

The Citizens Mutual Automobile Insurance Company

Howell, Michigan

WILLIE FINALLY SAYS LIGHT

But It Took Great Blow to Make Him Realize Why Everybody Hated the Kaiser.

It had been very difficult to impress little Willie with the seriousness of the war situation. He could not exactly understand why the people should all hate the Kaiser so, but of course he hated him as a matter of principle because his father hated him, and his big brother hated him, and he almost everybody else he knew hated him.

"But why, mother, do they hate him so awful much?" he would persist. The family couldn't explain it to him satisfactorily.

June came, and the close of school, and all was ready for little Willie. Now he was looking forward to the Fourth of July.

But a few days before the great day a notice came around that there would not be any fireworks, not even torpedoes, or little mandarin, or "son-of-a-guns." This was awful news.

"Why not, mother?" he pouted. "Well, you see the Kaiser is getting all the powder in this country now, and we can't waste it."

Now little Willie goes why everybody hated the Kaiser. "I wish I was old," he concluded, "and then, beware old Kaiser!"—Indianaapolis News.

Not a Comic Sheet Boy. A Cleveland young woman has a ten-year-old brother who is wise beyond his years and is likely to crop out in new places at the most unexpected times. The other night the anxious sister called on his in-laws, arriving at her domicile a little before he was expected. She was not ready to make her appearance, and the duty of entertaining the caller devolved upon the little brother.

"Well, Babby," began the young man in an effort to make conversation and at the same time to put his involuntary host at his ease, "does your sister think that I am calling at the house oftener than I am welcome?"

The child looked keenly at the caller. "No, she doesn't," he said. "Do you think I'm one of those fresh kids you read about in the funny papers? This ain't going to be no embarrassing answer this time."

Frugal Swain. There was just a little hesitation on the girl's part whether the engagement should be announced at once.

Let it be now," her lover pleaded, "and help me to save the luxury tax on the ring."—London Tit-Bits.

A Problem of Quantity. Question—How long is the war going to last?

Answer—How big is a dog?

To remove pimples and blackheads smear them with Cuticura Ointment. Wash off in five minutes with Cuticura Soap and hot water. For free samples, address "Cuticura, Dept. X, Boston." At drug stores and by mail. Soap 25c, Ointment 25c and 50c.—Adv.

place anywhere, streets and hills all alike. Best, clean, safe. Leads all around. For more information, send for free sample. Write to W. N. U., Detroit, Mich.

W. N. U., DETROIT, NO. 31-1918.

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FIND BORDEAUX'S POTATO INSURANCE

Use of Spray Is Recommended to Growers by Plant Pathologists of M. A. C.

DISEASE IS SPREAD BY RAIN

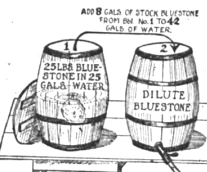
Investigations by Experiment Station Disclose That July Rains Bring August Blight.

By DR. G. H. COONS, Plant Pathologist Michigan Agricultural College, East Lansing, Mich.

The late potato blight in Michigan is in many respects the important money crop. Growers who remember the disastrous losses of 1912 and 1915 when the crop blighted and rotted in the field are asking themselves "What about the blight this year?" Indeed, the big question to be asked about the Michigan tuber crop is not a question of price, but one of soundness. Will the crop escape the ravages of this most serious of all potato diseases, or will one-fourth to one-half of it rot in the ground and in storage?

The weather holds the answer to this question. Late blight of potatoes is a fungous disease and as such is markedly influenced by the weather conditions. The late blight fungus drives westward in the early summer. Hot, dry seasons while not so unfavorable for growth of the tubers, carry freedom from blight.

Significant as to the relation to rainy weather, yet it must not be thought that the coming of blight is a chance affair dependent on this or any other factor. Plant pathologists of the Michigan experiment station have found that the relation of late blight epidemics to wet weather is a very definite one. They have learned how to predict where late blight threatens the crop. This information



Making Home-Made Bordeaux Mixture—The barrels show amounts of materials necessary for making spray in quantities for large acreages.

was derived from a study of the epidemic of late blight which occurred in 1912 and 1915. The distribution of late blight in those years was found to be exactly that of the heavy rainfall areas—this might be expected, but the interesting and important discovery was made that the rainfall that determined blight was not that of the month in which the blight occurred, but that of the month in which the actual blighting and rotting occurred, but was that of July.

The explanation of the relationship of late blight to the blighting that occurred in the latter months is found in the life story of the fungus that is responsible for the wholesale damage causing late blight. The fungus does not live over in the soil, but is carried to the fields in the tubers. Probably every lot of seed carries more or less of the fungus. When the partially blighted seed stock is planted the fungus grows into the sprouts and first appears as a blight of the first leaves. Only September and there in the fields is affected. If the disease is to establish itself in other plants it must have wet conditions. From the original sources blight spreads with every rain. If the rains are frequent it gets established throughout the lot. If the period is one of drought then the blight is restricted to the few plants immediately around the blighted sprouts.

The story of late blight is that of many other plant diseases. The initial sources of infection are few, and the severity of attack hinges upon the weather of the first half of the season. This weather determines whether the fungus is to get an early start or not.

As late potatoes are generally planted in Michigan, July and early August will make up the first half of the growing season.

Seek Canning Volunteers. Up to Michigan Boys and Girls to Prepare 4000 Quarts.

East Lansing, Mich.—An appeal to help out in food-saving work by canning more fruits and vegetables is being made to the boys and girls of Michigan by the boys and girls' club department of M. A. C. It is up to Michigan's youngsters, the department has been informed by the federal authorities, to can at least 400,000 quarts of food if the home demand for canned goods is to be satisfied.

"We need the help of 20,000 boys and girls and of 1,000 adult club leaders," declares E. Lindemann, state leader of boys and girls' clubs. "The United States government must have canned goods for the army and navy. This summer nature is diverting from us a large part of the supply that hitherto has been produced to meet our domestic needs. This means that to make up this shortage we must do more canning in the homes."

"The United States department of agriculture has assigned to Michigan

keeps the leaves in better working condition," they explain. "The farmer whose land is right can get a bumper yield if he will spray. He should do this consistently every year. He can add enough manure of the acre to more than pay for his labor and material. He has as well insured against blight."

The question as to whether potatoes will blight or not is answered. Watch the weather of July. If July is cold and wet, like it was in 1915, blight is threatening. If July is a month of drought with rainfall below the average then there will be no blight.

We recommend spraying every year to those who are specializing in potatoes and who know that their soil is capable of producing a good crop. For the ordinary field while safety comes from full season sprays, it means that our knowledge of weather relations lets us foresee the danger and forestall it.

ALBION BOY HAS BEST PIG

Rae E. White Wins First Place Among Members of Boys and Girls'

East Lansing, Mich.—First prize as a raiser of pigs among the boys and girls' clubs of Michigan has been awarded by the boys and girls' club department of the Michigan Agricultural College to Rae E. White, a member of the Big-Raising Club at Albion, in Jackson County. The Albion boy, who is seventeen years of age, secured a pig from a local farm and in the course of the year cleared a net profit of \$44.95 from the animal.

Several hundred other boys in the state were among the contenders for pig-raising honors, for under the stimulus of boys' and girls' club leaders of M. A. C., a small army of farmers' sons and daughters have been interested in live stock projects. All the young people are required to keep exact accounts of all expenses and profits, paid out and obtained from their stock.

Rae's financial account was as follows: Value of pig at time of the feeding started, \$10; value of feed purchased or provided by farm, \$25.05; cost of labor in caring for hog, \$29

ABSTRACT OF STOCK LIFE FROM NOV. 1 TO 4.2
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Not Adulterated. "You have to adulterate things now, always, don't you?" asked the man in the restaurant.

"Oh, yes, replied the boss, with a smile.

"And if you don't there's a fine imposed, is that not?"

"I believe."

"Oh, yes, I know; and there was a piece of rope in it."

"A piece of rope? Why, my dear sir, it was all rope!"

Categorical Denial. "But, mother, if you don't want this set of Shakers, you'd better get your husband there would like to have the books."

"Umph!" replied the strong-minded female with a sniff. "Maybe he'd like to have an automobile and a big roll of money and a night or two occasionally to run around with the chickens, but I fat chance he has to see his dreams come true! Good day."

It's all well enough to believe in fate, providing you act according to your best judgment.

Fortunate is the man who possesses a full set of good habits.

Net Contents 15 Fluid Drams
60 DROPS

Thereby Promoting Digestion, Cheerfulness and Rest. Contains neither Opium, Morphine nor Mineral. NOT NARCOTIC.

A helpful Remedy for Constipation and Diarrhoea, and Feverishness and Loss of Sleep, resulting therefrom in Infants.

The Sausage Makers. That part of the world which really stands for civilization is respected at least that the vision of mankind must not be blinded; that the aspirations of the human soul must not be asphyxiated by a bloody and rapacious bourgeoisie, whose most evil contribution to mankind has been the sausage, that carnivorous discovery of the century, most deceivingly embalmed in garlands of liard intestine.—Augustus Thomas of the Vigilantes.

BREAD MADE WITHOUT SUGAR

Two Processes Said to Have Been Worked Out by Milling Company of Kansas City.

A method of making bread with neither sugar nor malt, has been worked out by the milling company of Kansas City, according to the Baker's Helper. This process uses germ middlings, which are ordinarily sold for live stock feed. Seven pounds of germ middlings are weighed out for use with 100 pounds of flour, placed in a vessel and scalded with water.

After it has stood for a short time the residuum is strained out, and the water is used in making up the dough, adding as much water as is necessary. Sprayed in this way without the use of sugar or malt shows an increased expansion, with a loss of fine texture and exceptional flavor. A little water when added to sugar is used in baking. The process has been perfected in the milling company's laboratory, and is now being applied commercially. Another process consists in taking 5 per cent of the flour to be used in the bread batch and let it stand for several hours in five times its volume of water, at a uniform temperature of 150 degrees. This makes sugar unnecessary, but does not dispense with the desirability of using malt.

Army Makes Record Purchase.

Chicago.—The largest single order for lard and canned meats in the history of the war was for 60,500 pounds of bacon and 134,000,000 pounds of canned meat—has just been placed by the Quartermaster's Department, U. S. A., for the American Army overseas.

Louis F. Swift, in commenting on this today, said that the order will take the bacon from approximately 1,000,000 hogs, and if other work were dropped to produce it, would be equivalent to the total live stock production of the five largest Chicago packers for nearly five weeks. However, six months will elapse before delivery is to be completed.

"At the current prices on the day last week, when the purchase was made, the packers would pay the live stock producers about \$80,000,000 for the necessary hogs and over \$50,000,000 for about 900,000 cattle required. The cattle will cost us twice as much, and the hogs two and one-half times as much as in the pre-war period."

The whole order will be made up before the first of the year, despite the fact that, before this purchase, one-fourth of the packers' facilities have been devoted to filling military orders. The balance of the facilities is being used to get out the canned goods the markets will find it necessary to employ night and day shifts of canners. Notwithstanding the fact that if products are being rushed forward this hurriedly, not a single complaint has been received on meats delivered to the armies abroad.

"The live stock markets are now killing about 300,000 live hogs daily to meet the abstract of martial and domestic needs."

Keep Potato in Warm Place. It was found that some proprietors of greengrocery stalls in the neighborhood of certain schools found their stocks of potatoes mysteriously dwindled owing to the children's sympathy for the outcast and forlorn. But, anyhow, the sacks have been rifled. One teacher was presented by a small infant with a warm potato.

"But I can't have this one, Bobbie," said she. "It's cooked."

"Why, it's not," the boy was reassuringly replied. "I've only bin minding it up me jersy."—London Chronicle.

Supposition. "Why doesn't Dave's hair turn gray?" "I suppose he knows how to use dye as a camouflage."

The Darker Side. "Rather a pleasing picture here."

"What about the subject?" "A group of telephone girls enjoying a few moments of leisure in the company of a beautifully furnished rest-room."

"Why not show the brighter side of a telephone operator's life? You don't give the company to let us see how the looks when a crabbid woman is giving her 'Hall Columbia' for not getting a number, do you?"—Birmingham Age-Herald.

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Kidder—Gee, that's funny. I saw with my own eyes that they are lower.

Children Cry For

Castor's

What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrup. It is pleasant. It contains neither Opium, Morphine nor other narcotic substance. Its age is its guarantee. For more than thirty years it has been in constant use for the relief of Constipation, Flatulency, Wind Colic and Diarrhoea; alleviating Feverishness arising therefrom, and by regulating the Stomach and Bowels, aids the assimilation of Food, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

GENUINE CASTORIA ALWAYS Bears the Signature of

Charles H. Stearns.

In Use For Over 30 Years The Kind You Have Always Bought

THE PREPARED, NEW YORK, N.Y.

Best Copy of Wrapper.

WEAK KIDNEYS MEAN A WEAK BODY

When you're fifty, your body begins to get a little of the kidney disease. It's more slow and deliberate. "Not so young," you say. "I'm not getting any younger," you think. Certain bodily functions, such as the kidneys, are so much dependent upon the strength of the bladder, that any weakening of the bladder, or any other organ, is sure to be followed by a weakening of the kidneys. This is particularly true with elderly people. If you only know how, this trouble can be obviated.

For over 20 years GOLD MEDAL HARLEM OIL has been relieving the immense and pain due to advancing kidney trouble, old-time home remedies, and needs no introduction. It is now put up in capsules, instead of pills. These are easier and more pleasant to take than the oil in bottles.

Each capsule contains about one-tenth of five drops. Take them just like you would any pill, with a small amount of water. They work into the system and three or four capsules which are making you old before your time. They will quickly relieve

those stiffened joints that lackadaisic, rheumatic, "rickety" joints, all stones, gravel, kidney and bladder ailments. They are an efficient remedy for all diseases of the kidney, bladder, stomach and allied organs.

GOLD MEDAL Harlem Oil Capsules check the kidney and purify the blood. The quantity varies of attacks of the disease, but it is always the same. It says: "They have a beneficial effect, and they are sure to cure the disease of the kidney organs, and all the bladder and

If you are troubled with weakness from the loss of "salt" (sodium) when you are in the back take warning. It may be the preliminary indications of other ailments, which may be warded off or cured, before it is too late.

Do you dream tonight and get a box of GOLD MEDAL Harlem Oil Capsules refunded if they do not help you. These are GOLD MEDAL are the most important imported Harlem Oil Capsules. Accept No Substitutes—Adv.

Watch Your Stomach in the Summer Time

Hot summer days upset the strong stomachs as well as weak ones.

Your vital forces reach their lowest level when the weather is the hottest. Then the danger is the greatest.

You can't guard your stomach and bowels too carefully through the long, hot season. Don't take any chance. Indigestion, sour stomach, that wretched, bloated feeling, belching, food repeating, pains that claw at stomach and bowels and an endless train of stomach ills that make life miserable are really aggravated in the hot weather.

This year of all others—it is vital that we keep our strength and full power at work. The extra war work, change of diet—all must be looked after because they hit us in the stomach. And now

it is good news to tell you that tens of thousands are now using EATONIC—for all stomach and bowel ailments caused by too low vitality when the weather is the hottest. This makes the stomach should always have it in the house.

EATONIC Tablets stop the cause of indigestion and drop acid ailments by neutralizing the poisonous acids and gases largely the result of super-acidity. This makes the stomach pain-free and ready to perform its proper work.

Now you have a good appetite in hot weather to eat the things you like when you want them if you take one or two EATONIC Tablets after each meal. Such quick, wonderful relief would seem unbelievable but for the fact that thousands of sufferers everywhere have received marvelous results from EATONIC. Obtain a large box of EATONIC Tablets and you are a druggist who you know and can trust. If you fail, he'll refund his bill and he will gladly refund your money, too, today. You will then know what real stomach comfort means in hot weather.

Scenes of Prosperity Are Common in Western Canada

The thousands of U.S. farmers who have accepted Canada's generous offer to settle on homesteads or buy farm land in her provinces will be well repaid by the bountiful crops of wheat and other grains.

Where you can get good farm land at \$15 to \$30 per acre—get a bushel for wheat and raise 20 to 45 bushels to the acre. This means that you can make that's what you can do in Western Canada.

In the provinces of Manitoba, Saskatchewan or Alberta you can get 160 ACRES FREE HOMESTEAD OF 160 ACRES FREE and other land at very low prices.

During many years Canadian wheat fields have averaged 20 bushels of wheat to the acre—some yield as high as 45 bushels to the acre. Wonderful crops also of Oats, Barley, and Flax.

Mixed Farming is a profitable industry as grain raising. Good schools, churches, markets convenient, climate excellent. Write for literature and particulars as to reduced railway rates to Dept. of Immigration, Ottawa, Ont., or to

M. V. MacInnes, 170 Jefferson Ave., Detroit, Mich., Canadian Government Agent.

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