## **BLEACHED OATS ARE POOR SEED**

Process Sulphur Brightens Grains, but It Reduces Germinating Qualities.

PAY ATTENTION TO QUALITY

Same Amount of Time, Labor and Money Required to Sow Field, Whether Viability High or Low -Buy Under Contract.

(Prepared by the United States Depart-ment of Agriculture.)

In the purchase and selection of oats for seed farmers are warned to be careful of grain that has been bleached by the sulphur process. This process is now used extensively by commercial grain dealers to give oats of inferior quality a bright, clean appearance. In experiments conducted by the specialists of the United States department of agriculture, it was found that in nearly every sample of sulphur bleached onts there was a great reduction in the germinating power. The largest reduction was in a sample which germinated 97.5 per cent before treating and 9.5 per cent after treating, or a total reduc-tion in germination of 88 per cent caused by sulphuring.

Too much attention cannot be paid to the quality of seed for the same amount of time, labor and money is required to sow a field of oats, whether the viability of the seed be high or low, and the product will be influenced directly by the percentage of germination of the seed. A casual observer is probably more likely to be misled as to the true quality of oats than of any other grain for seeding purposes, because onts that have been sulphured present an attractive appearance; therefore special care must

### SIRUP WILL REPLACE SUGAR

Novel Scheme Being Carried Out in Nebraska Community-Demand Bigger Than Supply.

(Prepared by the United States Depart-ment of Agriculture.) A scheme to utilize a part of the

sorghum crop for making a sugar substitute for human food is being carried out in Douglas county, Nebraska. In one community, through the efforts of the local county agent, six farmers co-operated in purchasing a small



be taken to ascertain whether this appearance is due to bleaching by sulphur or whether it is natural.

Feed Oats Not Good for Seed. It is not an uncommon practice throughout the smaller oat-growing areas for farmers to use for seed. onts that have been purchased for feeding purposes, especially when these onts appear to be of good quality. Frequently very poor yields are obtained from feed oats, because these Jones, of Lincoln and Polk and Sidler. oats may have been sulphur bleached.

under contracts, stipulating that such 2 per cent is lifted and unincorporated oats shall germinate not less than a sections of the state or incorporated specific percentage, and further that cities and towns may issue bonds in they shall not be sulphur blenched. This provision, of course, anfeguards the farmer when he buys outs from a seedsman who states that such oats nre suitable for seed. However, as there is no general regulation governing oats handling in intrastate transactions which requires that sulphured oats are to be labeled as such, the ties offered in Oregon for manufacfarmer generally is without protec- ture of highest grade woolen fabrics; tion and often sows oats that have the manufacture of iron and steel, the been sulphured.

Two processes are in use in bleaching oats; known as the cold process and the warm process, the only difference being that in one case steam is used to moisten the grain and in stations, and the opportunities which the other cold water is used. As the would be opened up for the use of moistened onts fail from the top of a electric current in the operation of tower they pass through sulphur machinery on farms and in the homes, fumes which come in contact with every kernel. After the onts have tions of the state would be made the passed through the bleaching tower they are usually run in a bin and allowed to stand over night when they are cooled or dried as necessity may require.

INCREASING DEMAND FOR TIMBER OF ELM

Total Stand Placed at Approximately 71/2 Billion Feet

Wood is Desirable Where Strength, Bending Quality and Ability to Withstand Shock Are Concerned-Takes Good Polish.

(Prepared by the United States Depart-ment of Agriculture.) Elm timber growing in the farm

wood lot is a valuable asset.

The demand for elm is increasing, while the supply is rapidly diminishing. It is estimated that the total stand of elm in the United States I: approximately 71/2 billion feet. This amount would furnish a supply for approximately 30 years at the present rate of cutting, as the annual output board feet, placing elm twelfth in rank among all woods and tenth among hardwoods in point of lumber production.

Eim wood is desirable where the cooperage industry, the amount credited to this use being more than twice that of the next in importance. Sentiment favoring this bond issue

# OREGON LEGISLATURE

State Capitol. - The most gigantic scheme of industrial development ever

attempted in Oregon is wrapped up in a joint resolution introduced in the house of the legislature Saturday by Representatives Gordon, Coffey, Bean, Under the amendment the constitu-Seedmen generally buy their oats tional limitation for indebtedness of an amount not exceeding 5 per cent of the assessed valuation for the purpose of developing hydro-electric energy in turn to develop the vast latent resources of the state.

Recitals are made in the resolutions of the practically unlimited possibiliwonderful future for milling and the production of its by-products; the irrigation of great areas of fertile lands through the installation of pumping so that isolated and less attractive secmecca for wonderful future rural development.

Proposed consolidation of the city of Portland and county of Multnomah made its appearance in the senate Monday when a proposed amendment to the constitution was brought to Salem by Frank S. Grant and introduced by the Multnomah delegation "by request," with Senator Banks introducing the measure.

In its provisions the proposed consolidation is most sweeping. It consolidates most everything in the city and county governments and gives the consolidated body control of the Willamette and Columbia rivers. Under the directions contained in the drafted bill, the school board is wiped out

in Portland and all the school boards in the various districts of the county are displaced. The same holds of road districts. The municipalities of Gresham, Troutdale and Fairview are merged into one general corporation with Portland and in the combine is absorbed the port of Portland.

The dock commission is not reached by the bill, but if the people adopt of elm lumber is about 24,000,000 the constitutional amendment calling for the merger, the dock commission being a municipal entity, can be taken in later.

The calling of a special election in strength, bending quality and ability June to vote bonds for the constructo withstand shocks are required. It tion of public buildings as a means of is, in general, heavy, hard and strong, helping to solve the employment prob-The most important use to which it is lem of the returned soldiers and sailput, according to the bulletin, is in ors, is being considered by the house

Sentiment favoring



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At Work in a Sirup-Making Mill.

sorghum mill, and secured the services of an experienced sorghum-sirup mak-Although the sirup made at this er. mill is being sold at \$1.25 to \$1.50 a gallon, present indications are that the demand cannot be met. Five sorghum mills are now in operation in the county.

RAISE MORE HOGS FOR MEAT

of Farming.

er to handle a small number of hogs

in connection with his other farm busi-

As much feed as possible for hogs

should be raised on the farm ; no more

should be purchased.

sumed.

DATES.

which is in the manufacture of baskets and crates. It is estimated that was pronounced at a meeting of the ally in making cooperage stock or bar rels.

agricultural implements and vehicles also. It is useful in the manufacture of wheels and bodies for automobiles, and the rapid growth of this industry

has brought about a considerable in-

interior trimmings. It is a fairly durable wood, the average untreated lummay be lengthened to 20 or more years.

market, and usually the greatest prof-

it is obtained from selling hogs at

147,000,000 board feet are used annu- committee Monday afternoon, at which the reconstruction committee of the Washington legislature met with Eim is used extensively in making the Oregon lawmakers for a frank discussion of industrial conditions.

As supplemental to his land settlement bill, introduced earlier in the crease in the demand for elm. Its abil- session, Representative Richardson in- unstrung; some days really incapaciity to take a good polish makes it de troduced another measure providing tated by illness sirable in the manufacture of certain for the same land settlement commispleces of furniture, cabinet work and sion plan, but adding a provision calling for a bond issue of \$5,000,000 to half-sick, anaemic-looking souls with rural credits plan.

> senate on third reading Friday, after and forms ptomain-like poisons which its opponents had attacked it in a are absorbed into the blood. series of debates extending through Men and women, whether sick or well, are advised to drink each mornout the morning session and part of the afternoon.

Opposition, however, was but slightly stronger than Saturday, 11 votes being recorded against the measure. Senators who opposed the bill were and toxins. Senators Gill, Howell, Huston, Jones, Lafollette, Moser, Nickersen, Norblad, Porter, Smith of Josephine and Strayer.

The bill now will go to the house, where the opposition is expected to gather its forces in an effort to kill it.

Representative Horne has proposed a measure in the house providing for a supertax of 25 per cent on idle and uncultivated lands which are tillable,

Labor,

Drink Hot Water

Tells why everyone should drink hot water each morning before breakfast.

Why is man and woman, half the time,

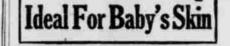
If we all would practice inside-bathing, what a gratifying change would take place. Instead of thousands of son is that the human system does not rid itself each day of all the waste which it accumulates under our pres-Senator Dimick's bill prohibiting the ent mode of living. For every ounce teaching of German in all public and of food and drink taken into the system state-aid schools of Oregon passed the must be carried out, else it ferments nearly an ounce of waste material

> ing before breakfast, a glass of real hot water with a teaspoonful of limestone phosphate in it, as a harmless means of washing out of the stomach. liver, kidneys and bowels the indigestible material, waste, sour bile

> Millions of people who had their turn at constipation, billious attacks, acid stomach, nervous days and sleepless nights have become real cranks about the morning inside-bath. A quarter pound of limestone phosphate will not cost much at the drug store, but is sufficient to demonstrate to anyone, its cleansing, sweetening and freshening effect upon the system.--Adv.

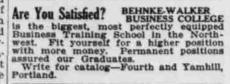
#### **Governmental** Science.

The science of government is only a science of combinations, of applicaexempting timber lands. This bill has tions and of exceptions, according to the support of the Federation of times, places and circumstances, Rousseau.



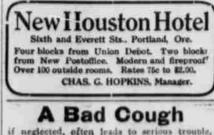
### Pudding in History.

Pudding in its early form was made of minced meat of some sort, well seasoned and stuffed into an intestine, and then cooked by boiling. There feeling nervous, despondent, are words in many early languages worried; some days headachy, dull and meaning pudding, but it seems originally to have come from some word meaning a short body or inflated skin.





OUR Granulated Eyelids, Eyes inflamed by expo-sure to Sun, Dust and Wind Eyes exemedy. No Smarting, just Eye Comfort. At Your Druggists or by mail 60c per Bottle, For Book el the Eye free write has quickly relieved by Murine Murine Eye Remedy Co., Chicago.



if neglected, often leads to serious troubl haloguard your health, relieve your distre and soothe your irritated throat by takin



No Farm Is Complete Without Swine to Assist in Modern Methods (Propared by the United States Department of Agriculture.) Meat for the nation and profits for the farmer can be increased by raising hogs. No farm is complete unless some are kept to aid in the modern method of farming. Swine multiply more rapidly than other farm animals and make greater gains per hundred pounds of concentrated feed con-Hogs might be kept profitably upon a number of farms where they are not found today. As a general proposition, it is safer for the average farm-

Sow and Litter of Eleven.

feed than is absolutely necessary these weights. The price realized de-Hogs weighing from 200 to 300 pends upon the kind of carcass the pounds are in greatest demand on the bog will yield.