

BLEACHED OATS ARE POOR SEED

Sulphur Process 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 Department 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 oats there was a great reduction in the germinating power. The largest reduction was in a sample which germinated 97.5 per cent before treating, or a total reduction 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 seedling purposes, because oats 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 Department 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



At Work in a Sirup-Making Mill.

sorghum mill, and secured the services of an experienced sorghum-sirup maker. Although the sirup made at this 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

No Farm is Complete Without Swine to Assist in Modern Methods of Farming.

(Prepared 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 consumed.

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 farmer to handle a small number of hogs in connection with his other farm business.

As much feed as possible for hogs should be raised on the farm; no more feed than is absolutely necessary should be purchased.

Hogs weighing from 200 to 300 pounds are in greatest demand on the

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 out-growing areas for farmers to use for seed, oats that have been purchased for feeding purposes, especially when these oats appear to be of good quality. Frequently very poor yields are obtained from feed oats, because these oats may have been sulphur bleached.

Seedmen generally buy their oats under contracts, stipulating that such oats shall germinate not less than a specific percentage, and further that they shall not be sulphur bleached. This provision, of course, safeguards the farmer when he buys oats from a seedman who states that such oats are 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 farmer generally is without protection and often sows oats that have 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 the other cold water is used. As the moistened oats fall from the top of a tower they pass through sulphur fumes which come in contact with every kernel. After the oats have 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 7½ Billion Feet

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

(Prepared by the United States Department 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 is approximately 7½ billion feet. This amount would furnish a supply for approximately 80 years at the present rate of cutting, as the annual output of elm lumber is about 24,000,000 board feet, placing elm twelfth in rank among all woods and tenth among hardwoods in point of lumber production.

Elm wood is desirable where strength, bending quality and ability to withstand shocks are required. It is, in general, heavy, hard and strong. The most important use to which it is put, according to the bulletin, is in the cooperage industry, the amount credited to this use being more than twice that of the next in importance, which is in the manufacture of baskets and crates. It is estimated that 147,000,000 board feet are used annually in making cooperage stock or barrels.

Elm is used extensively in making 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 increase in the demand for elm. Its ability to take a good polish makes it desirable in the manufacture of certain pieces of furniture, cabinet work and interior trimmings. It is a fairly durable wood, the average untreated lumber in situations exposed to weather lasting six to eight years. When properly treated with creosote this period may be lengthened to 20 or more years.

market, and usually the greatest profit is obtained from selling hogs at



Sow and Litter of Eleven. these weights. The price realized depends upon the kind of carcass the hog will yield.

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, Jones, of Lincoln and Polk and Sidler. Under the amendment the constitutional limitation for indebtedness of 2 per cent is lifted and unincorporated sections of the state or incorporated cities and towns may issue bonds in 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 possibilities offered in Oregon for manufacture of highest grade woolen fabrics; the manufacture of iron and steel, the wonderful future for milling and the production of its by-products; the irrigation of great areas of fertile lands through the installation of pumping stations, and the opportunities which would be opened up for the use of electric current in the operation of machinery on farms and in the homes, so that isolated and less attractive sections of the state would be made the mecca 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 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 June to vote bonds for the construction of public buildings as a means of helping to solve the employment problem of the returned soldiers and sailors, is being considered by the house and senate joint committee on reconstruction.

Sentiment favoring this bond issue was pronounced at a meeting of the committee Monday afternoon, at which the reconstruction committee of the Washington legislature met with the Oregon lawmakers for a frank discussion of industrial conditions.

As supplemental to his land settlement bill, introduced earlier in the session, Representative Richardson introduced another measure providing for the same land settlement commission plan, but adding a provision calling for a bond issue of \$5,000,000 to be issued during the next five years. The bonds are to be self-repaying by repayment of loans, similar to the rural credits plan.

Senator Dimick's bill prohibiting the teaching of German in all public and state-aid schools of Oregon passed the senate on third reading Friday, after its opponents had attacked it in a series of debates extending throughout 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 Senators Gill, Howell, Huston, Jones, Lafollette, Moser, Nickerson, 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, exempting timber lands. This bill has the support of the Federation of Labor.

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The Flavor Lasts

Jump from Bed in Morning and Drink Hot Water

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

Why is man and woman, half the time, feeling nervous, despondent, worried; some days headachy, dull and unstrung; some days really incapacitated by illness.

If we all would practice inside-bathing, what a gratifying change would take place. Instead of thousands of half-sick, anaemic-looking souls with pasty, muddy complexions we should see crowds of happy, healthy, rosy-cheeked people everywhere. The reason is that the human system does not rid itself each day of all the waste which it accumulates under our present mode of living. For every ounce of food and drink taken into the system nearly an ounce of waste material must be carried out, else it ferments and forms ptomain-like poisons which are absorbed into the blood.

Men and women, whether sick or well, are advised to drink each morning 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 and toxins.

Millions of people who had their turn at constipation, bilious 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 applications and of exceptions, according to times, places and circumstances.—Rousseau.

Cuticura Soap Ideal For Baby's Skin

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 are words in many early languages meaning pudding, but it seems originally to have come from some word meaning a short body or inflated skin.

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