

HEADLING FRUIT TREES REQUIRES CAREFUL STUDY OF PROBLEMS

The height of head in only a relative term. What one man might consider a low headed tree, another might call medium headed, and another person might call a high headed tree. On the whole, the Pacific Coast has demonstrated that low headed trees are preferable. They shade the trunk against sun scald, and keep the body of the tree down somewhat, and reduce in that way the cost of orchard operations.

But the height of head and the method to be used in heading trees is of interest to many at this time, since so many new orchards are being established. There are, first certain trees which perhaps need no heading at all, for example, in nearly every walnut orchard in the State there are usually high trees which have never been headed. These are growing up straight like forest trees. They have their branches well spaced, seem to be strong, grow upright rather than spreading over so much ground. More and more growers are taking interest in this type of tree, and undoubtedly in the future more of the trees will be grown. Unfortunately, many growers claim that there are certain English walnut trees that will spread in spite of any pruning or lack of pruning which is given. However, the chances are that good, strong vigorous trees, on the whole, will grow to a center leader if you allow them to.

Walnuts are headed in various ways. A late bulletin from California states that they prefer trees from six to ten feet in height, at the time of planting. A system which is used by some and has proved satisfactory, where trees are vigorous and good care is given, is to cut back the trees at time of planting, to two or three buds. After several shoots are forced out in the Spring, remove all but one, tying the remaining shoot to a stick, so that it will not be broken or injured in anyway. The second Spring, this tree is re-headed at a height of about 48 inches. Another method is to head the tree at about 48 inches at time of planting. Still another method which is used is to head the trees relatively low, 30 or 40 inches, tying up the branches the first few years. This system must have very careful tying, and skillful handling, to prove

Formerly, walnut trees were allowed to grow to poles for three or four years, and then laterals were allowed to form. The higher the trees are headed the more the tips of the branches will tend to go down to the ground, so that if trees are headed too high, it will be necessary continually to remove many branches, as the lower branches each year will come closer to the ground. For Western Oregon fruit trees, the so-called modified leader has much to commend it. In this system of heading, the trees is allowed to grow as a leader or cented type for several years. The center is then suppressed. The advantage in this system is that it gives a good spacing of branches, making a stronger crotch for the tree.

Frank V. Brown of Dallas, has a prime orchard headed this way. The Corvallis Orchard Company of Corvallis has handled apple and pear orchards with this same system of heading, and it seems to be the growing system in the Northwest. There seems to be a difference of opinion regarding the heading of prunes. Formerly, most of the prunes were headed from 30 to 40 inches. More and more growers however, are heading their trees from 25 to 30 inches.

M. H. Harlow has one of the prettiest lowheaded orchards in the State. L. F. Russell of Washougal believes that perhaps no heading of prunes similar to that we are advocating for walnuts, will perhaps be the coming type of prune. He has trees three

years old, which have never been headed, and they have made a remarkable growth. As these trees become old, however, probably a special method of rejuvenating will have to be worked out, as we know that prunes must have the weak wood removed, if they are productive and produce large prunes. This can probably be done with such trees, however, by cutting back laterals. Apple and pear trees, where the open center type is desired are generally headed from 20 to 25 inches; cherries, 25 inches. Where the modified center is adopted higher, at least 15 inches, and the top branch is not pruned back as severely as the side branches, during the first two or three years. It is then cut back so that it really in time becomes a side branch.—Oregon Grower.

Tangent Man Is Injured When Babbitt Flies

W. A. Slate, Tangent plumber and machinist was painfully injured this morning when he was pouring babbitt metal into the bearing for some machinery, the molten metal causing the molten metal to explode and fly into his eyes. The right eyeball was damaged, but the physician attending the case does not believe that the injury will be permanent.

Mr. Slate was brought to Albany and his burns attended to. This afternoon he was recovering nicely, although suffering from the pain of his accident.

Something to sell? Try a Democrat Want Ad.

CREAMERY HAS GOOD YEAR

Annual Meeting of Stock Holders Shows Profitable Business Carried on

The 25th annual meeting of the 85 stock holders of the Albany co-operative creamery association, held yesterday. Reports showed the largest business in the history of the company. All officers and directors were re-elected which are as follows: C. L. Shaw president, J. D. Isom vice president, and Wayne Dawson, manager and secretary. Directors, J. H. Scott, Henry Freerksen, Isaac Whealdon, J. D. Isom and C. L. Shaw.

The Albany creamery is the only co-operative creamery in the county and has at the present time about 700 customers. The last year ending Nov. 31 shows a record of 513,168 pounds butter made, butterfat received, 526,290 pounds; cream received 1,331,065 pounds; milk, 190,727 pounds. Average price received for butter 62 cents. Average test of milk 30 1/4. Total receipts for the year, \$321,093.76. Total amount paid out for the year \$257,736.28. For the year 1918 the approximate receipts were \$250,000.

The creamery also handled 10,342 dozen eggs, paying the producer \$4673.20. The company starts business for another year under experienced management and a general harmony among the customers.

Dance to be Part of Auto Show This Year

One of the features of the forth-

The AMERICAN LEGION

Entertains

Tomorrow Night

With a

Basketball Game

Between the

Legion and Newberg

at the

Old Y.M.C.A. Bldg.

on Broadalbin Street

and a

DANCE

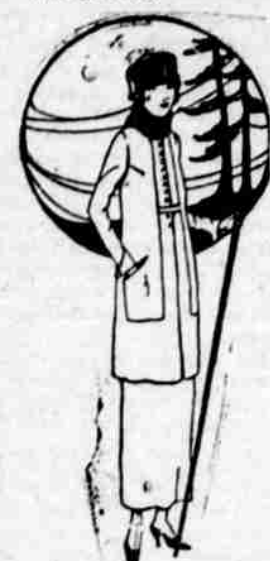
In the Armory Immediately
After the Game.

Newberg has a Cracker-Jack Hoop Aggregation and Albany will be in shape to Stage the Fastest Game of the Season

BEAVER JAZZ ORCHESTRA
of Corvallis will furnish music at
the dance

Looks Like a Big Night!
Take 'Em Both In!

25 Percent
to
50 Percent
Reduced



Reduced
Prices
On Coats

January Sale

25 Percent
to
50 Percent
Reduced

---OF---

OF LADIES SUITS

To close out the remaining numbers and clear the hangers for new spring stock, we have made an extraordinary price reduction of—

1-4 to 1-2 OFF

ON LADIES' WINTER SUITS

This gives you an unusual opportunity to cut the H. C. L. Only a limited number of these stylish models left. Make an early selection and a liberal saving.

SALE ON MILLINERY—Classed Into Three Lots
Lot No. 1 \$1.79 Lot No. 2 \$2.49 Lot No. 3 \$5.00

M. Sternberg & Co.

LADIES SHOP

Reduced
Prices
On Coats

coming automobile show which will be held here February 12 and 13 will be the big jazz dance which will hold forth on both nights of the show. The dances will be given in the new Murphy garage building, which will be completed in time for the occasion. The floor will be waxed and put in

good shape and the building heated for the comfort of dancers and spectators. The dance will not be a jitney affair, but a regular admission charge for the evening will be made.

A first class Jazz Orchestra from Portland will be engaged and the best of music will be assured. Kenneth

Carter, who was in charge of this part of the show last year is again handling the dance, which assures its success.

The day of the Brahmins is divided by their clocks into sixty hours of twenty-four minutes each.

Ford

THE UNIVERSAL CAR

Buy Your Ford Car Now

To make sure of getting a Ford car, buy one now. Don't wait until spring, but buy now while deliveries are possible. Even next month is an uncertainty.

The number of Ford cars allotted to this territory is limited and specified. Even to get our allotment, we must have real, bona-fide orders for cars. Just so many cars allotted us; just so many will get cars; will you be one of them? Those who order their cars now will be protecting themselves. If you would be forehanded, get your name on an order today.

Don't think you cannot use it if you get it now. The four seasons are all alike to the Ford car. It is a necessity every month of the year. Besides, the Ford car is lowest in upkeep cost and easiest in operation. And the new Ford electric starting and lighting system makes driving more convenient. Your order for either open or enclosed cars will have our prompt attention.

Kirk McKern Motor Co.

Special For Saturday PURE PORK SAUSAGE

Delicious sausage, made Country Style with nothing but the tender meat of freshly killed hogs. The kind you used to eat on the farm.

Special Saturday

Fancy Stall-fed Shorthorn beef, extra fine, per lb., 16c to 28c
LARD—Pure leaf lard. The best in Oregon. Try it.

You will always find courteous treatment, fair dealing and the best of meats here. 210 W. Second St.

E. C. SMITH & CO.

Meat Market

210 W. Second St.

Phone 27

Prize Winning

Prize Winning Ranges—Three
Times Successful at Oregon
State Fair—

Orban de Luxe
and
Ideal Ranges.

Large size, polished top, 18 inch
oven, pipe concealed in rear of
stove. High class range, six
covers—

Only \$65.00

Practically the same range in 4
cover, size at—
\$54.00

Small Range at \$35.00

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