

# WENATCHEE'S SUPERIOR YIELDS DUE TO WATER

### Quantity, Color and Size of Apples Caused by Irrigation—Contrast Shown With Chelan, Having No Water—Expert Local Packer Tells of Difference.

In the Wenatchee district the merits of irrigation are well recognized, the growers attributing the size, color and heavy production of fruit in the valley to the plentiful supply of water. Practically the entire Wenatchee valley is under irrigation, the water being brought 20 miles in a pipe measuring six feet in diameter. The cheapest water is obtained around Brewster at \$30 per acre. Over 75 per cent of the valley the water costs \$165 per acre. Maintenance runs from \$1.25 to \$2.50 per acre.

Chelan is the only district lying around Wenatchee which does not have the benefits of irrigation. According to Frank Isaacs, well known as an expert orchardist and packer, who has recently returned from Wenatchee where he was in the employ of Wells and Wade of the Northwest Fruit exchange, growers of the Chelan district are compelled to pay their packers 7 and 8 cents per box and board because of the fact that their fruit is off color and is small, the sizes running from 150 up, with 200 as the average.

The soil and climate of the Chelan district are practically the same as that of the Wenatchee district proper.

#### What Water Does.

In contrast to the variety of fruit grown at Chelan Mr. Isaacs cited a number of car tallies and packing house checks under his observation at Wenatchee. In a tally of 33 cars of Jonathans, with the exception of 27 boxes which sized 100 and 113, the entire shipment ran 48, 56 and 64. Such sizes are unknown without irrigation. At one of the large Okanogan packing houses the crew of packers worked an entire day on Roman Beauties and Stayman Winesaps that ran 36, 41, and 48 to the box. At a private apple show held in Wenatchee three boxes each of Roman Beauties and Stayman Winesaps were shown running 27 apples to the box. Mr. Isaacs packed on Jonathans that ran in a pack of 11,000 boxes, 94 per cent red; 12,000 boxes of Spitzenbergs ran 98 per cent red. These results are attributed by growers of the Wenatchee to the intelligent use of irrigation.

#### Cover Crop Grown.

"In the Wenatchee district," said Mr. Isaacs, "the common practice among orchardists is to use a cover crop of alfalfa or clover which grows to the trunk of the trees. Three cuttings which run very heavy, are made thus making the cover crop pay a good profit to the orchardist in addition to eliminating the expense of plowing and cultivating. Except when the cover crop is turned under ever three or four years no cultivating or plowing is done.

The system of irrigation in general use consists in the construction of a number of small ditches each ten or twelve inches in width. In these ditches a stream about an inch deep is allowed to run day and night from the first of July until the fruit is picked. Under this plan the fruit simply can't help growing.

A modification of this plan would undoubtedly be necessary in the parts of the Rogue river valley having a heavy soil. The Wenatchee soil is much lighter than ours, being of volcanic ash origin.

#### Water a Necessity.

"Under the Wenatchee plan as high as 70 to 76 boxes of commercial Winesaps are raised to the tree, and over 60 boxes of Newtowns to the tree.

"There is no reason why we all cannot see in this valley the quality and quantity of fruit that is being grown in the Wenatchee valley," concluded Mr. Isaacs. "What we need to grow such fruit is water. Competition is growing; more keen every year and if this district is to survive we must put out extra fancy fruit. And the way to get extra fancy fruit is to irrigate. Matters have come to the point in this valley where it is a plain case of irrigate or pull up the trees."

**Noted Feminist Leader Buried**  
LEWIS, N. Y., Dec. 5.—The funeral of Mrs. Inez Silbholand Boisecrain, the suffragist leader who died in Los Angeles, was held here today. Many relatives, friends and former neighbors attended. Burial was at Meadow Mount, the family home-stead.

# FIRST STEP TAKEN FOR REFINANCING REFUNDING BONDS

The first step in the new plan for the refinancing of the city was carried out last night when the council voted a \$39,000 issue of refunding bonds, which will be used for paying off the \$45,000 worth of bonds due next March. The bonds will be dated March 5, 1917, and advertising for bids will be started in financial papers today. The balance of \$15,000 due and not provided for by the \$39,000 issue will be taken care of by a balance of \$15,000 on hand for the purpose.

The petition of the Medynski forces asking the city to pay for the rent of the Natatorium hall on the night of December 13, when the merits of the Medynski plan will be explained by its adherents, was read. The city was asked to pay, upon an understanding that the hall had been paid for by the city upon the occasion of the meeting at which Colonel Howard A. Hanson of Seattle set forth the merits of the plan he had worked out for the city. The hall, upon that occasion, Mayor Emerick explained, was paid for by a number of business men interested in the plan. Upon hearing the explanation, Earl Fehl stated that the Medynski forces will pay for the hall.

The request that the charts prepared by Colonel Hanson, be loaned by the city for the meeting December 13 was acceded to, the mayor explaining that he was glad to have the charts before the people for more thorough understanding. The meeting was concluded with the reading of the regular monthly routine reports.

E. E. Egan of Drain, Ore., was a business visitor in the city the first of the week.

# LINCOLN SCHOOL CHAMPION OF CITY

The Lincoln school won the city football championship yesterday by defeating the Washington school, 6 to 0 in a hard fought game. The field was muddy and slippery, which prevented open work of any kind, except passing. The score was made by a series of nearly executed forward passes, the last one from Whipple to Stringfellow, netting six points.

The ball was in the Lincoln possession the greater part of the time, due to the fact that the defense always stiffened in critical moments. The game was fought mostly on the Washington territory and only once was the Lincoln goal endangered. Little Jerry Young was the Washington star, while only weighing 90 pounds, yet managed to do about 50 per cent of the tackling. Stringfellow and Whipple starred for the Lincoln aggregation by carrying the ball for large gains repeatedly. The Lincoln school won the previous game two weeks ago by the same score.

#### BONAR-LAW REFUSES

(Continued From Page One.)

of a smaller war council.

The Westminster Gazette says Premier Asquith's resignation was not received with any dismay in liberal circles. A majority of the party

# NATIONAL COUNCIL OF DEFENSE MEETS

WASHINGTON, Dec. 6.—Speaking to members of the new national council of defense, after its first session here today, President Wilson declared the council represented the first practical effort to co-ordinate the military, industrial and economic resources of the nation. He added that the council should be able to unite the forces of the country for the victories of peace as well as those of war.

warmly approved his decision and was prepared to give a unionist administration a fair chance, if one were formed. But it predicts that any minority government would have a precarious existence.

Speaking at a public meeting today, Lord Derby threw further light on the cause of the political crisis. He said it became apparent, especially in the matter of man power, that no serious grip was being maintained by the government on the position which existed. What was required, he said, was a small committee which could come to a decision quickly on any question and make the department concerned carry out the decisions arrived at. Unless that were done there would be great danger that the plans of the general staff might fail in the coming year.

# MINER KILLS WIFE, SON AND HIMSELF

SEATTLE, Wash., Dec. 6.—Frank Dergan, a coal miner, shot and killed his wife, his 4-year-old son and himself last night in their home in Issaquah, a mining town east of Seattle. The bodies were found today. Mrs. Dergan and her child had been

shot through the heart as they lay in bed, and the bed covering had not been disturbed. Dergan's body, fully clothed, was found on the floor of the bedroom. There was a bullet wound in his head, and his hand clenched a pistol.

**DEO FOR Chilblains**  
Dennis Eucalyptus Ointment  
AT ALL DRUG STORES  
TUBES 25c JARS 50c

#### DRINK HOT TEA FOR A BAD COLD

Get a small package of Hamburg Brest Tea, or as the German folks call it, "Hamburger Brust Tee," at any pharmacy. Take a tablespoonful of the tea, put a cup of boiling water upon it, pour through a sieve and drink a teacup full at any time during the day or before retiring. It is the most effective way to break a cold and cure grip, as it opens the pores of the skin, relieving congestion. Also loosens the bowels, thus driving a cold from the system.

Try it the next time you suffer from a cold or the grip. It is inexpensive and entirely vegetable, therefore safe and harmless.

#### RUB BACKACHE AND LUMBAGO RIGHT OUT

Rub Pain and Stiffness away with a small bottle of old honest St. Jacobs Oil

When your back is sore and lame or lumbago, sciatica or rheumatism has you stiffened up, don't suffer! Get a 25 cent bottle of old, honest "St. Jacobs Oil" at any drug store, pour a little in your hand and rub it right into the pain or ache, and by the time you count fifty, the soreness and lameness is gone.

Don't stay crippled! This soothing, penetrating oil needs to be used only once. It takes the ache and pain right out of your back and ends the misery. It is magical, yet absolutely harmless and doesn't burn the skin. Nothing else stops lumbago, sciatica and lame back misery so promptly!

# 5,000 Dollar Sale

Starts Tomorrow

Men's High Top Shoes \$3.50

Will H. Wilson



"Jack, be nimble, Jack, be quick, Jack, jump over the candle stick."

If you are like Jack, you may have a copy of the first limited edition of the **VOLLAND MOTHER GOOSE**. The most wonderful edition of the world's greatest juvenile classic. 108 RHYMES with full-page illustrations, faithful reproductions of the famous paintings by Frederick Richardson. Every child, every parent, every teacher and every artist should have a copy. **Medford Book Store**

# Shop Early XMAS SALES Shop Early

### Xmas Sale of Winter Suits

All of our new Winter Suits which have sold all season up to \$25.00, go in this sale **\$18.98** at.....

All of our New Winter Suits that have sold all season up to **\$25.00** \$35.00, go in this sale at.....

### MANN'S Xmas Sale of Winter Coats

The Women's Store 14-22 North Central Medford, Ore.

The balance of our \$18.00, \$20.00 and \$22.50 Coats, all this season's styles, Xmas sale price **\$15.00** at.....

All of our \$27.50, \$30.00 and \$35 New Winter Coats go in this sale at the uniform price of, **\$25.00** each.....

### Xmas Sale of Waists

Beautiful New Crepe de Chine and Georgette Crepe Waists, each one put up in a nice Xmas box.

**SPECIAL SPECIAL**

100 new Crepe de Chine Waists, worth \$5.00, Xmas sale price **\$3.98**

100 new Crepe de Chine Waives, values up to \$6.50, Xmas sale price **\$4.98**

Only **15** MORE BUYING DAYS until Christmas

### Xmas Sale of Jewelry

We have just added to our stock "The little Paris Shop" of "Merite" Jewelry. Every article guaranteed to wear. The very latest ideas in Lockets, Hat Pins, Ear Drops, Rings, Brooches, Scarf Pins, Bar Pins, Tie Clasps and Beads, ranging in price from **25c** up to **\$5.00**. It will pay you to see this line before buying.

### Xmas Sale of Furs

New Coney Muffs and Scarfs in black and brown, very special **\$5.00**

Marmot Muffs and Scarfs in the new shapes, Xmas sale price **\$9.98**

Jap Miuk Scarfs and Muffs, good quality, Xmas sale price **\$15.00**

Special values in Children's Furs

### Xmas Sale of Neckwear

Dainty new Organdie Collars and Sets, all well made and nicely trimmed, special, **48c** each.

Beautiful new Organdie and Mull Collars and Sets, this season's latest ideas, special, each **69c**

Women's fine grade Collars and Collar and Cuff Sets, in organdie, crepe de chene and broadcloths, very special, each **98c**

### Men's and Women's Initial Handkerchiefs, good quality, very special, each **10c**

Women's and Men's All Linen Initial Handkerchiefs, good quality, special **18c** each.

Extra Fine Grade Initial All Linen Handkerchiefs, each **25c**

### Plain and Fancy Hankerch'fs

500 doz. Men's, Women's and Children's Plain and Fancy Handkerchiefs, up to 10c values, very special, each **5c**

Beautiful All-Linen Embroidered Handkerchiefs, new designs, up to 25c, very special, each **18c**

### Xmas Sale of Hand Bags

100 All Leather Hand Bags in the new shapes, fitted with mirror and pocket-book, well worth \$2, this sale **\$1.48** at.....

50 beautiful new Hand Bags in many styles, all leather, well made, every one guaranteed, **\$2.50** very special.....

### Xmas Sale of Gloves

Cape Gloves, in tan only, all sizes, Xmas sale price **\$1.50**

French Kid Gloves, in black, tan and white, all sizes, sale price **\$1.50**

Mocha Kid Gloves, in gray, tan and brown, very special **\$1.75** at.....

### Xmas Kimonos

The latest styles in Crepe, Silk, Corduroy and Japanese Kimonos, also a fine line of Bath Robes at popular prices. These make acceptable gifts

### Xmas Sale of Towels

Fancy Bath Towels with different colored borders, just the thing for fancy work **29c**

Fancy Bath Towels Sets, consisting of large towel, small towel and wash rag to match **\$1.25**

### Japanese Linens

10 doz. Japanese Scarfs and Squares, in beautiful drawn work patterns, \$1.00 values, sale price **69c**

Japanese Drawn Work Scarfs and Squares, new patterns, good quality, worth 50c, this sale **29c**

### Xmas Sale of Hosiery

"La France" Silk Hose, every pair guaranteed, all colors, very special **\$1.25**

Women's Lisle Hose, lavender top, fast black, all sizes, worth today **50c**, this sale, **50c**

Kayser's Silk Hose, in plain and fancy, cheap today at **\$1.25**, this sale **\$1.25**