Lime grows big crop

Take our free offer to all farmers to test their land so it will grow more high-priced crop. Solvay Pulverized Limestone destroys soil acids in the seed bed. It makes the ground soft, releases potash tied up by the acids, and lets beneficent bacteria grow in the sweet soil. All cropped land benefits from Solvay, because cropping, poor mulching, fermenting manure, etc., create soil acidity, and soil acidity hinders growth of crops. Solvay Limestone is as fine as flour, and is 94% carbonates. Because of its big surface for weight it far outclasses coarse ground stone as a corrective. It costs little to apply—you use a $40 limespreader or fertilizer attachment on your seeder, and get a large increase in yield without much extra labor. Remember, it is the increase in yield that counts for profit, and big yield is very important just now. The acid-free potash gives strong plant growth. The sweet, ventilated soil persuits nitrogen-gathering soil bacteria to furnish the crop material for heavy, plump seed. Plan to use Solvay Pulverized Limestone on your farm loam and clay soils as soon as possible. It pays.

YOU GET VALUE

Solvay Limestone is dry, pulverized, and in air-tight paper bags, being 50 to 100 times as powerful as the same weight in coarse-ground stone. Also, you can get it by the carload in bulk. It brings out the full fertility of your farm land.

LET US TEST YOUR SOIL FREE

From furrow depth here and there, gather a small sample of your seed-bed ground, not taking it from the surface. Make this a fair sample of your farm land. Mail the package to us with your name on. We will test it free, telling you how much Solvay Limestone if any, is needed per acre. No charge and no obligation to buy. Do this today.

FREE BOOKLET—FREE HOME TEST

Write us a post-card for booklet and home soil test, fee for yourself if your land is right. Make every Michigan farm produce to the full by Solvay lime.

Solvay Process Company
Detroit

3

LITHUANIA

Koenigsberg, Prussia, Claimed by the New Lithuania.

LITHUANIA, which has declared its independence of Russia, has a history that for hundreds of years was intertwined with that of Poland, with which it long maintained a loose sort of union. At the time of the dismemberment of Poland it went for the most part to Russia. Lithuania now comprises the Russian "governments" of Kovno, Vilna, Grodno, Vitebsk, Minsk, Mogilev, and Suwalki (the last a part of Russian Poland.) This territory is almost entirely occupied just now by the Germans, who swept over it in their campaign of 1915 against the Russians. In the heyday of the Lithuanians the dominions of their princes extended, however, far beyond the limits of today, reaching even the shores of the Black sea, and embracing districts now included in Ukraine, Poland, and other parts of Russia.

A most interesting point about the claims of those who have brought about the Lithuanian declaration of independence is that, in their extreme form, they contemplate not only the separation of Lithuania from Russia but also the incorporation into the new state of German territory which centuries ago formed part of Lithuania. This district includes the important city of Koenigsberg, in what is now East Prussia, as well as Tilsit and other towns. If this district should form part of the new Lithuania, and if an independent Poland should have free access to the sea after the war through the seaport of Danzig, formerly Polish and now German, there would be a small wedge of German territory, isolated from the rest of the empire, between Polish Danzig and Lithuanian Koenigsberg. The Lithuanians reenforce their claim to Koenigsberg and other cities now under German or Russian rule by pointing to the fact that they have names for them in the Lithuanian language which the cities bore in the old days before they were seized by Teutons or Slavs.

Once a Great Principality.

The Lithuanian nation in the fourth century of our era was living along the coast of the Baltic sea between Riga and Koenigsberg.

From the tenth to the sixteenth century the Lithuanian principality extended from the Baltic to the Black sea. In that territory were White Russians and Ukrainians or Little Russians. White Russians are mostly of Lithuanian stock. Whoever goes from Lithuania to White Russia soon notices that the same types, customs and festivities exist there. The language of White Russia is 25 per cent Lithuanian, and the attitude of the people toward the Lithuanians is very friendly.

The Lithuanians are Indo-Aryans, fair, light-haired, blue-eyed, tall, and strong. They are in no way related to the Slav or Teuton. They are said to have crossed from Asia to Europe about 2,000 B. C. They settled along the Black sea, near the mouth of the Danube. Gradually they were driven by other races until they came to the shores of the Baltic, where they finally settled. Here Lithuanians grew and prospered. They were peaceful folk, never fighting unless attacked, busy with agricultural pursuits, and a few with hunting and fishing. As a nation they were prevented from going into manufacturing or into commerce by physical surroundings, but some of the more venturesome made trips to Roman territory with cargoes of amber and various products of their country.

The language of the Lithuanians has been preserved to this day. Some even say that it is the oldest language in use. It closely resembles the Sanskrit and, in many cases of research work, is the key to it.

Beat Germans and Mongols.

The Lithuanians lived in clans until the thirteenth century, when, because of national danger, they banded together. They chose Ringaudas as the first grand duke of Lithuania, and he soon collected a large army. He defeated the Germans and stopped the western advance of the Mongolians. He likewise defeated the Russians and increased the territory of Lithuania considerably.

Mindaugis, the next grand duke, a capable organizer and administrator, continued the work successfully. Gedeminas, a shrewd diplomat, as is shown in his correspondence with the popes of Rome and the Teutonic order, was the next grand duke of note. He established the grand duchy of Lithuania on a firm basis, vanquished the Russians, Teutons, and especially the Tartars, and so helped save Europe from the greatest disaster that could have befallen it—invasion and occupation by Mongolians. At this time Lithuania extended from the Baltic sea to the Black sea. After the death of Gedeminas, his two sons, Algirdas and Keistutis, reigned, and waged battles with Teutons and Slavs.

In 1569 a sort of dual Polish-Lithuanian government was adopted. Even then, Lithuania kept its independence. In the three partitions of Poland the major part of Lithuania was annexed by Russia and the smaller by Germany. Thus Lithuania was removed from the map of the world.

The people were forbidden to use the Lithuanian language, and the possession of any Lithuanian books, even prayer books, was considered a political crime, and schools teaching Lithuanian were closed. The Russian government prohibited the use of any type in print but the Russian. The people was a result smuggled in books and newspapers printed in Latin type from Germany. Eventually the imperial order was revoked and the use of Latin type re-established. From that time on Lithuanian literature has flourished, many newspapers having been published and many books printed.

There are probably about 7,500,000 persons of genuine Lithuanian stock. In addition to these, the Lithuanian state would include 1,500,000 Poles, Jews, Russians, and Germans, making a total of 9,000,000 for Lithuania proper. If Lettland should be united with Lithuania it would add 2,500,000 Letts, making a grand total population of 11,500,000 for the new nation.

Danger in Using Drugs.

Any drug that sufficiently masters the organism to produce sleep is a dangerous remedy, unless prescribed by one's family doctor. It should not be used in any other way. By promiscuous druggings to secure sleep many well-nigh incurable cases of insomnia have been established. However, in cases attended by much nervousness, the bromides may safely be used, in doses of 15 grains at bedtime. —Exchange.

Russian Peasant's Hard Life.

The whole existence of the Russian peasant is out of joint. He is born in a world of earth and wood, where his life is circumscribed by a log cabin that is thatched in fall, when it assumes an appearance of tidiness, but becomes a huge harp for the March winds to play their woeful dirges on. The thatch is fed to the few starving animals, and the dispensable wooden props and decorations used to cook dinner with long before the approach of spring. Here between the unplastered, undecorated walls he lives with his horse, his pig, his hens—always provided he has any—under the same roof, glad of their sociability and animal warmth, being much in need of both. His home is one of the maze of zigzag, lopsided, weather-beaten, broken-down izbas that stand huddled together, freezing in God's solemn peacefulness and uncanny dreaminess. Enchantingly idyllic on a canvas, but a dreadful place to live in.

Java's Sugar Production.

Java is such a fruitful land that one hesitates to specify the principal crop, but it is one of the great sugar-producing countries of the world. The annual export of sugar amounts to something like 1,700,000 tons. People are so accustomed to thinking of sugar in terms of pounds that nearly 2,000,000 tons of sugar seems to have a stupefying effect on the mind. There are more than 400,000 acres of land under cultivation in sugar on the island of Java and the average yield per acre is four and one-half tons, which is a yield that is high above the average of sugar land.

Criterion.

A criterion is of an abstract nature and cannot properly be applied to a person. It is a standard of judging or a rule or test by which facts, principles and opinions are tried in forming a correct judgment. A person could not serve as a criterion because of the variations in human conduct. The criterion is always something which remains stable, thereby permitting other matters of a more or less uncertain nature to be tested by comparison with it, as, for example, one might say, Paris is a criterion of fashions.

Back to Middle Ages Art.

"This war is to destroy accepted civilization and restore to the world the culture of the Christian commonwealth, the middle ages," Ralph Adams Cram, Boston architect, told members of the Omaha Society of Fine Arts recently, the Omaha News states.

The loss of philosophy begun by the renaissance, the reformation and intensified industrial conditions of today are the remote causes of world disturbances, according to the lecturer.

Civilization's development, seen through architecture, reached a high standard in Egypt, Rome, and Greece, and its zenith in the middle ages, the speaker said.

"I recommend a return to the guild system and condemn the shackles of modern capitalism," said Mr. Cram. "In architecture we find the qualities essential to rebuilding the world morally, industrially and scientifically, which we must apply after the war."

BOSCHEE'S GERMAN SYRUP

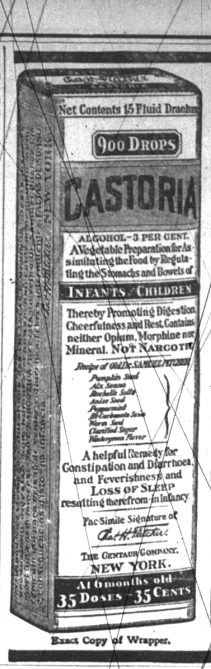
will quiet your cough, soothe the inflammation of a sore throat and lungs, stop irritation in the bronchial tubes, insuring a good night's rest, free from coughing and with easy expectoration in the morning. Made and sold in America for fifty-two years. A wonderful prescription, assisting Nature in building up your general health and throwing off the disease. Especially useful in lung trouble, asthma, croup, bronchitis, etc. For sale in all civilized countries.—Adv.

The Fat Missing.

"You don't seem as active in politics as you used to be."

"I'm not; these are porkless days."

A gasoline engine has been built that rises only a twentieth of a drop of fuel at a time.



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CASTORIA

For Infants and Children.

Mothers Know That Genuine Castoria Always Bears the Signature of *Chas. H. Fletcher*

In Use For Over Thirty Years

CASTORIA

THE CENTAUR COMPANY, NEW YORK CITY.

Lukewarm Lover.

It was an English avenue car. He was holding her hand in a desultory fashion, while looking across the way to read the headlines of a late pink extra. She became pouty at his negligence, and he noticed it with a yawn.

"Gee, kid, I love you. I don't believe I could get along without you"—and he stifled another yawn.

Her eyes blazed. "You poor seed," she snapped. "You have all the passion of an infuriated clam. What do you think you're doing, asking the conductor for a transfer?"

And everybody laughed and the young man blushed and the car rolled on and on.—New York Times.

An ancient worthy says, "Reading maketh a full man," but most of 'em try to explain it another way.

Dr. Pierce's Pleasant Pellets are the original little liver pills put up 40 years ago. They regulate liver and bowels. Ad.

There is a silver lining to every hard knock's cloud.—Ralph Parlette.

In 1917 Alaska produced minerals valued at $41,760,000.

"Blue" and Worried?

"Blue," worried, half-sick people should find out the cause of their troubles. Often it is merely faulty kidney action, which allows the blood to get loaded up with poisons that irritate the nerves. Backache, headaches, dizziness and annoying bladder troubles are added proofs that the kidneys need help. Use Doan's Kidney Pills. Thousands thank them for relief from just such troubles.

A Michigan Case

"Every Picture Tells a Story"

Mrs. Selma Lundberg, 439 Grand blvd., Menominee, Mich., says: "My back ached constantly and I had such pains across my kidneys I could hardly bend over or lift anything. My kidneys were weak and the way they acted bothered me very much. I sometimes was so dizzy I couldn't walk and I was awfully nervous. I used Doan's Kidney Pills and soon I was entirely well. I give Doan's Kidney Pills the credit for my cure."

Get Doan's at Any Store, 60c a Box

DOAN'S KIDNEY PILLS

FOSTER-MILBURN CO., BUFFALO, N. Y.

ENGLISH HEDGES MUST GO

One of War's Results Will Be a Change to American Style of Landscape Gardening.

One of the pretty features of the English landscape will undergo drastic changes as a result of the great agricultural program this year. Hedgerows in many places will have to go down and thousands of trees which have wide-spreading roots must be removed to allow plowing. It is believed by many that the result after the war will be the adoption of the American style of landscape, with lawns minus fences and hedges surrounding homes.

When Sir Herbert Tree returned to England from America shortly before his death he extolled the American system, but the English did not take kindly to his idea, as the English people believed their property would be infringed and they feared the beautiful lawns would be ruined by trespassers.

A DAGGER IN THE BACK

That's the woman's dread when she gets up in the morning to start the day's work. "Oh! how my back aches." GOLD MEDAL Haarlem Oil Capsules taken today eases the backache of tomorrow—taken every day ends the backache for all time. Don't delay. What's the use of suffering? Begin taking GOLD MEDAL Haarlem Oil Capsules today and be relieved tomorrow. Take three or four every day and be permanently free from wrenching, distressing back pain. But be sure to get GOLD MEDAL. Since 1696 GOLD MEDAL Haarlem Oil has been the National Remedy of Holland, the Government of the Netherlands having granted a special charter authorizing its preparation and sale. The housewife of Holland would almost as soon be without bread as she would without her "Real Dutch Drops," as she quaintly calls GOLD MEDAL Haarlem Oil Capsules. This is the one reason why you will find the women and children of Holland so sturdy and robust.

GOLD MEDAL are the pure, original Haarlem Oil Capsules imported direct from the laboratories in Haarlem, Holland. But be sure to get GOLD MEDAL. Look for the name on every box. Sold by reliable druggists in sealed packages, three sizes. Money refunded if they do not help you. Accept only the GOLD MEDAL. All others are imitations. Adv.

Darns Necessary.

"Can't Ethel and Will patch up their quarrel?" "No, for Will says he don't care a darn."

One of the easiest ways to cool an overheated oven is to stand a basin of cold water in it.

BRITONS and CANADIANS

Come Across Now

Agreement with the United States provides that *you* will be *drafted* if you don't volunteer. All men between 20 and 40 are liable.

Your Brothers Over There Are Calling to You

Answer the Call! Volunteer to-day; the need is imperative; you will not be doing your full duty if you wait to be drafted.

You Can Join Either the British or Canadian Armies

DO IT TO-DAY

At Nearest British and Canadian Recruiting Depot

Proof that Some Women do Avoid Operations

Mrs. Etta Dorion, of Ogdensburg, Wis., says:

"I suffered from female troubles which caused piercing pains like a knife through my back and side. I finally lost all my strength so I had to go to bed. The doctor advised an operation but I would not listen to it. I thought of what I had read about Lydia E. Pinkham's Vegetable Compound and tried it. The first bottle brought great relief and six bottles have entirely cured me. All women who have female trouble of any kind should try Lydia E. Pinkham's Vegetable Compound."

How Mrs. Boyd Avoided an Operation.

Canton, Ohio.—"I suffered from a female trouble which caused me much suffering, and two doctors decided that I would have to go through an operation before I could get well.

"My mother, who had been helped by Lydia E. Pinkham's Vegetable Compound, advised me to try it before submitting to an operation. It relieved me from my troubles so I can do my house work without any difficulty. I advise any woman who is afflicted with female troubles to give Lydia E. Pinkham's Vegetable Compound a trial and it will do as much for them."—Mrs. MAMIE BOYD, 1421 5th St., N. E., Canton, Ohio.

Every Sick Woman Should Try

LYDIA E. PINKHAM'S VEGETABLE COMPOUND

Before Submitting To An Operation

LYDIA E. PINKHAM MEDICINE CO. LYNN, MASS.

Easily Explained.

The minister had called in the home of one of his parishioners. There was a bald-headed baby in the house, also another child with beautiful brown eyes and soft golden curls. The minister was struck with the beauty of the little one and said: "Where did you get your big brown eyes and your pretty curly hair?" The child looked at him in wonder and said: "I had my eyes when I come, and my hair growed."

Skin Troubles That Itch

Burn and disfigure quickly soothed and healed by hot baths with Cuticura Soap and gentle anointings of Cuticura Ointment. For free samples, address, "Cuticura, Dept. X, Boston." Sold by druggists and by mail. Soap 25, Ointment 25 and 50.—Adv.

Why Not.

He—"I'd like to print a kiss on those ruby lips." She—"Why not place a ruby ring on these fingers?"

New York feeds zoo animals on horseflesh.

Illuminated Title.

An attractive young lady entered a New York book shop the other day and told the clerk that there was one title missing from her red leather set of O. Henry.

"Which one?" he asked.

"Let me see," she replied, in evident embarrassment. To help her out he named over a few titles.

Brightening, the lady said, "Oh, now I have it. It is 'The Light That Failed.'"

It was now the clerk's turn to look the other way. Finally, leading her to a shelf containing the set, he asked her which of the books she wanted.

"Ah, here it is," she said.

She wanted "The Trimmed Lamp."

The Real One.

She—"Are you interested in the great question of the improvement of the races?" He—"Yes'm, if it's how to pick the winner at 'em."

Knew It Wasn't His Fault.

He—Artists are born, not made. She—I know, poor dear. I wasn't blaming you.—Yale Record.

Had the Habit.

"What's the price of this silk?" asked a deaf old lady of the young shopman.

"Seven shillings," was the reply.

"Seventeen shillings!" she exclaimed. "I'll give you thirteen."

"Only seven shillings, ma'am," is the price of the silk," replied the honest shopman.

"Oh, seven shillings," repeated the old lady, sharply. "Well, I'll give you five."—Youth's Companion.

RECIPE FOR GRAY HAIR.

To half pint of water add 1 oz. Bay Rum, a small box of Barbo Compound, and ¼ oz. of glycerine. Any druggist can put this up or you can mix it at home at very little cost. Full directions for mixing and use come in each box of Barbo Compound. It will gradually darken streaked, faded gray hair, and make it soft and glossy. It will not color the scalp, is not sticky or greasy, and does not rub off. Adv.

As a new cotton-picking machine is driven over a field four men follow it and pick the bolls with nozzles connected to pneumatic apparatus with which it is equipped.

22 Million Families in the United States

IF EACH FAMILY saved one cup of wheat flour it would amount to 5,500,000 pounds, or more than 28,000 barrels. If this saving was made three times a week, it would amount to 858,000,000 pounds, or 4,377,000 barrels in a year.

You can do your share in effecting this saving and really help to win the war by omitting white bread from one meal today and baking in its place muffins or corn bread made according to this recipe:

Corn Meal Muffins

1 cup corn meal
1½ cups flour
½ teaspoon salt
4 teaspoons Royal Baking Powder
2 tablespoons sugar
No eggs
1 cup milk
2 tablespoons shortening

Sift dry ingredients together into bowl; add milk and melted shortening and beat well. Bake in greased muffin tins in hot oven about 20 minutes. Same batter may be baked as corn bread in greased shallow pan.

Our new Red, White and Blue booklet, "Best War Time Recipes," containing many other recipes for making delicious and wholesome wheat saving foods mailed free—address

ROYAL BAKING POWDER CO., DEPT. W, 135 William St., New York

FOOD WILL WIN THE WAR