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and  
**DR. MARGARET N. HAYNIE**  
Chiropractic and Naturopathic Physicians.  
"Others have failed try our highly improved  
"methods."  
"PERMANENT RESULTS."  
517-18 Sweetland Bldg. Wash. at 5th.  
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**Just a Tilt of the Pail**  
Women don't mind filling the knee-high supply can of the new Suction-feed. Only a few inches to lift. No straining of back or arms.

**THE NEW SHARPLES SUCTION-FEED**  
Separator gets all the cream all the time. Any other separator will lose cream when the speed slackens. You can always turn it exactly the right speed. No one can. It's impossible, speed indicator or no speed indicator. The Suction-feed skims clean, fast or slow, and delivers even cream. Capacity increases with the speed. Come in and let us show you how it works.

**Sterling Feed Co.**



**A POORLY FED HORSE**  
reflects discredit on its owner, but the owner gets the worst of the deal because economy in feeding the horse affects its working capacity as well as its appearance. If your horse kicks on his feed you can correct it by buying your feed here, as you get the best quality for the least outlay. Farmers, contractors and horse owners generally know that our feed is always up to the standard.

**STERLING FEED CO.**

**SPRAINS AND STRAINS RELIEVED**

Sloan's Liniment quickly takes the pain out of strains, sprains, bruises and all muscle soreness. A clean, clear liquid easily applied, it quickly penetrates without rubbing. Sloan's Liniment does not stain the skin or clog the pores like mussy plasters or ointments. For chronic rheumatic aches and pains, neuralgia, gout and lumbago have this well-known remedy handy. For the pains of grip and following strenuous work, it gives quick relief. At all drug stores, 25c.

**Blackmore & McFarland**

The City Transfer  
All Kinds of  
**Hauling & Draying Done on Short Notice**  
Piano Moving a Specialty  
**WOOD AND COAL**  
Phone 55  
Office At Eagle Cigar Store

**CLEAR YOUR SKIN IN SPRING.**

Spring house cleaning means cleaning inside and outside. Dull pimply skin is an aftermath of winter inactivity. Flush your intestines with a mild laxative and clean out the accumulated wastes, easy to take, they do not gripe. Dr. King's New Life Pills will clear your complexion and brighten your eyes. Try Dr. King's New Life Pills tonight and throw off the sluggish winter shell. At all drug stores, 25c.

**L. L. Harrel**

Cottage Grove Transfer  
**Draying of all Kinds**  
Piano Moving  
Auto Dray For Quick Delivery  
**OFFICE: Elite Confectionery**  
Phone 72

**HEAL SKIN ERUPTIONS.**

Painful eczema is more active in spring when the blood is over-heated, the burning, itching torture is unbearable, relieve it at once and heal the eruptions with Dr. Hobson's Eczema Ointment. This antiseptic remedy is promptly effective in all skin troubles. Pimples, blackheads, acne, tetter, ring worm, scaly blotchy skin, all respond to Dr. Hobson's Eczema Ointment. Get it today at your druggists, 50c guaranteed.

There's almost nothing a little want ad. won't do for you. d14f

**OREGON NEWS NOTES OF GENERAL INTEREST**

**Principal Events of the Week Briefly Sketched for Information of Our Readers.**

Baker's first automobile show was held last week.  
The Marion County Potato Growers' association held its annual meeting at Salem.  
The 44th convention of Oregon state grange is to be held May 8 to 12, 1917, at Astoria.  
There will be no immediate call for a special session of the legislature to consider war measures.  
The steam schooner Johanna Smith, the largest vessel constructed on Coos bay, was launched at North Bend.  
The coldest March in 37 years, was the month just closed, according to the report from the weather bureau.  
The Bend Water, Light & Power company will begin at once on the erection of an addition to its plant.  
Leonard Saxby, 23 years old, was electrocuted in the new generating plant of the Hawley Pulp & Paper company at Oregon City.  
The Oregon state Federation of Women's Clubs will start a fund immediately that shall be known as "the Oregon Federation Hospital fund."

The Eugene chamber of commerce has taken up the plan of cultivation of all city lots to aid the nation in time of war by keeping down the cost of living.  
Preliminary steps are being taken in Douglas county to vote on a county bond issue for road improvement. The total amount of the issue has been fixed at \$550,000.  
Several of the farmers of the Gold Hill district have been shipping in carloads of beet pulp from the Utah Oregon Sugar factory at Grants Pass to feed their stock.

The Coos county court, has arranged for an appropriation of \$20,000 as part of the fund for constructing an armory in Marshfield for the coast artillery company.  
Subjects of interest to livestock growers will be considered at the fourth annual meeting of the Cattle and Horse Raisers' association to be held at La Grande on April 24 and 25.

The United States department of labor, with headquarters at Washington, D. C., will hold its second annual citizenship convention at Portland for three or four days this coming Summer.

The next annual conference for Oregon of the United Evangelical church will be held in Portland, beginning March 29, 1918, according to action taken by the conference while in session at Salem.

A new "honor lodge" at the state penitentiary has perfected organization. The lodge has 300 members and is organized to promote better feeling between the prisoners and the prison administration.

The number of employers subject to the workmen's compensation law during the second year's operation of the law was 6594, according to the annual report of the state industrial accident commission.

Assisting the farmers of the state in the production of larger and better crops of fiber flax, will be a branch of the work taken up by the extension service of the Oregon Agricultural college this month.

The industrial accident commission received reports of 277 accidents during the week between March 3 and April 5 inclusive. One of the accidents reported was fatal, the victim being Joseph Francis, of Baker, a railroad employe.

With war clouds threatening the continuance of athletics in the coast colleges later in the spring, the O. A. C. relay carnival of April 21 stands as the only major tract event of the season which is sure to be held on the coast this year.

In co-operation with similar departments all over the country, the extension services of the O. A. C. has announced that a vigorous campaign will be started immediately for the purpose of increasing the food preparedness of the country.

There were 50 fires in 31 towns during the month of March, according to figures issued by Insurance Commissioner Harvey Wells. The total losses amounted to \$75,145. The largest loss for the month was a \$10,000 building in Portland.

The people of Oregon are to be asked to subject to the referendum two of the school measures enacted by the last legislature—the teachers' tenure bill and the bill shortening the terms of school directors from 5 to 3 years. Referendum petitions have been prepared.

A statement issued by the industrial accident commission says that there was a decrease of 64 per cent in the number of personal injury cases where the relation of employer and employe existed, heard before the Oregon supreme court in 1916, from the number in 1914. The total number of cases, however, decreased but 10.4 per cent.

**ADVANTAGES OF A SILO AND SILAGE**

The silo enables one to preserve a larger quantity of the crop for feed than is possible in any other way.  
By the use of the silo a succulent feed may be provided throughout the entire year.

Silage is the best and cheapest form in which to provide a succulent feed during the winter.

Silage keeps dairy cows, beef cattle and sheep in a thrifter condition than any other feeds during the winter.

The same acreage devoted to silage will support more stock to than any other crop.

Silage has a beneficial or tonic-like effect upon the digestive organs of stock and stimulates the milk flow.

The silage system maintains soil fertility and helps to build up run down soils.

Silage crops, such as corn and clover, can be harvested in wet weather when conditions are such that other crops could not be harvested without some loss. The first crop of clover can be saved in this manner.

Feed stored as silage in silos is less expensive than when stored in barns, because a ton of silage requires less than one-half the space required by hay.

The value of the crop preserved by using a silo is about 40 per cent greater than when harvested in the usual way.

There is less waste in feeding silage than in feeding the crop in any other form.

The silo furnishes a feed of uniform quality that is always near at hand and available at any time during the year.

A crop can be harvested as silage cheaper than in any other form.

Silage is the cheapest bulky feed we have. It costs less than half as much as a hay crop.

Silage reduces the cost of producing butter fat on the dairy farm more than any other crop.

**POINTS OF A GOOD SILO**

The walls of a good silo must be air tight.

The silo must be deep. The deeper the silo the more pressure, which will cause the silage to pack better.

The silo should be round and have smooth perpendicular walls.

The silo should have strong walls. The outward pressure at the base of a silo is 330 pounds per square foot.

The size of the silo should be suited to the amount of livestock kept on the farm.

The silo should have a good roof. Use only good materials.

The silo should be placed on a good cement foundation. This will add to its life.

The doors should be conveniently arranged.

**GROWING CORN FOR SILAGE**

By N. S. Robb, County Agricultural Agent.

Corn is the best crop to grow for silage in this vicinity. Each year more stockmen and dairymen realize this statement and as a result each succeeding year finds a larger acreage in Lane county being used for silage. The culture of corn is possible in any section of the county that is free from summer frosts. The factors that really influence the successful culture of the crop are the seed, the time of planting and the methods of culture.

This year there will be a scarcity of good seed for planting and what seed there is that is available is selling for a high price. This should not prevent one though from obtaining the best seed he can as it pays in the long run. The yield is greatly influenced by the stand and to obtain a good stand the best seed is necessary. Where the yield is influenced so directly one can afford to pay for good seed.

A well prepared seed bed is one of the important features in obtaining a large yield of silage. Land should be plowed and well worked into a fine tilth before planting. There is no crop that responds so well to the application of barnyard manure as the corn plant does. The fertility of the soil should be kept up by means of rotating the corn crop with clover or the frequent application of barnyard manure to the field. Where manure is applied to the corn field the increased returns will more than pay for the effort. Evidence of this is seen in corn fields where old stack bottoms have been turned under. When the crop is two-thirds developed the patch where the old stack bottom stood is often from one to one and one-half feet tall; than the rest of the field. This shows the value of manure to the crop.

In growing corn either for silage or seed one should plant early; one day in the spring is worth two in the fall in the maturing of the crop. Many growers delay the planting till late in May and as a result they are bothered with late maturing corn. Growers in the county plant as early as April 15. This may not be possible this season, however. It seems that the desirable date for the planting of corn is between the middle of April and the middle of May, depending somewhat upon the season.

Corn for silage is generally planted a little thicker than is corn for seed. Some of the largest silage yields have been obtained by planting in rows 42 inches apart and planting the seed in the rows 9 to 10 inches apart. This method gives the largest yield of any of the rates of planting. It also requires more seed, the amount required being

from 12 to 15 pounds of seed to the acre.

Like any other cultivated crop corn demands good cultivation as it tends to aid the growth. The first cultivation given the crop is usually deep as the feeder roots which are near the surface have not developed. As the corn plants develop the cultivation should become shallower thus preventing the injury of the root systems of the plants. If the root systems are injured through deep cultivation the food supply will be reduced which will in turn influence the yield. The crop should not be cultivated too late in the season as it tends to prevent maturity. Generally after tasseling the cultivation should cease and in many cases even before this.

A great deal of anxiety was felt by many last year because the crop in some instances was frosted before it could be siloed. So far the writer does not know of a single instance reported in the state where the silage spoiled on account of immaturity of the corn. On the other hand, those that sacrificed the frosting of the corn to gain maturity are not complaining by any means, but say they have more nutriment in the feed. The fact of the matter is that it is often advisable to sacrifice the frosting of the corn to gain maturity. It means a sweeter and better keeping silage and less water content. Where corn is matured though before the frost the feed content will be higher per acre.

The value of silage is generally recognized as essential to profitable livestock production over the country. To produce the crop profitably though a larger yield is essential and if good methods are used in the culture of the crop silage will become one of the most profitable crops for the farmers of Lane county.

**SILAGE A NECESSITY**

By N. S. Robb, County Agricultural Agent

Many farmers are perhaps debating the question as to whether they are going to build a silo this season or wait. The time for planting the crop for silage will soon be here and on this account one should plan now for a silo and the corn crop to fill it.

The use of silage for dairy and beef cattle and sheep is becoming more essential every year on account of the prevailing high prices of feeds. Silage is the cheapest feed for these classes of stock and when fed to them results in cheapening the cost of production.

Practical dairymen who use silage say that the silo enables them to produce butter fat at from 5 to 8 cents a pound less. Stockmen consider that beef cattle can be produced at from \$1 to \$1.50 a hundred cheaper where silage is fed as a part of the ration.

Several farmers in Lane county during the past year have also used silage successfully as a part ration for brood sows. This is a practice that is not generally recommended though, on account of the milkiness of the silage.

In many sections of the country silage is fed to sheep and the owners consider it to be an A No. 1 feed for taking sheep through the winter at a low cost.

All these facts serve to emphasize the importance of this feed on the farms as a means of cheapening the cost of production. The silo is now considered a necessity for economical livestock production and dairying. The number of silos at present in the United States is estimated at nearly 600,000. Wisconsin, the banner dairy state, alone has 55,000. Many hesitate about building a silo and look at such an added expense. The fact is that a silo is one of the best paying investments on the farm.

The people that have had the most experience in the feeding of silage are the ones that are the most enthusiastic advocates of it. The saying of a successful dairymen that he would as soon try to farm without a barn as without a silo is expressive of the importance these men place upon the silo and the feeding of silage.

The silo is essential to the dairymen of this county because it will cheapen the cost of production of livestock and dairy products on the farm. Where the number of silos is so large as in this country every farmer should plan for such a building on his farm and thus make a step towards obtaining larger profits from the farm.

**ENLISTMENTS FOR WAR PERIOD**

Secretary Baker Announces Provision for War Time Limit.

Washington, April 12.—All men enlisting in the regular army or the national guard in the present emergency were assured in an announcement by Secretary Baker today that they would be kept in the service only for the period of the war. The action followed a conference between the secretary and the President.

In effect this places on a war time volunteer basis all of the men enlisted since the state of war was declared. It makes available a total of 517,868 places in the enlisted grades of the two services to men who wish to serve for the war only.

Mr. Baker emphasized the fact that this action was contemplated when the administration bill was framed and was in no way to be construed as a compromise plan, reached as a result of opposition to the draft feature of the bill.

Hearings on the bill continued before the house military committee today and will be concluded Saturday. The government leaders hope to have consideration under way in the house next week.

Under the law, the full enlistment requirement of six years in the national guard and seven years in the regular service, must be signed by all men taken into either service. The pending



The above is a picture of the hollow tile type of silo such as have been erected on the farms of N. W. White and J. A. Powell on Coast Fork, and for which S. L. Godard is agent. This picture was taken on the farm of Harold Stephens, at Amity.

**Build Hollow Tile Silos**

The advantages of hollow tile silos over wood silos are many.

There are no hoops to tighten and loosen, no guy wires in the way, no leaning over, no unequal shrinkage and has a lot of other features no other silo has. Silage made in a hollow tile silo is equally as good as that made in any other type of silo.

Your silo need cause you no worry from wind, rain or fire. It is built to last.

The initial cost of the hollow tile silo is a little greater than that of a wood silo but your expense ends with the first cost.

They are guaranteed as no other silo is. The terms of sale are easy.

Any size from 10 feet in diameter up as high as you want them.

Remember the prices of hollow tile silos are for the completed structure.

Don't let anybody sell you a silo until you have investigated this type.

For any information concerning this silo, see the man who builds them. Thank you.

**S. L. GODARD**  
Cottage Grove, Ore. Phone 15-F3

bill provides specifically for duration of the war enlistment contracts, but this cannot be applied until congress acts. To meet the immediate situation, Secretary Baker has directed that recruiting officers assure men accepted during the emergency that the contracts will not be enforced against them, but that they will be honorably discharged at the close of the war.

Advertising pays—in The Sentinel.

**"Hotel Hoyt"**  
Sixth and Hoyt Streets  
Near Depots—Portland, Oregon  
Fireproof, Newly Decorated. Rates, 75 cents to \$2.00.  
a12-m3 L. W. HIMES, Mgr.