ACTION OF POTASH ON FRUIT TREES.

Dr. George B. Wood in a late communication to the American Philosophical Society, in Philadelphia, presented the result of certain experiments made by him upon the effect of salts of potassa when applied to grain and fruit producing soils. In his view, the depreciation of the productiveness of apple, peach and quince orchards is due to the exhaustion of potash from the soil. Several of such orchards, formerly very valuable, but which had within a few years ceased to bear much fruit, on being treated with an application of wood ashes to the roots of the trees, became completely revived, producing full crops the following year. A still more striking effect was seen the second year, under a renewal of the application. He cited several other instances where the same results followed: in one case where an apple orchard, planted on an old orchard's site, which had never borne fruit, was made to produce a good crop by the application of ashes. - Agricultural Report.

· Turnips as well as other roots, fed moderately to horses as well as to cattle, about the time of the change from pasture to dry fodder, assist in maintaining the sleek healthy condition which they have acquired on good grass. Most horses soon learn to like ruta bagas, although rejecting them at first, and we have known them to take hold of a large root and gnaw it down with as much relish as a boy does a big apple.—Country Gentleman.

STEAMED FOOD A PREVENTIVE OF HOG CHOLERA .- An exchange says: - "Several very extensive hog growers" of Henry Co., Ill., say that feeding steamed feed is a perfect preventive of the hog cholera, and that no one there this season, who fed steamed food, has lost a hog by the cholera." We seriously doubt if it is the food alone that prevents the hog cholera. Our observation is that with a wholesome diet there must be care, shelter, dry pasturage and good, pure water.

A recent publication of Mr. W. Patterson, of Dundee, Scotland, of a series of experiments with potatoes, carried on through many years, gives, as results, deterioration in size of tuber, and greater liability to disease when the same seed is grown a second season on the same ground.

The Canada thistle is making fearful headway in Bureau and La Salle counties, Illinois. There are about sixteen acres in Bureau, and La Salle has at least two thousand acres of them. In a few years, unless it is checked and exterminated, there will be two hundred thousand acres covered with it.

Self-milking cow.—A correspondent of the Prairie Farmer gives the following cure: A very good way to keep a cow from sucking, and at the same time give her the most freedom of action, is to put the following contrivance on her: Put a strap aroundher neck and one around her body about midway. Take a good stout stick about the size of a hoe-handle, and long enough to reach from one strap to another. Pass the stick between the fore-legs, and tie it to the straps. It will be impossible for her to suck with it on.

BEES.—Nothing is wanting but good hives, good pasture cleanliness, and attention to insure a rich reward to those who engage in bee culture; but training is quite as necessary to the full comprahension of the occupation, as it is to the trade of a carpenter or shoemaker.

CURE FOR BEE STING .- The immediate application of pure spirits of turpentine.—American Bee Journal.

Another: I find strong aqua ammonia (hartshorn) the best remedy. Apply immediately, but do not rub the spot stung .- J. H. THOMAS.

THINNING FRUIT.-Dr. Farley, of Union Springs, N. Y., informs us that early in the season he directed his hired man to thin the pears on a row of fifty, bearing trees, by taking out onehalf the poorest looking ones. This was done; but being a year of great abundance, the thinning was not sufficient. The pears grew so much larger

in consequence of the operation, as to heavier load and a greater number of bushels, than the remaining unthinned trees. He thinks it would have been better to have thinned out one-half the remaining pears by a second operation, both on account of the benefit to the trees by bearing a smaller number of specimens, and the great superiority of the fruit and its higher price in the market .- Country Gentleman.

APPLES FOR PROFIT .- If you wish to plant apples for rout, let your orchards be largely of winter sorts, and of those that have succeeded the best in your localities. If you expect to grow good fruit, give it good care .-Small Fruit Recorder.

Scientific.

TO STOP BLEEDING AT THE NOSE. .

There are two little arteries which supply the face with blood, on each side. These branch off from the main arteries on each side of the neck, passing over the outside of the jawbone, about half of the way back from the chin to the angle of the jaw, under the ear, upward toward the eye. Each of these arteries supplies just half of the Parrsboro'. Cornwallis, Horton, Hantsport, face, the nose being the dividing line. Now, supposing your nose bleeds at the right nestril, with the forefinger feel along the outer edge of the right jaw, till you feel the beating of the than at Halifax. At Charlottefown, 2 hours the right nestril, with the forefinger artery directly under your finger, the | 56 minutes later. At Westport, 2 hours 54 same as the pulse in your wrist. Then press the finger hard upon it. The result will be that no drop of blood goes into the side of your face while the sum subtract the time of rising. the pressure continues; the nose instantly stops bleeding for want of blood to flow. Continue the pressure for five minutes. and the ruptured vessels in the nose will by this time probably contract, so that when you let the blood into them, they will not leak. Bleeding from a cut or wound in any part of the system may be stopped by compressing the artery from which the blood flows. Acting upon a knowledge of this simple fact, should occasion require, you may save the life of another or your own.

VARNISHING .- When applying varnish, do it quickly; have the material cut or reduced with spirits of turpentine until it flows nicely without a gummy feeling. Do not brush after the varnish begins to set, but thoroughly before, A heavy or very light coat will not prove best, a medium coat should be the rule. After a little practice all the furniture of the house, and the buggies, carriages, etc., about the premises may be kept looking like new with little expense, and without employing a practical painter. -Ohio Farmer.

Non-smoking chimneys. — To build a chimney so that it will not smoke, the chief point is to make the throat not less than four inches broad and twelve long; then the chimney should be abruptly enlarged to double the size, and so continued for one foot or more; then it may be gradually both at tapered off as desired. But the inside of the chimney, throughout its whole length to the top, should be plastered very smooth with good mortar, which will harden with age. The area of a chimney should be at least half a square foot, and no flue less than sixty square inches. The best shape for a chimney is circular or many-sided, as giving less friction (brick is the best material, as it is a non-conductor,) and the higher above the roof the better. -Scientific American.

Perhaps not every housekeeper knows that fried mush to be really "tip-top" should be previously frozen. The improvement made by freezing is evident to the dullest palate, though the reason thereof will probably always remain a mystery. - Ohio Farmer.

But few persons will eat sour bread, and many a loaf has been and still will be wasted by the housekeeper not knowing that by dipping into water in which a little bread-soda has been dissolved, and then browning in the oven, and making it into toast, it will be eatable. - Ohio Farmer.

A PROBLEM.—A blind beggar had a brother who went to sea and was drowned. Now, the man who was drowed had no brother. What relation was the man drowned to the blind beggar? [The blind beggar was the drowned man's sister.]

HALIFAX, N. S., FEBRUARY 14, 1872.

MESSENGER ALMANACK.

FEBRUARY, 1872.

| וכ | Day | SUN. | | | . 1 | MOON. | | | | High Tide | | |
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THE TIDES .- The column of the Moon's Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax 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

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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Jan. 10.

WINDSOR AND ANNAPOLIS RAILWAY.

TIME TABLE No. 10.

1.0 1 +

COMMENCING 1st JAN'Y, 1872.

| The second name of the second name of the second | Miles. | DOWN TRAINS. | Express. 1st class only. | Passengers. Freight and Mails. | Passengers and Freight. |
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125 = | Four Mile House 12 10 | 6 12 N.B.—Trains meet and pass where the—is marked. Trains Nos. 1 and 6 will be run as soon as steamer arrangements, now in progress, are

118 5 | Rocky Lake | 11 40 | 5 42 | | 121 | 5 | 6 00 |

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 Halifax, and intermediate Trains No. 3. and 4 carry Local Freight be tween Kentville and Annapolis, and interme-

diate Stations, and Through Freight to Hali-VERNON SMITH, Halitax, 1st January, 1872. Manager.

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N. B.-Cotton Mills, St. John, N. B., Aug. Jan. 3,

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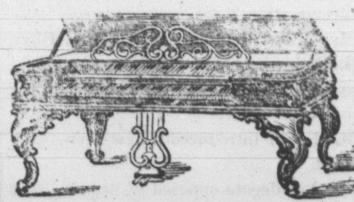
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