LARGER CROPS.

We must raise larger crops, and to do this must raise them less frequently. This is the key-note of the coming improved system of American agriculture in all sections where good land is worth less than one hundred dollars per acre. In the neighborhood of large cities and wherever land commands a high price, we must keep our farms in a high state of fertility by the purchase of manures or cattle food. Those of us in the interior, where we cannot buy manure, must raise fewer grain crops and more clover. We must aim to raise forty bushals of wheat, fifty bushels of barley, eighty bushels of oats, and one hundred bushels of shelled corn and five bushels of clover seed per acre. That this can be done on good, welldrained land, from the unaided resources of the farm, I have no doubt. It may give us no more grain to sella than at present, but it will enable us to produce much more mutton, wool, beef, cheese, butter and pork than at present. "But, then, will there be a demand for the meat, wool, &c.?" The present indications are highly favorable. But we must aim to raise good meat. The low-priced beef and mutton sold in our markets is as profitless to the consumer as it is to the producer. We must feed higher, and to do this to advantage we must have improved stock. There is no profit in farming without good tillage, larger crops, improved stock and higher feeding .- Joseph Harris.

RASPING HORSES' FEET .- Rasping down the feet nicely, as they call it, is quite a passion with some people. have often rasped the hoof, and the owner of the horse standing by to tell when it would suit him. This rasping on a hoof that happens to be a little ill-shaped, until it will spring under your finger, is far too dangerous a plan for making things look well. I have often commenced on hoofs that had a beautiful gloss all over, and given them a thorough rasping; not that I could make them any better, for that was beyond the power of human hands, but they had to be rasped merely because the owner's mind was a slave to fashion or fancy. This rasping takes the strong surface off the hoof; and nature, trying all she can to make up for evil done by injudicious hands, forms a hard glassy surface to protect the foot. This glassy surface takes the place of the previous tough horn, and at the next shoeing the hoof will probably split a little at the nails, and not unfrequently the nail punches a piece out before it .- Cor. Canada Farmer.

An old farmer, in the Germantown Telegraph says the " practice of coating the bark of fruit and ornamental trees with whitewash is one that cannot be too severely deprecated. The obstruction of respiratory organs and orifices, whether effected by the application of whitewash or any other adhesive material, always acts as a fruitful sourse of disease, and in time proves fatal to the tree. When the bark becomes rough or incrusted with moss it should be cleaned by scraping and washing down thoroughly with a solution of potash or soda in water, affording smoothness to the surface without obstructing the pores."

A Syrian Protestant has set up a steam flouring-mill at Acre, near Mount Carmel, and is grinding wheat for the whole population of Galilee and along the coast. An Armenian Protestant has a saw-mill near the mouth of the Orontes. A Protestant in Beirut is largely engaged in introducing kerosene oil and lamps from the United States, which are superseding the use of olive-oil for light.

The wheat crop moves rapidly westward. One generation suffices to exhaust the wheat-growing capacity of a new district; thereafter, it buys its bread of some newer, less abused region. How soon must we, at this rate, look for bread to Nevada and Oregon?

Norhing makes a man so miserable as having nothing to do. No men are more to be pitied than those who have their time on their hands, and no employment.

Who is wise? he that learns from every one. Who is powerful? he that governs his passions. Who is rich? he that is content.

Scientific.

HINTS ON LIGHTING FIRES.

Many persons have often noticed the extreme difficulty encountered in lighting the fire in a stove, especially on a still damp morning. The stove at first won't draw-even vigorous blowing will not suffice; and then when it does start, it is with a sort of an explosion or outward rush of air, which fills the room with smoke and gas, oftentimes puffing the unpleasant fumes into the face of the operator.

This trouble is caused by the difficulty encountered in overcoming the inertia of the long column of air in the pipe or chimney, by the small column of air that can be torced up through the interstices of the wood and coal, at the bottom of which the fire is kindled. All this may be remedied by simply putting a few shavings or bits of dry paper on the top of the wood or coal, and first lighting that; it immediately bursts into a blaze, because the air has perfectly free access to it from all sides; the heated air forces its way into the chimney, and establishes there an upward current. The match can then be applied to the kindling under the fuel, which will readily light, and, if dry, burst into a brisk blaze .- American Rural Home.

VOLTAIRE'S DYSPEPSIA CURE.-A correspondent of the Hartford Times said: In the Memoirs of the Count Segur, vol. ii, page 168, there is the following anecdote:

My mother (the Countess de Segur) being asked by Voltaire respecting her health, told him that the most painful feeling she had arose from the decay of her stomach, and the difficulty of finding any aliment it could bear. Voltaire, by way of consolation, assured her that he was once for nearly a year in the same state, and believed to be incurable, but that a very simple remedy had restored him. It consisted in taking no other nourishment than the yolk of eggs, beaten up with flour of potatoes and water.

Mode of preparation as recommended by Sir John Sinclair: Beat up an egg in a bowl; then add six tablespoonfuls of cold water; mix the whole well together; then add two tablespoonfuls of the farina of potatoes, to be mixed thoroughly with the liquor in the bowl. Then pour in as much boiling water as will make the whole into a jelly, and mix it well. It may be taken either alone or with a little milk and sugar. Not only for breakfast, but in cases of great stomach debility, or in consumptive disorders, at other meals. The dish is light, easily digested, extremely wholesome and nourishing. Bread or biscuit may be taken with it as the stomach gets stronger.

RECIPE FOR ROOF CEMENT.-Four parts of coal tar, one of air-slacked stone or shell lime, and one of hydraulic cement or water lime. The cost of the materials is about three or four cents per gallon, - a quantity sufficient for a large roof costing only a trifle. Put the tar into an iron pot over a slow fire, and when moderately hot, sift in the lime and the cement. Stir and mix well. Apply it warm. A second coat will be well to make sure the covering of all the leaky cracks and to increase its durability. To improve white or yellow dry sand soon, or about as fast as it is put on, as it soon becomes hard.

PATENT RAIL SPLITTER .- An ingenious Georgian has invented a "patent rail splitter," by which an immense pine log can be riven in a very brief time. A small iron cylinder, or tube, about a half inch in diameter and six inches long, in two equal segments fit ting closely together, is inserted into an orifice made with a common auger in the centre of the fallen log. This is filled with powder by means of a slender tule surmounted with a furnel, the charge amounting to an ordinary musket load. A fuse is then attached and fired and the toughest log is split like an acorn. The Georgians regard it as a grand labor-saving invention in these days, when the laboring classes of the South have their time almost wholly engrossed by politics.

He is the best accountant who can cast up correctly the sum of his own errors .- Nevins.

Lies are hiltless swords, which cut the hands that wield them.

HALIFAX, N. S., APRIL 3, 1872.

MESSENGER ALMANACK.

APRIL, 1872. New Moon, April 7th, 8h. 17m. afternoon.
First Quarter, "15th, 5h. 57m. afternoon.
Full Moon, "23rd, 9h. 23m. morning.
Last Quarter. "30th, 4h. 7m morning.

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THE TIDES .- The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and Il minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland, 20 minutes earlier, than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 min-

FOR THE LENGTH OF THE DAY .- Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT—Subtract the time of the sun's setting from 12 hours, and to the remainder add the time of rising next morning.

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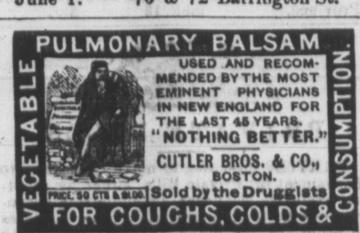
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WINDSOR AND ANNAPOLIS RAILWAY.

TIME TABLE No. 10.

COMMENCING 1st JANY, 1879. rs.

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marked. Trains Nos. 1 and 6 will be run as soon as steamer arrangements, now in progress, are complete, and will stop when flagged for Passengers for the steamer from all Stations. Trains No. 2 and 5 carry Local Freight between Kentville and Hatifax, and intermediate

Trains No. 3. and 4 carry Local Freight between Kentville and Annapolis, and intermediate Stations, and Through Freight to Hali-VERNON SMITH, Halifax, 1st January, 1872. Manager.

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solicited) from leading ministers and others, strongly commending the work have been re-Among the churches that have already

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ing institution : Cellege at Kalamazoo, Mish.; Rochester Theelogical Seminary; Newton Theological Institution; Acadia College, N. S.; Chicago Theological Semisary, Ill; Worcester Academy. The Publishers have no paid agents in the field to visit and importune the churches, no trumpeters to sound the praises of their book in the way of paid-for newspaper puffs, etc., nor can they afford to pay for several column

advertisements in the various denominational papers. Their exhortation to all desirous of procuring a new book therefore is "BE NOT DE-CRIVED." READ, EXAMINE, COMPARE, and be SURE YOU " GET THE BEST."

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