

CORN SMUT.

An Authority on the Subject Expresses His Views and Makes Some Suggestions.

According to the chief of the section of vegetable pathology, "it is as certain that corn smut cannot originate spontaneously as that corn itself must grow from seed." The extinction of the spores then means the reduction of the smut sooner or later, but co-operation over wide areas is necessary, since the spores are light and may be carried to the atmosphere more easily than ordinary dust particles.

Any remedy must be thoroughly tried before being condemned (one year is not sufficient) and every source of error must be guarded against. It is worthy of notice that the time of greatest injury to corn from smut is at the time of fruiting. Corn smut is a marked exception to most other kinds of smut, in that it forms its spore mass in any part of the plant except the roots, instead of being always found in some definite place.

Outward applications are ineffective because the fungus is entirely within tissues until after the damage is done. To destroy the spores adhering to the seed grains, immersion in a strong solution of copper sulphate (blue vitriol) has been used with good results. Only a few minutes are required, just long enough to wet the seed without injuring its vitality. Pure seed, however, will be of no avail against smut spores in the manure used, or smutty chaff left in the field.

In the eastern and middle states the flint varieties of corn have the preference, while in the south and southwest the dent or horse-tooth kinds are largely grown. The latter have larger stalks and are usually later in ripening than eastern flints. Shorter seasons, says an American Cultivator, have obliged farmers in New England to select corn for earliness, and this, indeed, in some seasons is anywhere a most desirable quality to have.

Run no risk in buying medicine, but try the Great Kidney and Liver regulator, made by Dr. Chase, author of Chase's Liver Cure for the Liver, Kidneys, Stomach and Bowels. Sold by all druggists.

The absence of home life is one of the prevailing characteristics of California, and one which the people should endeavor to remedy. At present time many a young couple marry, elect to live in a couple of rooms, and go out to some restaurant for every meal, a state of things which the bridegroom soon finds might be improved upon.

There are lots of books she can study on this interesting subject. She might make herself famous in society for her dinners, and end not always a silly staid one; on the contrary, there are lots of rich people who only succeed in making themselves notorious by their vulgar profusion and want of taste.

Mr. A. W. Cheever, of Massachusetts, notes the superiority of fine sandy loam for potatoes over a richer looking dark soil.

Professor Henry states as the result of an experiment that long ensilage will go nearly twice as far in feeding cows as long fodder when large varieties of corn are used.

England is said to have one cow to eight and a half persons; France, one cow to three and one-third persons; and America, one cow to two and three-fourths persons.

Every One's Friend.

A mistake which many of us make all our lives is in not availing of the word of praise to those who would like to see us prosper, and especially in the case of the young. The child who brings you her squabs of patchwork with its row of laborious stitches expects you to commend her industry by her skill or her despatch, instead of merely saying, "another square and a fresh needleful of thread; the child who has refrained from indulgence in the face of a great temptation would be very unchildlike if she did not look for an expression of appreciation in some form or other."

Partly Gave Up. In the years 1886 I coughed for six months, and having unsuccessfully tried many remedies, I partly gave up, thinking I had consumption. At last I tried Hays's Pectoral Balsam, less than one bottle of which cured me, leaving me as well as ever I was.

A Wonderful Organ. The largest organ, and one that plays a controlling part on the health of the body is the liver. If torpid or inactive the whole system becomes diseased.

Boys who peep into the windows of a bank and see a number of nicely dressed clerks handling heaps of money, conclude that banking must be an easy business, besides being very profitable.

The distressing paleness so often observed in young girls and women, is due in a great measure to a lack of the red corpuscles in the blood. To remedy this requires a medicine which produces these necessary little blood constituents, and the best yet discovered is Johnson's Tonic Bitters.

The absence of home life is one of the prevailing characteristics of California, and one which the people should endeavor to remedy. At present time many a young couple marry, elect to live in a couple of rooms, and go out to some restaurant for every meal, a state of things which the bridegroom soon finds might be improved upon.

There are lots of books she can study on this interesting subject. She might make herself famous in society for her dinners, and end not always a silly staid one; on the contrary, there are lots of rich people who only succeed in making themselves notorious by their vulgar profusion and want of taste.

Mr. A. W. Cheever, of Massachusetts, notes the superiority of fine sandy loam for potatoes over a richer looking dark soil.

Professor Henry states as the result of an experiment that long ensilage will go nearly twice as far in feeding cows as long fodder when large varieties of corn are used.

England is said to have one cow to eight and a half persons; France, one cow to three and one-third persons; and America, one cow to two and three-fourths persons.

Run no risk in buying medicine, but try the Great Kidney and Liver regulator, made by Dr. Chase, author of Chase's Liver Cure for the Liver, Kidneys, Stomach and Bowels. Sold by all druggists.

Boys who peep into the windows of a bank and see a number of nicely dressed clerks handling heaps of money, conclude that banking must be an easy business, besides being very profitable.

Smart Boys Wanted.

Elderly gentlemen, wanted at their own expense, for the purpose of being interviewed by a reporter of the Huron Signal, in connection with the publication of a book on the subject of "The Art of Living."

Partly Gave Up. In the years 1886 I coughed for six months, and having unsuccessfully tried many remedies, I partly gave up, thinking I had consumption.

A Wonderful Organ. The largest organ, and one that plays a controlling part on the health of the body is the liver. If torpid or inactive the whole system becomes diseased.

Boys who peep into the windows of a bank and see a number of nicely dressed clerks handling heaps of money, conclude that banking must be an easy business, besides being very profitable.

The distressing paleness so often observed in young girls and women, is due in a great measure to a lack of the red corpuscles in the blood. To remedy this requires a medicine which produces these necessary little blood constituents, and the best yet discovered is Johnson's Tonic Bitters.

The absence of home life is one of the prevailing characteristics of California, and one which the people should endeavor to remedy. At present time many a young couple marry, elect to live in a couple of rooms, and go out to some restaurant for every meal, a state of things which the bridegroom soon finds might be improved upon.

There are lots of books she can study on this interesting subject. She might make herself famous in society for her dinners, and end not always a silly staid one; on the contrary, there are lots of rich people who only succeed in making themselves notorious by their vulgar profusion and want of taste.

Mr. A. W. Cheever, of Massachusetts, notes the superiority of fine sandy loam for potatoes over a richer looking dark soil.

Professor Henry states as the result of an experiment that long ensilage will go nearly twice as far in feeding cows as long fodder when large varieties of corn are used.

England is said to have one cow to eight and a half persons; France, one cow to three and one-third persons; and America, one cow to two and three-fourths persons.

Run no risk in buying medicine, but try the Great Kidney and Liver regulator, made by Dr. Chase, author of Chase's Liver Cure for the Liver, Kidneys, Stomach and Bowels. Sold by all druggists.

Boys who peep into the windows of a bank and see a number of nicely dressed clerks handling heaps of money, conclude that banking must be an easy business, besides being very profitable.

The distressing paleness so often observed in young girls and women, is due in a great measure to a lack of the red corpuscles in the blood. To remedy this requires a medicine which produces these necessary little blood constituents, and the best yet discovered is Johnson's Tonic Bitters.

Common Sense.

Is often fatal when not remedied in time. Lettie B. Nicholson, 19 Westley Ave., Toronto, says: "As a quick cure, colds, sore throats, chills, etc. I can recommend Hazard's Yellow Oil. It is a sure cure. Directions accompany each bottle."

NO SAND! NO DIRT! WHERE SHALL I GO TO BUY MY FRUIT? Why! go where you can get the choicest RAISINS, CURRANT and PEELS, and where they CLEAN every pound of FRUIT by Machinery.

IT WILL PAY YOU. TO GO TO CHAS. A. NAIRN'S PATENTS. CAVEATS, TRADE MARKS AND COPYRIGHTS.

THE BEST IS CHEAPEST. FARMER'S Advocate & Home Magazine. Every farmer should read the leading and only independent publication devoted to his business.

ENVELOPES. BUY ENVELOPES, NOTE HEADS, LETTER PAPER, BILL HEADS, Etc., Etc., at THE SIGNAL PRINTING OFFICE.

NASAL BALM. SOOTHING, CLEANSING, HEALING. Cures CATARRH, Cold in Head, NAY FEVER, STOPS CATARRH.

THE WEEKLY "FREE PRESS". LARGEST CIRCULATION IN WESTERN ONTARIO. THE "FREE PRESS" is the only newspaper in the West receiving the Association Press Dispatches.

FREE PRESS. LONDON, CANADA. The "Free Press" is the only newspaper in the West receiving the Association Press Dispatches.

THE "WIRT" FOUNTAIN PEN. EVERY PEN GUARANTEED. Writes Thin and Thick Letters, as with a quill nib.

MISS GRAHAM HAS OPENED OUT HER NEW FALL SHOW OF MILLINERY, and has the latest styles in SHAPES AND TRIMMINGS.

THE FREE PRESS. The Only Morning and Evening Paper Published in Western Ontario. It is forwarded on all early morning trains.

MISS GRAHAM HAS OPENED OUT HER NEW FALL SHOW OF MILLINERY, and has the latest styles in SHAPES AND TRIMMINGS.

THE FREE PRESS. The Only Morning and Evening Paper Published in Western Ontario. It is forwarded on all early morning trains.

MISS GRAHAM HAS OPENED OUT HER NEW FALL SHOW OF MILLINERY, and has the latest styles in SHAPES AND TRIMMINGS.

THE FREE PRESS. The Only Morning and Evening Paper Published in Western Ontario. It is forwarded on all early morning trains.

Short—Hallo, Magin, I haven't seen you lately. I suppose you have been very busy. Magin—Yes: I have been moving into a new house. I live on the square now. Short—Is that so? I must be a new experience for you.—Baton Post.

C. P. R. BOOM TOWN PROPERTIES FOR SALE. \$100 AND UPWARDS. I have a large number of Houses and Lots and Vacant Lands in the most desirable parts of the Town—FOR SALE CHEAP.

BURDOCK BILLS. A SURE CURE FOR DILATEDNESS, CONSTIPATION, INDIGESTION, DIZZINESS, SICK HEADACHE, AND DISEASES OF THE STOMACH, LIVER AND BOWELS.

FREE. The Best Gold Watch. Perfect timepiece. Warranted for 10 years. Price \$100.00.

ENVELOPES. BUY ENVELOPES, NOTE HEADS, LETTER PAPER, BILL HEADS, Etc., Etc., at THE SIGNAL PRINTING OFFICE.

NASAL BALM. SOOTHING, CLEANSING, HEALING. Cures CATARRH, Cold in Head, NAY FEVER, STOPS CATARRH.

THE WEEKLY "FREE PRESS". LARGEST CIRCULATION IN WESTERN ONTARIO. THE "FREE PRESS" is the only newspaper in the West receiving the Association Press Dispatches.

THE "WIRT" FOUNTAIN PEN. EVERY PEN GUARANTEED. Writes Thin and Thick Letters, as with a quill nib.

MISS GRAHAM HAS OPENED OUT HER NEW FALL SHOW OF MILLINERY, and has the latest styles in SHAPES AND TRIMMINGS.

THE FREE PRESS. The Only Morning and Evening Paper Published in Western Ontario. It is forwarded on all early morning trains.

MISS GRAHAM HAS OPENED OUT HER NEW FALL SHOW OF MILLINERY, and has the latest styles in SHAPES AND TRIMMINGS.

THE FREE PRESS. The Only Morning and Evening Paper Published in Western Ontario. It is forwarded on all early morning trains.

MISS GRAHAM HAS OPENED OUT HER NEW FALL SHOW OF MILLINERY, and has the latest styles in SHAPES AND TRIMMINGS.

THE KEY TO HEALTH.

BURDOCK BLOOD BITTERS. Unlocks all the clogged avenues of the Bowels, Kidneys and Liver, carrying off gradually without weakening the system all the impurities and foul humors of the secretions; at the same time Correcting Acidity of the Stomach, curing Biliousness, Dyspepsia, Headaches, Dizziness, Heartburn, Constipation, Dryness of the Skin, Dropsy, Dimness of Vision, Jaundice, Salt Rheum, Erysipelas, Scrofula, Fluctuating of the Heart, Nervousness, and General Debility; all these and many other similar Complaints yield to the happy influence of BURDOCK BLOOD BITTERS.

10000 PRESENTS. TO FIRST APPLICANT, WILL TAKE LAST. We will send by mail an appropriate gift to each man, woman or child who will try the BREADMAKER'S BAKING POWDER.

LITTLE'S LIVING AGE. In 1889 THE LIVING AGE enters upon its forty-sixth year. Approved in the outset by Prince George, Chancellor Kent, President Adams, historians Sparks, Prescott, Ticknor, Bancroft, and many others, it has met with constant commendation and success.

OPINIONS. "It is the best of the best productions of the best writers upon all subjects ready to our hand."—Philadelphia Inquirer.

NEW SUBSCRIBERS for the year 1889, commencing before Jan. 1st, the number of 1888 issues after the receipt of their subscriptions, will be sent gratis.

Club Rates for best Home and Foreign LITERATURE. "Possessed of THE LIVING AGE and one or other of our vivacious American non-things, a subscriber will find himself in command of the whole situation."—Philadelphia Evening Bulletin.

For \$30.00, THE LIVING AGE and any one of the American \$1.00 monthly magazines or Weekly or Bazar will be sent for a year, post paid, or, for \$25.00, THE LIVING AGE and the St. Nicholas or Scribner's Magazine.

Address, LITTELL & CO., Boston.

MISS GRAHAM HAS OPENED OUT HER NEW FALL SHOW OF MILLINERY, and has the latest styles in SHAPES AND TRIMMINGS.

THE FREE PRESS. The Only Morning and Evening Paper Published in Western Ontario. It is forwarded on all early morning trains.

MISS GRAHAM HAS OPENED OUT HER NEW FALL SHOW OF MILLINERY, and has the latest styles in SHAPES AND TRIMMINGS.

THE FREE PRESS. The Only Morning and Evening Paper Published in Western Ontario. It is forwarded on all early morning trains.

MISS GRAHAM HAS OPENED OUT HER NEW FALL SHOW OF MILLINERY, and has the latest styles in SHAPES AND TRIMMINGS.

THE FREE PRESS. The Only Morning and Evening Paper Published in Western Ontario. It is forwarded on all early morning trains.

Additional thoughts and fragments of text from the left edge of the page.

Additional thoughts and fragments of text from the right edge of the page.