

dust; carpets wear out, and catch dust. Use neither. Cover your floors with the perfect finish-

ICO

500

ms

E

B.

-

that

ess

25

113

to.

een

DUR

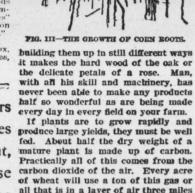
T



Sold by The Stothart Mercantile Co., Ltd.



On and after Sunday, Jan. 10th. 1909, trains will run daily, Sun. day excepted.



all that is in a layer of air three miles deep over the acre. The constant mixing of the air by the wind is always bringing fresh supplies within reach of the plant.

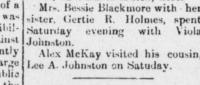
The farmer does not need to concern himself with the supply of carbon dioxide, for every time he builds a fire or even breathes he is adding to the

store of this material in the air. The smooth upper surface of a leaf is both air and water tight. On the underside, however, are many small openings, which are really the mouths of the plant. It is through these tiny holes that carbon dioxide is taken into the leaf to be used by the chlorophyll. In making starch and other products out of carbon dioxide and water some oxygen is given off. This passes out through the openings in the leaves. Send for free booklet Thus you see that plants breathe in well worth reading. much the same way as animals do, only they give off oxygen, the product which is used by animals, and take up carbon dioxide, the gas which is breathed out by animals. In this way plants make animal life possible. Aninals give off carbon dioxide and manure as waste products. Plants

tear these waste products to pieces and by rebuilding them make them once more into food for the animals. Next to carbon hydrogen and oxygen are the foods that the plant uses in largest quantities. Since water is

had been properly cared for. Leaving plowed ground, especially on hillsides, exposed for several months during the fall and winter allows much plant food to wash away. Growing the same crop year after year wears out the land rapidly. Different crops require different kinds of food. By changing crops from year to year no one food material is used to excess and the others wasted. By keeping as much stock on the farm as possible, saving the manure carefully and spreading it on the fields before it rots or leaches away and by using leguminous plants to gather nitrogen the soil can be kept

well supplied with plant food It is much more profitable to feed the crops in this way than to buy plant food on the market at excessive prices. Usually, however, the plant is hungry for the mineral elements not because they are not in the soil, but because they are in a form in which it cannot get at them. The roots of the plant spread all through the soil in search of food. If you will look at a little root through a magnifying glass you will see that it is covered with root hairs. It is through these root hairs that the plant takes up food from the soil. There are no openings directly into them, but the walls are so thin that the water can soak through to the inside. Solid substances, of course, cannot get in, so that the plant food must be dissolved in water before it can get into the roots and so up to the chlorophyll,



Works. It was the rule of the CHATHAM ACCIDENT House which prevented the read-WAS THE RESULT ing of the false affadavit, and not OF ATTEMPTED JOKE

Sir Wilfrid or his speaker. If Dr. Daniel or any other Conser-CHATHAM, April 22-In the Dom vative member will arise in his inion Pa million Saturday, a young place and assume the responsibility man named Creamer set out to have f laying a charge against Dr. Pugsley and demand an investigasome fan with the lith son of James Currie, who had entered the mill on an errand. He held him over the winde ion of his charge, the government trying to scare him by protonding to cannot refuse it. Why does not out him under the roll of pulp that Dr. Daniel follow the course purwas forming, and the lad's coat caugh under the roll and pulled the poor little sued by Mr. Huntington in 1873 when he brought his Pacific scandal fellow in. The machinery was quickl charges before the House? or of storeest and then it was found that th boy's log and been badly broken, fairly Mr. Tarte when he preferred his charges and demanded an investicrushed by the pressure to which and been subjected. Dr. Marven atration of the McGreevy scandal? tended the sufferer, and had him takes or of J. D. Edgar when he preferred to the Hoted Diett. his charges against Sir Adolph

Caron? All that Dr. Daniel has to Caron? All that Dr. Daniel has to do is to formulate his charge and DELICATE LITTLE CHILDDEN express his belief that he can pro-MADE WELL AND STRONG duce proof to substantiate it Evidently Dr. Daniel does not wish to jeopardie his seat by basing a

charge upon a false affadavit. in the Legislature that the \$4:30, 000 appearing in a report should

The little ones are frail. Their hold charge upon a false affadavit. Already Mr. Hazen has admitted in the Legislature that the \$430, 000 appearing in a report should be \$43,000 a difference of only \$387,000. And another small and insignificant amount of \$500,000 Hong Karlow (1990) hong Karlow ( be \$43,000 a difference of only \$387,000. And another small and

SLICKER HARD SERVICE GUARANTEED WATERPROOF AT ALL GOOD STORES TOWER CARLE

## Redbank MILLINERY. Mrs. Thos. Johnst in has just opened a new supply of Ladies and Children's

HATS.

for Spring and Summer.

## LEAVE NEWCASTLE

## GOING FORTH.

- Mixed for Campb., Mixed for Campb., Express for Campb. Maritime Express for Quebec and Montreal, No. 39. \*\* 35. \*\* 33.
- GOING SOUTH.
- No. 40. Mixed for Moneton Maritime Express for St. John, Halifax and
- oncton 36. Express tor St. John Moneton and Halifax, 38. Mixed for Moneton,
  60. Mixed for Derby Jet,

- All trains run on Atlantic Standard time south of Campbellton, twenty four hour notation; twenty four c'clock midnight

Moncton, Oct. 7th, 1908.

HOTEL MIRAMICHI Opened January 1905. Most Luxurious and Up-To-Date Hotel in Northern New Brunswick. JAS. P. WHALEN, Proprietor Newcastle, Miramichi, N. B.

HOTEL MIRAMICHI Telephone Connection in Bach Bosm ically Furnished Rooms with Prive is of Brick with Adequal -The Heart of the Sportsm Fishing Privileges on the Nerth She Imported Chefs Fine Sampl Roome Livery Stable in Connection Rates \$2.00 and 250

Festures of

composed of these elements, the supply will be plentiful as long as there

s plenty of water in the soll. There is one element, nitrogen 14.00 which forms a considerable part of the plant, that is harder to get. While 24.35 three-fourths of the air is nitrogen. the plant does not seem to be able to use it in this form. The only kind of plants that can use the nitrogen in the air at all are the legumes, such as 8.05 clover and alfalfa. Certain bacteria that live on the roots of these legumes 11.26 have the power of changing the atmospheric nitrogen into forms 16.00 which the plant can use it. We shall study more about this process later. Nitrogen is one of the most impor-tant plant foods, and it is one that is very often lacking. If the plant can-not get a sufficient supply of nitrogen it will be stunted, will stop growing early, and the yield will be very much reduced. Since all the crops, with the

exception of the legumes, must get their nitrogen from the soil, the farmer must see to it that there is a plentiful supply there if he wishes to ob-

tain a large yield. If you will drop a little rich black soil on a hot shovel some of it will go up in smoke. The part that burns is humus and is made up of vegetable and animal matter which is partly de-cayed. This humus contains large amounts of nitrogen, and from this source the greater share of this element used by the plant must come. If your soll is black, spongy and well supplied with humus there is little danger that the plant will go hungry for nitrogen. One of the best ways to keep a field in this condition is to apply liberal quantities of barayard magreen crops, especially clover. Some-times it is necessary to ver. nure. Another way is to plow under times it is necessary to buy nitrogen for the plant in the form of commercial fertilizers, but this is a very expensive way of obtaining it. Even when the plant is given all the

mitrogen it can use it sometimes fails

which is waiting to build it into seeds or leaves. If the soil has been worked until it is fine and loose each little particle

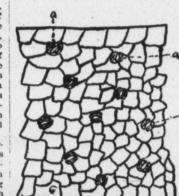


FIG. IV-MAGNIFIED SECTION OF UNDER SIDE OF LEAF SHOWING BREATHING PORES-A. A. A.

will become surrounded by water which will readily dissolve the plant food from it. If, on the other hand, the soil is in the form of chunks and de very little of the plant food can be dissolved. The plant food that is on the inside of a clod might as well be out in the road or over on one of neighbors' farms. the Some of the potassium and phos

phorus will not dissolve even when brought in contact with water. It t.kes a long contact with the air to cause chemical actions which will change it into a soluble form. Continual stirring of the soil hastens this change. Thorough stirring also loosens up the ground so that air can get down to the roots. Without aid they will stop growing and the entire work of the plant will stop. The yellow ap-pearance of a patch of corn in a low place where the ground is water soakdue to lack of air about the

ed is

insignificant amount of \$500,000 rhoea, and brings the little teeth through pairlessly. You can give the Through pairlessly. You can give the through pairlessly. You can give the Tablets with equally good results to the new born baby or well grown child. Mrs. R. G. Flewell, Uxbridge, Ont., says:-"I have used baby's Own Tablets and find them a perfect troubles." Sold by m-dicine dealers or by mail at 25 cents a box-from the Dr. Pugsley, Ont. and Dr. Pugsley,

After a girl gets to be about so he prefers kisses to fudge.

A woman gets mad if she bears any me abusing her husband. His usurp ing her privilege.

The Open Door for Consumption And How "Father Morriscy's No. 10" (Lung Tonic) Closes it.

A low ran-down condition, with per-haps a neglected cold and a little cough, is a cordial invitation to the White Plague, Consumption, to come in stad make itself at home. And it seldom overlooks the invitation.

In such a case there is no time to be In such a case there is no time to be lost. The door must be promptly closed. This can be done by taking a complete rest, with plenty of fresh air, and "Father Morriscy's No. 10" (Lang Tonic). This medicine clears out the passages, relieves the cough and heals the delicate membrane of lungs and air passages. But perhaps most important of all, it builds up the whole system, giving Nature the needed assistance in fighting off the dread disease. Though other remedies may have

Though other remedies may have failed, don't give up. Try 'NPather Morriscy's No. 10", combined with fresh air and exercise, and even though fresh air and exercise, and even though you are in the first stages of consump-tion there is hope of a permanent cure. Sample bottle 25c. Regular size 50c, at your dealer's, or from Fahr Morriscy Medicine Co., Ltd., Chatham, N.B. 14 Iben to hear himself spoken of being charitably inclined. Of course your neighbor has faults, but you should have suffici self-control not to mention them.



**Horsemen Read This** I have used MINARD'S LINIMENT

in my stables for over a year, and consider it the VERY BEST for horse flesh I can get and would strongly rec-ommend it to all horsemen. GEO. HOUGH. Livery Stables, Quebec, 95 to 103 Ann

Try to get what you are looking for in this world, for you will probably get what you are not looking for in the next.

PILES CURED IN 3 TO 6 NIGHTS -One application gives relief. Dr. Agnew's Ointment is a boon for Itch-ing Piles, or Blind, Bleeding Piles. It relieves quickly and permanently. The skin eruptions it stands without a rival, Thousands of testimonials if you want avidance 35 courts Sold by you want evidence. 35 cents. Sold by A. E. SHAW'S Pharmacy.-16

Nothing pleases a stingy man mor than to hear himself spoken of as

Trimmed and Untrimmed. Also Flowers and Ribbons please call and inspect before investing elsewhere.



Synopsis of Canadian Northwest Lan Regulations.

Any person who is the sole head of family, or any male over 18 years Any period of the second secon of available Dominical land in Mani-toba, Saskatchewan or Alberta. The applicant must appear in person at the Dominion Lands Agency or Sup-Agency for the district. Entry by proxy may be made at any agency, on certain conditions, by father, mother, son, daughter, brother or sister of m-tending homesteader. Duties, --Six months' residence upon and editionation of the land in each of

and cultivation of the land in each three years. A homesteader may live within nine *in* les of his homestead on a farm of at least 80 acressolely owned and occupied by him or by his father nother, son, daughter, brother, or sis

In certain districts a homesteader in cood standing may pre-empt a quar-er-section alongside his homestead. Price \$3.00 per acre. Duties—Must reside six months in each of six years from date of homestead entry (includ-ing the time required to earn home stead patent) and cultivate fifty acres xtra

extra. A homesteader who has exhausted his homestead right and cannot obtain a pre-emption may take a purchased homestead in certain districts. Prices \$3.00 per acre. Duties—Must reside six month: in each of three years, cultivate fifty acres and erect a house worth \$300.00. W W CORY

being charitably inclined. Of course your neighbor has his faults, but you should have sufficient faults, but you should have sufficient or. 11-37.

No, Cordelia, a false witness isn'i cessarily a bleached blonde.