let this paper be put aside for months where nothing can disturb it, and in darkness be laid on a plate of hot med spectre of the key will again appear. case of bodies more phosphorescent than the spectres of many different objects which have been laid on it in succession wi warming, emerge in their proper order. is equally true of our bodies and of our We are involved in the universal metaz Nothing leaves us wholly as it for Every man we meet, every book we read picture or landscape we see, every word. we hear, mingles with our being and moi There are cases or record of ignorants in states of insanity, uttering Greek a brew phrases, which in past years the heard their masters utter, without, of comprehending them. These tones is been forgotten; the traces were so faunder ordinary conditions, they were in but these traces were there, and in the light of cerebral excitement they star prominence, just as the spectral image key started into sight on the application It is thus with all the influences to a are subjected.—Cornhill Magazine.

Drunkenness in Wine growing Col-In Europe you see many things wh Take the use strange to an American. If I am right, the Europeans consuc 6.500,000 gallons of wine. In Fran out of account the pasture land will ploughed, and the forests, of the actu land one-third is devoted to the cultar grape. Yet there are immense district no wine can be raised at all. I see its the government returns make it appear people of France drink 850,000,000; wine, and the calculation is that the: not much less than 1,000,000,000! Y believe, in the year 1859, there was drunkenness among the 39,000,000 France as among the 3,000,000 of Y New Lagland! I have been four r Rome; there are wine shops everywh out doors from three to six hours a have never yet seen a man drunk: not one is merry, never intoxicated. Italians, French, &c., are quite temper drink their weak wine with water, and take liquors, it is only a little glass (which does not make a spoouful.)