

Clover Seed Available

Limited Supply New Pasture Legume on Hand at Office

Seed of the new pasture legume, subterranean clover which has proved very satisfactory is available in supplies for distribution this fall, according to W. G. Nibler, assistant county agent.

This clover is finding much favor for pasture since it withstands pasturing well and is capable of reproducing itself in pasture indefinitely through its habit of burying its seed. The crop is adapted to almost all of the well-drained valley and hill soils in this county.

The price of the seed at present, ranging from 45 to 60 cents is rather expensive, Nibler said, but three to five pounds per acre is sufficient seed for pasture. Some growers in the valley are now growing this crop for seed and it is hoped that larger supplies will become available in following years, since the legume is doing very well as a hill land pasture on the logged-off lands.

Some seed houses are now stocking subterranean clover seed and have it available in lots for pasture seedings. Any seed planted should be inoculated since subterranean clover requires different inoculation from any of the other clovers now being grown in this region. This material may be obtained through the office of the county agent in the postoffice building.

A limited amount of subterranean clover seed is also available through the office of the county agent, and growers wishing small lots for trials may contact the office for it.

Need for Slug Bait Noted By Agent

Farmers who remember the damage done last year to their fall seedings of vetch and clover by slugs, should be watching carefully for this pest now, said W. G. Nibler, assistant county agent.

If metaldehyde bait is to be used effectively in controlling this pest, timely application is very important. Even before the vetch or clover comes up, trial baiting should be made in various parts of the fields to determine the slug population. If slugs are present in any number, a baiting while the ground is relatively bare should be more effective than baiting after the crop is sprouted and there is considerable green material on the ground.

Many growers who baited last year but acted too late, found that the slugs were so thick that even two and three applications of bait were not effective in reducing the number. This can be avoided by baiting early, said Nibler, thus preventing any large number from building up.

Hop Picking Nears Finish at Aurora

AURORA—The hop picking in the Aurora vicinity is almost at an end. L. G. Gusy finished picking his yard of 75 acres Tuesday. Henry Tauffert with a yard of 70 acres and H. J. Kiel, D. A. Kiel, P. Ottaway, Yergen and Kister with smaller yards, last week.

Stocks and Bonds

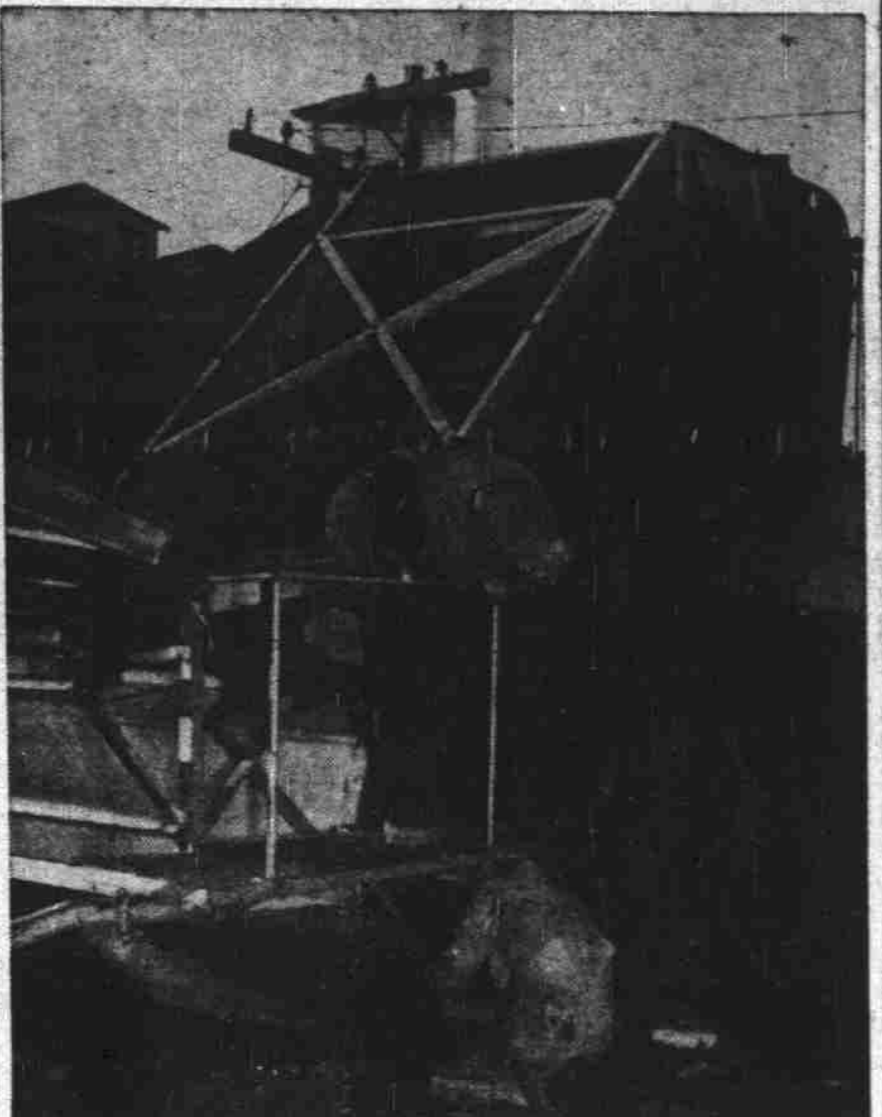
Table with columns for Stocks and Bonds, including Net change, Previous day, Month ago, Year ago, 1941 high, and 1941 low.

Wool in Boston

BOSTON, Sept. 17.—(AP)—(USDA)—Offers were being made on most grades of domestic wools and stable quantities were moving. Prices were showing a firming tendency. Combing three-eighths blood territory wool brought 92-95 cents, scored basis. Territory wools of one-half blood grades were selling in fair volume at \$1.05-1.08, scored basis for staple combed lengths and at \$1-1.02, scored basis, for French combed. Combing three-eighths and one-fourth blood bright fleeces wools were selling at prices in the range 48-51 cents, in the grease. Good top-making fine Australian wools were selling quite freely at \$1-1.04, scored basis, including duty.

Advertisement for Charlie Chan Chinese Herb Co. featuring a picture of a man and text about their products and office hours.

Portable Hop Picker at Work



Faced with a critical condition due to lack of workers to harvest the crop, machines, like the one pictured above, are being used on the Horst ranch in the Independence area. They were invented by the late E. Clemens Horst in 1935.

Picking Machines Save the Crop At Largest Hop Yard in World

One way of beating the labor shortage situation and thus saving the crop on the biggest hop ranch in the world, the E. Clemens Horst yards in the Independence area, is being demonstrated this year as portable and stationary picking machines do the work of harvesting usually done by human hands. To the spectator who knows little about this crop for which the Willamette valley is famous, the portable machines in the field may be little more than objects of marvel. However, when one learns from Frank B. Kennedy, who supervises the growing of the 500 acres of hops on the ranch, that with a crew of nine men from 10,000 to 12,000 pounds of green hops are picked by the machine within a 10 hour period under good conditions the value of this equipment takes on new significance. Between 75 and 80 persons would be needed to do an equal amount of work in the same period.

Even more extensive in their operations are the two stationary machines, invented by the late Horst between 30 and 35 years ago but seldom used here before, which in a good day will pick approximately 30,000 pounds of hops or the equivalent of 7,500 pounds of the dried product, or 27 bales.

These stationary machines, which are used exclusively on many of the Horst ranches in California, require about 20 persons to operate them as well as a crew of from 25 to 30 in the field. They do the work of between 150 and 200 average pickers, Kennedy explained.

The brain child of Horst, the first portable machine was built in the blacksmith shop of the Independence ranch about 1935, and is now being used by growers in California and in the Grants Pass and Yakima areas.

The six machines now in use at Independence were brought up from Sacramento, where they were used in the earlier harvest there. Between 30 and 35 have been in operation in Yakima, three in Grants Pass and eight to 10 in California.

In charge of their manufacture is E. Thys, a son-in-law of the founder. Because of the increased demand for them in Yakima, where the labor shortage as well as larger acreage has made them increasingly popular, pickers are being built there as well as in Sacramento.

How extensively they will be used in the future depends on a number of factors, Kennedy said. "This year we had 10 sections of

Closing Quotations

Table of closing quotations for various stocks and bonds, including Air Reduction, Alaska Juneau, Al Chem & Dye, etc.

Stock Market Gains General

Quick Buying Flurry Sends Some Stocks To New Year Highs

NEW YORK, Sept. 17.—(AP)—The stock market whipped up a quick flurry of buying Wednesday just before the final gong. Gains on the day were general and a fair scattering of new highs for the year or longer were included in the final tally.

Aircraft manufacturing stocks had carried the burden of the advance through most of a dull and spotty session but when motor and steel issues joined the parade in the final minutes most other sections of the list followed.

As share prices advanced, turnover picked up. Volume was 888,560 shares, compared with 608,190 shares Tuesday. The advance of .5 of a point in the Associated Press average of 60 stocks to 44.1, was the widest for a single session since July 21, this year.

In the share list gains of major fractions to 2 points or so were recorded for such issues as US Steel, Bethlehem, Youngstown Sheet, General Motors, Chrysler, US Rubber, J. I. Case, Douglas, United Aircraft, Bendix, Glenn Martin, New York Shipbuilding, Union Carbide, American Can, American Telephone, Santa Fe and Peoples Gas Light & Coke.

Consolidated Aircraft, which was a leader from the opening after declaration of a cash and stock dividend, closed 2 1/2 higher. Eastman Kodak was up nearly 5.

Extension Shift Improves Agent, Marketing Work

Two important changes in the extension service, approved at the last meeting of the state board of higher education, are designed to strengthen both the statewide marketing work and the county agent project of the service, according to an announcement by William A. Schoenfeld, dean and director of agriculture.

These changes involve transferring Clifford Smith from his position of assistant marketing specialist to that of assistant county agent leader, and moving H. G. Avery, for 20 years county agent of Union county, to the marketing post vacated by Smith.

Small seed production was started under Avery's leadership which resulted in the formation of the cooperative Blue Mountain Seed Growers association, which serves most of eastern Oregon and of which Avery has been manager this past year while on leave from the extension service. He has also organized a poultry marketing association and been active in the betterment of dairy and fruit marketing in his region.

Smith's appointment as assistant county agent leader partially relieves the situation there, said Teutsch, though the directional force is still no larger than it was 45 years ago when fewer than half the counties had agents. Under the present national emergency it is essential to coordinate the various county programs, he added.

A supply of this culture is available through the county agent's office for those who want to use

Salem Market Quotations

Table of Salem Market Quotations including buying prices for various goods like Apples, Beans, Butterfat, etc.

Advertisement for 'MAKING AMERICA STRONG' featuring a picture of a soldier and text about manufacturing farm implements for the army.

Quotations at Portland

Table of Portland market quotations including Produce Exchange, Portland Grain, and Portland Livestock.

Grade A Milk Rule Asks New Cap

A new and more sanitary cap is required for all grade A milk and cream bottled in Oregon under new grade A regulations, drawn by the state department of agriculture.

The regulations require that all bottling and capping shall be done by machine and that the cap or cover shall cover the pouring lip of the bottle at least to its largest diameter. Under these rules, hand-capping will be obsolete and caps must be purchased in sanitary tubes and kept therein until used.

While the regulations were drawn the middle of August, the department expects to give dairymen and plants until the end of the year to reach full compliance, says A. W. Metzger, chief of the foods and dairies division. For the first time, the regulations include Vitamin D milk and goat milk.

Another new feature is the ruling that two violations of the same regulation on separate inspections either within the same or different grading periods shall be cause for immediate de-grading of the producer.

Bacterial count of both grade A raw milk and grade A pasteurized milk may not now exceed 20,000 per cubic centimeter. Also grade A raw milk for pasteurization is limited to maximum of 80,000 bacteria per cubic centimeter. These bacteria count regulations have been in effect since June of this year.

Advances on Nuts Told

Co-op Promises Bonus For Early Delivery On 1941 Filberts

Prices to be advanced by its local associations to grower members on door delivery of 1941 crop filberts, has been established by the North Pacific Nut Growers' cooperative, according to A. C. Jacobson, general manager.

Eight cents per pound dry weight will be advanced on all deliveries received prior to and including October 11, with a reduction to 6 cents per pound for deliveries made subsequent to October 11.

The two cent bonus for early delivery, as reported by Jacobson, is for the purpose of encouraging a reasonably early delivery. He explained that nuts received by that date could normally be processed and shipped to midwestern and eastern markets in time for Halloween distribution and that the possibility of labor and car shortages makes it all the more important to get the crop in at the earliest possible moment.

October 11 was also recommended as the closing membership date for growers who wish to join one of the local associations, whose filbert crop is marketed through North Pacific. These associations are: Washington Growers' co-op., Vancouver, Washington, Salem Nut Growers', Lebanon Nut Growers, Gaston Nut Growers, Amity Nut Growers and Dundee Nut Growers.

Grain Market Closes Lower

CHICAGO, Sept. 17.—(AP)—Grain prices tried to rally Wednesday gave a letup in a profit taking wave the market more stability but the recovery was short lived.

Wheat closed 1/4-1/2 cent lower than Tuesday, September \$1.17 1/2, December \$1.21 1/2-3/4.

Part of the early wheat market support was attributed to processing and consuming interests, some of whom were understood to have been awaiting a break to make purchases.

Undergoes Operation

SILVERTON HILLS—Mrs. Willard Benson is reported as getting along very well following an emergency appendectomy a few days ago.

Advertisement for 'Wanted - Walnuts, Filberts and Nut Meats' by Morris Klorfein.

Large advertisement for 'A YEAR OF PROGRESS IN A WORLD OF WAR' by The Associated Press, featuring a picture of a globe and text about their news service.