

# How to Detect the Alum Baking Powder

"Which are the alum baking powders; how can I avoid them unless they are named?" asks a housekeeper.

Here is one way: take the can of a low-priced powder in your hand and read the ingredient clause upon the back label. The law requires that if the powder contains alum that fact must be there stated. If you find one of the ingredients named alum, or sulphate of aluminum, you have found an alum baking powder.

There is another and a better way. You don't have to know the names of the alum powders. Use Royal Baking Powder only; that assures you a cream of tartar powder, and the purest and most healthful baking powder beyond question.

## PRACTICAL TALKS BY GOVERNMENT FARM EXPERTS

### No. 1.—County Roads—New Game Laws—Tick Eradication.



(Official News Summary of Up to Date Matters Compiled by the United States Department of Agriculture.)

ACCORDING to a bulletin just issued by the office of public roads of the United States department of agriculture, county roads paved with vitrified brick are becoming popular in many states, and owing to the general satisfaction which the roads so paved are giving when properly constructed it is probable that the use of brick in road building will continue to increase rapidly.

The principal advantages which roads constructed of vitrified brick possess are: They are durable under heavy traffic conditions. They afford easy traction and a good foothold for horses. They are easily maintained and kept clean.

On the other hand, the principal disadvantage is the high first cost. The defects which frequently result from lack of uniformity in the quality of the brick or from poor construction, are usually to be traced to the effort to reduce the first cost or to a popular feeling that local material should be used even when of inferior quality.

Proper engineering supervision is emphasized by the department in the construction of roads. Many communities in the past have expended large sums in efforts to improve public roads without first having obtained the services of some one competent to plan and direct the work. The results have usually been very unsatisfactory. One of the mistakes most commonly practiced is the constructing of some expensive type of pavement on a road where the locality is faulty or the grades are impracticable.

Even in constructing good earth roads it is doubtful economy to dispense with the services of a competent engineer, and if any considerable quantity of work is to be done such services should certainly be secured. Since brick pavements are probably more expensive to construct than any other type of pavement at present used on county roads it is very important that their construction should be carefully planned and well executed.

**Popcorn New Farming Industry.** The department of agriculture has announced an interesting investigation on the value of popcorn as a breakfast food and states that \$1.50 worth of raw material can be made to produce \$30 worth of popcorn on a piece of land forty feet long by twenty feet wide.

The department recommends popcorn as a valuable breakfast food—superior to many of the market varieties. A quantity can be grown profitably, and when there is a surplus not wanted for home consumption it can be disposed of to merchants or to consumers direct at a good profit.

Different ways in which popcorn can be prepared as a food are suggested by the department, some of which are: Two teneupfuls of white sugar, half a cupful of corn syrup, two ounces of chocolate and a cupful of water. Put these ingredients into a kettle and cook them until the syrup hardens when put in cold water. Pour over four quarts of crisp, freshly popped corn and stir well to insure the uniform coating of the kernels.

**Game Laws For 1913.** The department of agriculture, through the bureau of biological survey, has issued the fourteenth annual summary of the game laws of the United States and Canada. The bulletin contains, among other things, a brief synopsis of the new game laws enacted in each state and province and a series of tables showing the provisions relating to seasons, export, sale, limits and licenses. The general objects of the bulletins are to present in convenient form the restrictions on hunting which affect the enforcement of the federal statutes regarding interstate commerce in game and the protection of migratory birds and to show the trend and general condition of legislation from year to year.

the license privilege for two years. Connecticut, Pennsylvania and British Columbia require license applicants under sixteen years of age to furnish the written consent of parent or guardian. Vermont has a similar restriction for those under fifteen, and Oregon does not permit children under fourteen years old to hunt except on the premises of their parents, relatives or guardians.

**Cattle Raising.** Reports to the United States department of agriculture show that cattle raisers in Mississippi during the last year received a net increase of over \$2,000,000 in the value of their cattle as the result of the war the department has been making, through the bureau of animal industry, on the cattle tick. However, there are a number of counties in the state that are still in quarantine, and as a result it is estimated that the cattle raisers are losing about \$3,000,000 annually through devastations caused by the tick.

Other southern states are being benefited as the result of the work of the department, and up to date about 200,000 miles of territory have been freed from the tick. According to the officials of the department, tick eradication is of such vital importance to the southern states that there should be no letup until the complete destruction of the tick is accomplished. When this has been done the south will have taken a long stride toward the successful development of its cattle industry.

Reports to the department from its agents in Tennessee, where the cattle tick eradication has been successfully conducted, show that the interest in live stock has been a great uplift to the people and that more pure bred cattle has been brought in than ever before.

It is stated that the increased valuation of the hides of cattle that have been freed of ticks will almost pay three times the entire cost of tick eradication. The large percentage of the chrome leather produced is finished with the grain on. Consequently all imperfections on the grained side, such as is caused by the tick, are very pronounced. A few years ago, when practically all the upper leather was made from bark tanned stock, all of the leather was buffed, or, in other words, the top was grained to enable



A CHAMFION STEER.

the tanner to eliminate a great many imperfections from the class of stock infested by the tick. Tanners then could buy cheap hides that were covered with imperfections and make fairly good leather. The situation today is different—the public is demanding good shoes from leather.

Hides that have been infested with ticks are graded as No. 4, while the same hides if freed from tick marks would grade No. 2. The difference in the price of these two grades of hides is 3 cents per pound. The average hides of Tennessee steers weigh about forty-two pounds. Therefore the effect of freeing the cattle in Tennessee of ticks alone would increase the valuation of each hide \$1 or more.

**Sugared Popcorn.** Make a syrup by boiling together two teneupfuls of granulated sugar and a teneupful of water. Boil until the syrup strings from the spoon or hardens when dropped into cold water. Pour over six quarts of freshly popped corn and stir well.

**Popcorn Balls.** One pint of syrup, one pint of sugar, two tablespoonfuls of butter and a teneupful of vinegar. Cook till the syrup hardens when dropped into cold water. Remove to back of stove and add half a teneupful of soda dissolved in a teneupful of hot water and then pour the hot syrup over four quarts of freshly popped corn, stirring till each kernel is well coated, when it can be molded into balls or into any desired form.

**Telepathy.** "Telepathy" is an instance of a new-fangled word for an old thing. Bacon called it "sympathy" between two distant minds. Isaac Walton similarly explained Dr. Dunne's vision in Paris of his wife and dead child, observing that "if two lotes are strung to an exact harmony and one is struck the other sounds." Scottish highlanders, who would have been puzzled by the word "telepathy," have long been familiar with the idea for which it stands. Andrew Lang quoted the case of a poor highland woman who wrote to her son in Glasgow, "Don't be thinking too much of us, or I shall be seeing you some evening in the byre."

My father once had a curious telepathic experience. He was dressing in his bedroom one morning when he suddenly saw the face of a Scotch servant girl, contorted with agony. He went downstairs to the kitchen and found the girl writhing in a fit upon the floor, her face exactly as he had seen it in the mirror.—London Spectator.

**A Freethinker.** Willie—Paw, what is a freethinker? Paw—An unsanctified man, my son. Maw—You go to bed, Willie.—Cincinnati Enquirer.

### CANDIDATES FOR GOVERNOR

The following candidates who have formally announced themselves for Governor.

**Republican.**  
A. M. Crawford of Salem; Grant B. Dimick, of Oregon City; William A. Carter of Portland; W. S. U'Ren of Oregon City.

\*There is a probability that Mr. U'Ren will withdraw from the Republican primary roll and run as an independent.

**Democrat.**  
Colonel Robert A. Miller of Portland; John Manning of Portland.

**Progressive.**  
F. M. Gill, of Clackamas County. Candidates who may announce themselves for Governor.

**Republican.**  
R. L. Stevens of Portland; P. H. D'Arcy of Salem; Dr. James Withycombe of Corvallis; Gus C. Moser of Portland.

**Democrat.**  
Dr. C. J. Smith Pendleton-Portland; Judge A. S. Bennett of The Dalles; Tom Word of Portland.

**Progressive.**  
L. H. McMahon of Salem; Bruce Dennis of La Grande.

**PURE FOOD LAW REQUIRES PRINTED WRAPPERS ON BUTTER.**  
Under the Pure Food Law all butter made for market must be properly stamped with name of maker, giving also weight of the rolls. The Observer is prepared to furnish these wrappers on short notice at a reasonable price and neatly printed. For full information call upon or address:  
The Observer, Dallas, Ore.

### DIRECTORY

**FIRE NOTICE.** The general alarm is rung from the office of the Telephone Company. Every telephone in this city is a Fire Alarm Box. In case of fire, call Central Operator in the ordinary manner, giving her your name and telephone location. Then the nearest cross street location. (For example thus) (This is John Doe, Telephone No. 341) (There is a fire at Main and Court) If the public will carefully observe this notice, it will greatly facilitate matters and give the firemen an opportunity to pick the best route, and locate the nearest hydrant to the fire. A. G. P. HISSITT, Chief Dallas Fire Department.

### COUNTY OFFICIALS

C. L. HAWLEY, State Senator  
T. W. HIRUNK, Representative  
VERD A. HILL, Representative  
JOHN H. TRIMBLE, County Judge  
S. H. PETER, Commissioner  
GEO. A. WELLS, Commissioner  
ASA B. ROBINSON, Assessor  
F. M. GRANT, County Clerk  
TRACY STAATS, Treasurer  
F. E. MEYER, School Superintendent  
H. C. GUYER, School Superintendent  
F. M. STIVER, Surveyor  
R. L. CHAPMAN, Coroner  
A. V. R. SNYDER, Sealer of Weights and Measures  
HARDY HOLMAN, Justice of the Peace  
J. S. ASHBAUGH, Constable  
DR. H. M. MCGILL, Health Officer

### CITY OFFICIALS

J. G. VAN ORSBEL, Mayor  
MARK HAYTER, Commissioner at Large  
CHAR. GREGORY, Auditor and Police Judge  
ED. F. BIRD, City Attorney  
W. G. VASSAL, Treasurer  
ED. J. HIMES, City Engineer  
H. L. FENTON, Councilman  
HENRY GORRUCK, Councilman  
J. J. MEBER, Councilman  
W. L. BARBER, Councilman  
AUG. P. HIRSH, Councilman  
H. R. HOPKINS, Councilman  
P. S. GREENWOOD, Councilman  
OLIVER CHASE, Assistant Marshal  
JOHN SHAW, Night Watch  
AUG. P. HIRSH, Fire Chief

### CIRCUIT COURT

Circuit Court convenes first Monday of February, August and November.  
HON. WEBSTER HOLMES, Judge  
D. H. UPJOHN, District Attorney

### SCHOOL EXAMINATIONS

Third Wednesdays of June and December of each year.

### STATE OFFICERS

OSWALD WEST, Governor  
BEN W. OLcott, Secretary of State  
THOS. B. KAY, Treasurer  
A. M. CRAWFORD, Attorney General  
J. A. CHERRY, Superintendent  
JOHN H. LEWIS, Engineer  
R. A. HARRIS, Printer  
JOHN D. MICKLE, Dairy Commissioner  
G. P. HOPE, Labor Commissioner  
FRANK J. MILLER, Chairman of Railroad Commission  
CLYDE B. FITCHISON, Railroad Commissioner  
THOS. K. CAMPBELL, Railroad Commissioner  
H. H. CORLEY, Secretary of Railroad Board  
G. G. BROWN, Clerk of State Land Board

### DALLAS POSTOFFICES

C. G. COAD, Postmaster.  
Departure of Mails from Dallas Post-office, Daily, except Sunday.  
PORTLAND—7:55; 10:20 a. m.; 7:45 p. m.  
SALEM—7:25; 10:20 a. m.; 4:20 p. m.  
PORTLAND—CORVALLIS—No. 1; (south) 10:20 a. m.  
BLACK ROCK—11 a. m.  
FALLS CITY—7:15 a. m.; 2:50 p. m.  
INDEPENDENCE—1 p. m.  
MONMOUTH—1 p. m.  
PORTLAND—CORVALLIS—No. 75 (south) 4:30 p. m.  
BUELLE—1 p. m.

### SUNDAY

PORTLAND—2 p. m.  
SALEM—2:12 p. m.  
PORTLAND—CORVALLIS—No. 1; (south) 10:20 a. m.  
INDEPENDENCE—1 p. m.  
MONMOUTH—1 p. m.  
Pouches close twenty minutes before train time.

### DALLAS COMMERCIAL CLUB

W. V. FULLER, President  
WALTER H. TOOLE, JR., Secretary  
8-9, National Bank Building.

### DALLAS CHURCH DIRECTORY

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UNITED ARTISANS—Dallas Assembly, No. 46, meets on first and third Mondays of each month at Woodman hall. Visiting members made welcome.

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WILLIS SIMONTON, Secretary.

WOODMEN OF THE WORLD—Dallas Camp No. 209 meets in W. O. W. Hall on Tuesday evening of each week. J. F. Driscoll, Consul Com. F. J. Craven, Clerk.

A. F. & A. M.—Jennings Lodge, No. 9, meets second and fourth Fridays of each month, in Masonic Hall on Main street. Visiting brethren welcome.

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### BRISTOW STILL A REPUBLICAN

An Eastern paper announces that Senator Bristow is "a Republican again." Senator Bristow is one of those Republicans who in 1912 "ran with the hare and hunted with the hounds." He supported Colonel Roosevelt in 1912 and generally gave the impression that he had ceased to be a Republican, but when Congress met after election he went into the Republican Senatorial caucus and sought and obtained committee places as a Republican. He has since worked with the Republicans with an occasional show of independence, but lined up with all the other members of that party on the Senate finance committee in favor of the Hiteboeck currency bill.

There has been some doubt whether Mr. Bristow would run for the Senate as a Republican or as a Progressive, but he has evidently found the drift back to the Republican ranks so strong that he has diagnosed the case of the Progressive party as hopeless. He has no desire to lead a forlorn hope, therefore has resolved that the Republican party is progressive enough for him.

No man questions Mr. Bristow's acumen as a political weather prophet, nor does any man doubt his sincere devotion to progress. Personal ambition agrees with political conviction in dictating his present course, for he evidently sees in the Republican party the best medium through which to forward his principles. Many other Progressive party leaders are coming to the same conclusion and adopting the same course. The more of them do so, the more resistless will be progressive tendencies in the old party until no excuse for continuance of the Progressive organization will remain except blind allegiance to an individual, repugnance to confession of error and obstinate adherence to a course once adopted.—Oregonian.

Newberg elected a woman as recorder at their city election Monday, beating her opponent by 68 votes. The women are learning rapidly how to use the ballot.

The I. W. W. army of unemployed arrived in Salem the first of last week and 40 of their members were given work by the Governor at \$2.00 per day at grubbing, etc. It is reported that a large per cent of the army do not want work and will not take a job when offered.

According to the National Shoe Dealers, the barefoot days are coming, for they say footwear will reach fancy prices, owing to state laws that say shoes must be made of leather. There is hope yet that boys of this generation will have the joy of comparing stone bruises, as well as acquiring belief in the veracity of their grandfathers, who tell of one pair a year when they were boys.

### ALL AROUND

Gleanings of Interest From our Exchanges and Elsewhere.

It will cost the British government about \$1,000,000 to correct the mistake of fitting the battle-cruiser Invincible solely with electricity. A mere trifle, as naval construction goes. Yet there was a time in the rudimentary days of naval development when \$1,000,000 would have paid for a pretty good battleship.—New York World. The flagship Victory, which was in the thick of the greatest English naval triumphs of all time, cost probably no more than \$500,000.—Springfield Republican.

Declaring the country's pacification a thing to be thought of above all else, President Huerta announced Tuesday, that the semi-annual interest payment nearly due on Mexico's external debt would be passed. The money, he said would be spent on the army. Foreign Secretary Molena was instructed to notify the powers of Huerta's decision.

The United States senate has forsaken the horse and given itself over unequivocally to the lure of an automobile. The experimental machine has been in use for some time. Senate officials have now decided to sell all of the horses and wagons used for general purposes by the senate and to replace them with automobiles.

The latest census report shows that there are 1,823,680 fowls in this state, and about three-fourths of them are egg-producers. The annual production is 11,906,903 dozen eggs, with a farm value of \$2,512,849. The yearly poultry production is 2,655,492 fowls, valued at \$1,416,608.

The Democratic public printer at Washington admits he has promoted thirty-nine Democrats and reduced the salaries of thirty-one Republicans, but it has been done for the sake of scientific efficiency, he soberly declares.

A Typewriter That Can Do Everything But Talk.

### The No. 10 Royal

Doubtless most of you who read these lines have already seen the announcement of this marvelous typewriter, the No. 10 Royal. Full page advertisements of this wonderful machine are now appearing in the Saturday Evening Post, Cosmopolitan, and other publications of national importance.

I desire to announce that I have placed an order for two of these No. 10 Royals and am expecting them daily. Immediately upon their arrival, I shall be glad to demonstrate to any person interested the most marvelous typing machine ever invented, a machine fully ten years in advance of the times.

During the year just closed, I sold twelve of the No. 5 Royals, the \$75 machine. With the addition of the new No. 10 Model at \$100, I expect to double my Royal sales this coming year.

Do not even think of placing an order for a typewriter until you have seen the No. 10 Royal, the machine that can do everything but talk.

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