Bandon Recorder

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TUESDAY..... June 27, 1911

STRAW AS FACTOR IN ROAD BUILDING

Found to Give Best Results When Mixed With Soil.

CAN SUPPORT HEAVIER LOADS.

Though This New Method Costs More, It Makes a Road That Will Outlast Gravel and Cinders—Straw to Play an Important Part in the Good Roads Movement.

Wheat straw will play an important part in many miles of new good roads which will soon be built in this country. Straw has been used for years on roads in Washington. It has been found to give the best results when put on wet and mixed with the soil. When scattered loosely on the road it ignites and the work of weeks is lost.

The newer plans are better yet for the application of straw. In the first place, the roads will be plowed and graded and brought to a crown. When the roadbed has been harrowed and made level the straw is put on to a depth of six inches. A disk cutter is used to cut the straw up and mix it into the earth. If all the straw works into the roadbed more straw is put on until a cushion is formed. A steam roller packs the earth and straw into a hard mat as durable as asphalt and a road which will turn off water if the grade is right.

The new method of mixing the straw with the soil costs more than that of throwing straw into the ruts and makes a road that will outlast gravel and cinders. Gravel is expensive, and the cost of hauling is heavy. In all the lowlands and uplands in this country straw will be used with the clay soil.

For $25 a mile a year the state highway commission of Minnesota can take the most sandy road in the state and turn it into a highway which can be worked with a road grader, by the use of straw, sawdust or clover, whichever is the most convenient. It has been doing this in various parts of the state for the last few years, paying for the improved roads from the expense fund of the commission, but it will ask the legislature for more money to extend this work to other parts of the state and will extend it just as far as the legislature sees fit to permit it by the limit on the appropriation.

Near Cambridge, Minn., an experimental road was made with sawdust several years ago, but the supply at the local sawmill gave out, and straw was used during the past season and with better results. The straw works into the sand, forming a vegetable loam which can be handled by the road grader and will also support heavier loads than are possible with the sand in its natural condition.

G. W. Cooley, state engineer, also has shown the people what can be accomplished by constant watch of the roads, as is done in foreign countries, by maintaining a man on a stretch of road all the time. Last season a road six miles south of Stillwater, Minn., was under experiment. The year before a road leading from St. Paul into Dakota county was watched. For $25 a mile for the season these or other roads can be kept in such condition that they may be used every day during the experiment.

Co-operation Needed In Road Work.

There is no sort of public work in which folks are interested generally where the principle of co-operation could be followed to better advantage than in the care of the public highways. In some sections this fact seems to be recognized, in some others not.

Especially is there need of this co-operation in those sections where earth roads are the rule and where the character of the soil is such that there is need of working it at a critical time following heavy rains or wet seasons. Particularly is this true of stiff clay or adobe soils, which can be advantageously worked and leveled only when they possess the proper amount of moisture and the right consistency.

WHAT BAD ROADS COST.

Bad roads cost the people of America $12.50 "a head" each year. That is the waste computed from government statistics. It represents the extra expense of hauling foodstuffs to market over bad roads contrasted with the expense of the same hauling over good roads. That loss is much more in amount than the total of all the revenues of the nation and forty-six states for the same period.—Kansas City Star.

Texas on the Good Roads Wagon.

The use of the automobile in Texas has caused a demand for better roads. It has taught the farmers to see the saving in having good roads and road improvement, and road building is going on in nearly every community.

Texas will have one of the longest automobile roads in the United States when a few unfinished links are completed. This road will extend from Houston to Brownsville by the way of Corpus Christi, Kingsville and intermediate points. Connecting with this at Corpus Christi will be another road to San Antonio. This will be completed the coming summer.

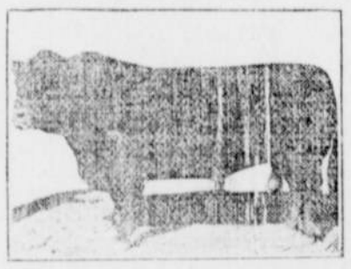
GOOD QUALITIES OF THE GALLOWAY

The Galloway is the oldest breed of pure bred cattle. We do not know its origin, but it derives its name from an ancient province in the southwestern part of Scotland. The earliest histories of Scotland make mention of a breed of black polled cattle, and the excellent quality of the beef the breed produces became known to the English butchers centuries ago. In the early part of the present century thousands of head of Galloway cattle annually were driven from southwestern Scotland to the luxuriant pastures of southern England, where they were fitted for the London market.

Galloway beef is well marbled, has an excellent flavor, and there is very little waste to the carcass. That is why Galloways always sell at the highest market prices.

The early breeders in the Galloway country of Scotland gave their attention to producing high class meat for the market. Although no attention was given to exploiting the merits of the Galloway in other sections of Great Britain, the breed was improved by the systematic mating of the best specimens of each sex.

The climate of southwestern Scotland is moist and mild, and the cattle are allowed to run in the open the year round. Centuries of outdoor life have made the Galloway the hardiest of all breeds of cattle. Of the hundreds of head of Galloway cattle selected in Scotland for importation to America scarcely one has failed to pass the government test for tuberculosis. The characteristic coat of hair of the Galloway also is due to centuries of outdoor life. In many respects the Galloway robe is far superior to that of the buffalo. There is a soft, thick, mossy undercoat of hair covered by an outer coat of longer hair which protects the animal from the severities of climate. The most desirable color is a dark ma-



The four leading beef breeds of cattle rank as to size in the following order: Shorthorns, Herefords, Aberdeen-Angus and Galloways. This does not indicate, however, that the smaller breeds are the least profitable. Early maturity is an important factor in economical beef production, and the tables show that the smaller breeds approach maturity more rapidly than the larger breeds. The Galloway consumes less feed than the Shorthorn, and the cost of producing 100 pounds of gain is practically the same for both. Galloways are compactly built, and their weight is sometimes deceptive to those not familiar with the breed. Their condition is often astonishing when compared with their pastures, and their weight is no less so when compared with the apparent bulk of the animal. The Galloway bull shown was a prize winner at one of the fall shows.

hogany brown. Many of the calves with their first coats of hair are almost red in color.

Galloways were first imported into the United States in the early eighties. They proved to be great rustlers on the range and soon became popular with ranchmen. Although ranching practically is a thing of the past, the rustling characteristics of the breed make it an economical producer of beef. On the cheap grazing lands of the west Galloways, by nature adapted to make such excellent use of the cheaper and coarser feeds that go to waste on every farm, are superior to all other breeds in producing beef economically. It is pre-eminently a farmer's breed, and it merits the important position it has attained in the field of beef production.

Study the Silo.

If all that is claimed for the silo is true then it is one of the most important and valuable buildings on the farm, says the Kansas Farmer. If only one-half of it is true it is well worth investigating. Now is the time to investigate, before the spring work begins. Study the silo question from all points of view and see if the actual saving of nearly one-half the corn crop that you have worked to produce is not worth while. See if the convenience in feeding this corn crop which is afforded by the silo is not worth while. See if the giving of a succulent ration which is greedily eaten by the stock during the dry spells of summer and the winter season does not pay. Note how the milk flow is kept up by the cows and how easy it is to fatten a lot of baby beef with silage and alfalfa. Then note the economy of it all and see if you don't need a silo.

Feeding Floor For Hogs.

A good floor for feeding market hogs will pay for itself in a very short time. The bulk of the corn fed is fed on the ear or shelled, and in rainy weather the hog usually is compelled to eat more or less dirt with the corn, and in dry weather dust will necessarily be eaten. With a good feeding floor the grain may be fed with no waste, whether wet or dry. Cement concrete is probably the best material to use for this purpose, and a floor of this kind will last a lifetime.

There is one medicine that every family should be provided with and especially during the summer months viz: Chamberlain's Colic, Cholera, and Diarrhoea Remedy. It is almost certain to be needed. It costs but a quarter. Can you afford to be without it? For sale by C. Y. Lowe.

Friend—Well, doc, I suppose it will be some time before you dispense with your automobile and start calling on your patients in an aeroplane?

Physician—I should say so. There is no chance of knocking down a few prospective patients on the way when you go in an aeroplane.—Chicago News.

Ike Mikoski
And Mike McClusky
Used to fight—and they both were husky—
Because, though, in race
And also in face
They differed. In name
They were nearly the same,
And folks got 'em mixed, which was surely a shame.

It got so bad that they both despised
Their life, and therefore they compromised,
And Ike Mikoski
Moved to Petoskey,
And Mike McClusky
Went to Sandusky.
—Cleveland Leader.

"What do you regard as the two most desirable features of a first class car, Jinksby?" asked Harkaway as they inspected a number of models.

"A well trained chauffeur in the driver's seat and a nice girl in the tonneau," said Harkaway without any hesitation whatever.—Harper's Weekly.

If you have the itch, don't scratch, it does not cure the trouble and makes the skin bleed. Apply Ballard's Snow Liniment. Rub it in gently on the affected parts. It relieves itching instantly and a few applications removes the cause thus performing a permanent cure. Price 25c, 50c and $1.00 per bottle. Sold by C. Y. Lowe.

Gravitation.

Both Dante and Shakespeare preceded Newton in knowledge of the principle if not the law of gravitation. Shakespeare says in "Trolius and Cressida:"

But the strong base and building of my love
Is as the very center of the earth,
Drawing all things to it.

Three centuries before Shakespeare, Dante said in the "Inferno:"

Thou dost imagine we are still
On the other side the celestial point, where I
Clasped the earth piercing worm, fell cause of ill,
So far I continued to descend,
That side we kept, but when I turned then we
Had passed the point to which all bodies tend.

A LEADING CALIFORNIA DRUGGIST

Pasadena, Cal., March, 1911. Foley & Co., Gentlemen: — We have sold and recommended Foley's Honey and Tar Compound for years. We believe it to be one of the most efficient expectorants on the market. Containing no opiates or narcotics it can be given freely to children. Enough of the remedy can be taken to relieve a cold, as it has no nauseating results, and does not interfere with digestion. Yours very truly, C. H. Ward Drug Co., D. L. Parsons, Sec. and Treas. Get the original Foley's Honey and Tar Compound in the yellow package. For sale by the Bandon Drug Co.

Both Hoped.

"Well, may I hope, then, dearest, that at some time I may have the superlative happiness of making you my wife?"

"Yes; I hope so, I am sure," she replied. "I am tired of suing fellows for breach of promise."

Coos County Directory.

Representative ..... Ed Rackleff
Sheriff ..... W. Gage
Clerk ..... James Watson
Surveyor ..... F. N. Gould
Treasurer ..... T. M. Dimmick
Assessor ..... T. J. Thrift
Coroner ..... Dr. Golden
County Judge ..... John F. Hall
Commissioners ..... G. J. Armstrong, M. T. Dement

BANDON CITY DIRECTORY

Mayor ..... J. W. Mast
Recorder ..... F. B. Kausrud
Treasurer ..... C. Y. Lowe
Municipal Judge ..... Geo. P. Topping
Attorney ..... F. J. Feeney
Councilmen ..... G. Beak, M. Breuer, P. C. Stevenson, H. Manciet, R. W. Boyle, R. W. Windsor.

M. G. POHL, Optometerist

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R. H. RICE, Prop.

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PUBLIC LAND AND MINING CASES.

If you are interested in any contest or any matter before the Interior Department, write to Clark & Wright, registered land lawyers, 902 F Street N. W. (opposite Gen'l Land Office), Washington, D. C. Free information about contests and where to obtain scrip, locatable upon public lands without residence or cultivation.

Chamberlain's Cough Remedy
Cures Colds, Croup and Whooping Cough.

FANCY PRINTING

THE RECORDER OFFICE has recently added a lot of new type of the latest faces, especially for Fine Job Printing, and we are now prepared to print all kinds of Fancy Invitations, Announcements, Calling Cards, Letter Heads and in fact all kinds of modern printing done in a Modern Office.

Fancy Wedding Invitations a Specialty

RECORDER PUBLISHING CO.
Bandon, Oregon

Great Combination Offer

THE RECORDER management has made arrangements with the San Francisco Bulletin whereby we can give subscribers the advantage of a gigantic combination offer that will furnish them all the news of the country in a metropolitan daily and all the news of Bandon and vicinity in the Recorder at marvelous low price

The Daily San Francisco Bulletin, $3.00 per year
The Bandon Recorder, - 1.50 per year
Total, - - $4.50

Both papers through this office if paid in advance, per year $2.75

Lodge and Professional Directory

Lodges are requested to notify this office on election of officers and on change of meeting night. Cards under this head are 75c per inch per month.

Lewah Tribe No. 48, Imp. O. R. M.

MEETS First and Third Tuesdays of each month at 8th run at the Bandon Wigwam. Sojourning Chiefs in good standing are cordially invited to attend.
A. J. Hartman, C. of R. — J. C. Shields, Sachem.

W. O. W.

Keep the logs rolling Loys!
SEASIDE CAMP NO. 212, WOODMEN OF THE WORLD,
Meets First and Third Thursdays. Visiting Neighbors welcomed.
Wm. N. McKay, C. C.
J. N. Hosking, Secretary

Masonic.

BANDON LODGE, No. 130 A. F. & A. M. Stated communications first Saturday after the full moon of each month. All Master Masons cordially invited.
W. E. Craine, W. M.
Phil Pearson, Secretary

Eastern Star

OCCIDENTAL CHAPTER, No. 45, O. E. S., meets Saturday evening before and after stated communication of Masonic Lodge. Visiting members cordially invited to attend.
Anna L. Craine, W. M.
Merta Mehl, Secretary.

I. O. O. F

BANDON LODGE, No. 133, I. O. O. F. meets every Wednesday evening. Visiting brothers in good standing cordially invited.
O. A. Trowbridge, N. G.
A. Knopp, Secretary

Knights of Pythias

DELPHI LODGE, No. 164, Knights of Pythias. Meets every Monday evening at Knights hall. Visiting knights invited to attend.
E. Lewin, C. C.
B. N. Harrington K. of R. S.

DR. E. W. ROSSITER
PHYSICIAN AND SURGEON
BANDON OREGON
Office and residence in Panter residence property next door to Bijou Theatre

DR SMITH J. MANN
PHYSICIAN AND SURGEON
OFFICE IN PANTER BUILDING
Office Hours 9 to 12—1 to 5
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Chiropractor
Office Hours 9 to 12 a. m. and 1 to 6 p. m.
Office in El Dorado Building
Phone Main 71 Bandon, Ore.

Dr. H. L. Houston
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Office over Drug Store. Hours, 9 to 12 a.m. 1:30 to 4, p.m.; 7 to 8 in the evening.
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