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# Agriculture.

### HENS EATING FEATHERS.

We might as well try to extinguish flames by pouring oil upon them as to cure feather eating by a flesh diet; and fresh vegetables, though excellent for other reasons, are useless for the purposes under consideration. Feathers not wholly matured contain more or less blood in the quills, and form very choice morsels which will be greedily plucked and devoured by any flock of fowls, provided, first, that they can learn how, and second, that they afterwards have opportunity. The learning is invariably accomplished when fowls are confined in small rooms. Under such circumstances. if there is any mischief that can be invented, they will acquire it. A fowl in attacking a companion incidentally plucks a feather, and, pleased with the taste, swallows it and seeks another. Now in close quarters the underlings of the flock can readily be cornered by their superiors, hence the second requisite, opportunity is gained. Hens are observing creatures, and are especially on the watch with jealous greediness when they notice one of their fellows eating something. Consquently, when one sets the example they all imitate, and in a few days they become a set of cannibals, eating each other alive like so many Kilkenny cats. A friend of ours had, a couple of years ago, a half dozen fowls in a small pen, that not only stripped the feathers from each other, till large patches of skin were bare, but pecked away the flesh also till considerable cavities were formed. Giving fresh meat or fresh vegetables will stop them just about as long as a noisy child can be silenced by gingerbread, that is, while its mouth is full. A flock of fowls once thoroughly demoralized had better be killed at once, unless the season of the year and the premises are such that the birds can be given a wide range so that they may disperse and avoid each other. In cold weather and during storms, when your fowls naturally huddle together in a corner, keep them scratching and pecking. legitimately, as may be done by the exercise of a little ingenuity. The practice of plucking may be checked by daubing the plumage of all the fowls attacked with coal tar applied warm, but the remedy is as bad as the disease. for any biped tarred and feathered is a pitiable object .- Poultry World. SMALL FRUITS AMONG STANDARD FRUIT TREES .- Very many, anxious to economize their land will grow strawberries thereon while their trees are growing upward to bearing age. We only repeat what we have often said before, such a course will be either a sure loss to the trees, or a preventive of their sucessful growth. No crop exhausts the soil so much as strawberries. The roots extract all their moisture from the soil, and the trees have no odds against a soil doubly full of myriads of little rootlets, sucking the life and food away from it. Blackberries are less exhausting than strawberrie ;; currants appear to have very little injuries effect, as their shade helps the soil to retain moisture sufficient for both. In general, no plant should be allowed to grow within three or four feet of a fruit tree, and when in bearing the trees will thrive best if they occupy the soil exclusively .- Horticulturist.

GARDEN PEAS may be grown successfully without brush, by sowing in rows from twenty inches to two and a half feet apart, and letting the vines fall on the ground. A little care will make them all lop to one side. It is claimed that the vines will keep fresh and in bearing longer, when lying on the ground than when brushed. Market gardeners seldom brush their peas, but sow in wide drills, and some of the best luck we ever had was with patches sown broadcast on good soil.

THE

IN-AND-IN BREEDING .-- During a recent dicussion in England, it was stated that the most sucessfal lines of short-horns where those in which one animal was the sire of the sire and the dam also-thus making the parents half brother and sister by the same sire out of different dams. This system of breeding had produced some of the finest cattle in the country. It was also said that were cattle where closely inbred and preserved their consitutions they had a tendency to lose color, save perhaps in the ears, and to become white.

# Scientific.

House Building .- A paper on this subject, read by Edward Roberts, F. S. A., before the Royal Institute of British Architects, closes as follows : 1. Never allow pervious drains in pervious soil. 2. Never allow a cesspool or drain near a well. 3. Never select St. John's, Newfoundland. 20 minutes ea than at Halifax. At Charlottetown, 21 gravel as a building site if well-drain- 56 minutes later. At Westport, 2 hou ed clay can be obtained. 4. Never minutes later. At Yarmouth, 2 hours 20 allow drinking water to be drawn from a cistern supplying a water-closet. 5. hours to the time of the sun's setting, and Never allow waste-pipes to be inserted into water-closet traps. 6. Never allow rain water to run to the ground if hours, and to the remainder add the ti it is required above. 7. Never allow rising next morning water to stand in pipes exposed to frost. 8. Never allow pipes to be fixed so that they cannot empty themselves. 9. Never ventilate except by pipes or tubs, inlets and outlets being of equal size. 10. Never use glazed earthenware pipes for upward flues. 11. Never allow chandeliers to be the exclusive light merely because it has been customary.

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### HALIFAX, 6TH MAY, 1872. I. HEPWORTH

ully informs his friends and the e has opened the Store,

GEORGE TREET, below the Parade, where he will business of

## AND DRUGGIST,

has been newly stocked with is and Chemicals, Patent Mediassorted stock of

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## GATES' OF MAN BITTERS, FROM THE

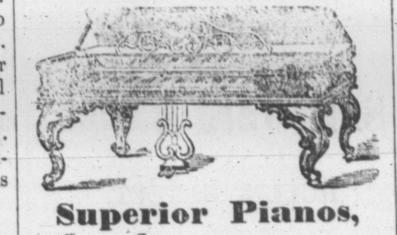
#### nd Plants of Nova Scotia,

nufactured by Mrs. Gates, of Wilwas pronounced incurable of Liver and Dropsy by many skilful phyn procuring several receipts from an ench physician, she was entirely afterwar is cured hundreds of cases first there seemed to be no hope. ese remedies to the public through ion of those who at present consider e indebted to them for the preser. eir lives. Many certificates can be e following diseases :- Dropsy, in its Liver Complaint, Jaundice, Swelimbs and Face. Asthma, of whatever pepsia, Biliousness, Spitting of Blood, Sick Headache, Diseases of the ale Diseases. Running Sores, Rhousipelas. of lung disease, the No. I Bitters ken with No. 1 Syrup, except in and young children, when No. 2 No. 1 Bitters must be used. Those om Lung diseases, should not fail to tion to the above, Gates' Vegetable plied between the shoulders and to and chest with Nerve Ointment. complaint and Dyspepsia, No. 2 t be taken with No. 1 Syrup. cases of Dropsy, No. 2 and No. 3,

MANGLE WURZEL .- All things considered we regard this as the best crop for our climate. If the land is rich enough and the plants get a good start, the severest drouth seldom hurts the the crop. Sow in drills three feet apart and thin out twelve to fifteen inches in the rows. It requires about four pounds of seed per acre. The earlier the seed is sown the better, provided the soil can be got in good condition. It is better to substitute rutabagas, rather than sow on poorly-prepared land .- Am. Agriculturist.

REMEDY FOR PAINFUL WOUNDS. -Take a pan or shovel with burning coals and sprinkle upon them common brown sugar; and hold the wounded part in the smoke. In a few minutes the pain will be allayed and recovery proceeds rapidly. In my own case a rusty nail had made a bad wound in the bottom of my foot. The pain and nervous irritation was severe. This all was removed by holding it in the smoke for fifteen minutes, I was able to resume my reading in comfort. We have often recommended it to others with like results. Last week one of 99 our men had a finger-nail torn out by a pair of ice tongs. Held in sugar smoke for twenty minutes the pain ceased, and it promises speedy recovery.-Cor. Country Gentleman. THINK OF IT. - " 10 gls. Kerosene,

3 lbs. Potash, 1. oz strychnine, mixed with soft water." It was according to this cheerful, but not to say convivial formula, that a quantity of " whiskey " seized recently in Newtown, Mass, was compounded the recipe having also been found in the possession of the unfortunate dealers. If you want " Gin" add a sufficient quantity of " Oil of Juniper." The mystery is that men who drink this diabolical fluid do not drop down stone dead at once.



THE Subscriber begs respectfully to 1 to his Friends, and Public general having fitted up his Establishment with the Latest and most Improved Machinery,

and having secured a STAFFOF SUPERI

t be taken with No. 1. Syrup.

vel No. 5. Bitters and No. 1 Syrup, vith Gates's Vegetable Plaster and ment applied to the back near the

ns and Rheumatism in any part of No 1 Syrup, and Gates's Nerve and Acadian Liniment mixed together the paintul parts.

throat, rub the Liniment and Ointed together) into the parts affected, e time taking No. I Syrup to cleanse

nedicines will be promptly forwarded nufacturers when orders are accomthe cash. Address CALEB GATES ddleton, Wilmot, Annapolis Co.

Falmouth Oct. 26th 1869.

ir,-In the winter of 1858 my wife cked with dropsy affection which i a fatal termination, as the best phycould obtain failed to afford her any at last, she became so low, that they light die at any hour, after suffering months, she was advised to try your which she did. And by the blessing was soon cured. She has had her or since, and been able to attend to tic affairs. The physicians had abancase as hopeles. before she tried your which accomplished what they had

this statement from a sence of obligau and hoping that it may carry valrmation to others similarly affected, be them to use the same means of

d also add that your liniment and are a most excellent cure for rheund it is a real charm for the severest , and also your Plaster is excellent for and side.

I am sir very respectfully, RICHARD B. LYON.

1 per quart ; Syrup 50 cents per pint iniment 30 cents per bottle and the ointment 30 cents per box.

Address CALEB GATES & CO.,

Farmington, Wilmet, Annapolis Oo. FM A large number of certificates, similar

Experiments in Germany, it is claimed, have determined the weight of roots per acre of several of the farm crops. Ordinary stubble, with the roots in the first ten inches of soil, were separated from the earth and dried. The pounds of red clover roots per acre were 6,580; rye, 3,400; wheat, 3,400 pounds. This of course remains in the soil as a fertilizer. a

"Every cow should fatten one pig," is an old rule and a good one; that is, the daily product of a good cow should be in butter-milk and whey enough to feed one pig, after the cream and cheese are extracted.

OVERPAID-An Irishman having jumped into the water to save a man from drowning, upon receiving a quarter from the person as a reward for the service, looked first at the money and then at him, and at last exclaimed : Dominion, English or American. " I'm overpaid for the job."

The pitch of a musical note depends on the number of impulses in a given time; the greater the number of vibrations in a second, the higher will be the note produced. When the single impulses are fewer than 16 or more than 40,000 in a second, the ear is no longer sensible of a musical sound; in the first case it either perceives only an undefined deep hum, or else it distinguishes the individual strokes upon the tympanum and becomes sensible of them as distinct blows; in the latter case there is an impression of a sharp but equally indefinite shrill or hissing noise. The limits of suscertibility of the ear for musical sounds lie between 16 and 40,000 impulses per second. The number of vibrations in a second given by a normal tuning-fork was deter mined in the year 1859 to be 435.

John on Monday, Wednesday and Saturday, ARTIZANS, he is now in a position to man facture BOOTS AND SHOES,

Which for VARIETY, QUALITY, STYLE, FINISH AND CHEAPNESS cannot be excelled by any goods offered in this market, whether

BOOTS AND SHOES, at all Prices BOOTS AND SHOES, in all sizes. BOOTS AND SHOES made atter the latest French, English and American designs. Examine for yourselves, compare with other Goods, and if found worthy, encourage Home Manufactures.

WHOLESALE BUYERS Will find our Terms Liberal, and we assure them that their interests will receive our best

attention. GEORGE S. YATES. Halifax, N. S., April 24, 1871. May 3. To Parents and Sabbath School Teachers. JUST PUBLISHED.

SECOND EDITION-REVISED. A SCRIPTURE CATECHISM. for the Family, the Bible Class, and the Sabbath School,

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N.B .- Trains meet and pass where the ---- is

Steamer " Scud" or " Empress" leave St.

Steamer " Emperor" leaves St. John on Monday on arrival of "Empress" or " Scud" for Yarmouth, Portland, and Boston Steamers " New England," or " New Bruns wick," leave St. J hn on Monday and Thursday mornings, at 8 a. m., for Eastport, Portland, and Boston.

Trains of the Western Extension Railway leive St. John at 7.30 a. m. every morning for Woodstock, Fredericton, St Stephens, Bangor, Pertland, Boston, and all parts of the United States and Canada

Tickets by above routes to all parts in the United States and Canada may be obtained at 106 Hollis S'reet, Halifax, at Richmond, and the principal Stations on the Railway. VERNON SMITH,

Kentville, 1st May, 1872. Manager. May 1.

COTTON WARP. THE COTTON YARN, Manufactured at the NEW BRUNSWICK COTTON MILLS, Has the names of the mills and our name on a printed label on the end of the bundle. WHITE, RED and ORANGE YARN is put up in BLUE paper;

BLUE YARN is put up in BUFF paper. All Yarn made by us is warranted of best quality, full weight, and correctly numbered.

WM. PARKS & SON. N. B .- Cotton Mills, St. John, N. B., Aug. 8, 1871. Jan. 3,

to the above, have been received and will be published at times for the information of the afflicted and the people generally.

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