

Does Cooperation Pay? I'd Tell a Man!

COMPARE AND BE CONVINCED

Town No. 1 No Exchange—

Cracked Corn	\$2.15 per 100
Whole Corn	2.00 per 100
Rolled Oats	1.60 per 60
Rolled Barley	1.70 per 75
Corn, Oats and Barley	2.40 per 100
White Mountain Flour	2.40 per sk.
Northwest Flour	2.15 per sk.
Snowball Flour	1.65 per sk.
Total	\$16.05

Town No. 2 Has Exchange—

Cracked Corn	\$1.85 per 100
Whole Corn	1.70 per 100
Ground Oats	1.32 per 60
Rolled Barley	1.60 per 75
Corn and Oats	2.00 per 100
Exchange Flour	2.00 per sk.
Northwest Flour	1.90 per sk.
Snowball Flour	1.50 per sk.
Total	\$13.87

Cooperation pays on 8 sks. flour and feed, \$2.18 or 15.7 per cent. Can you make over 15 per cent any easier? Support your own business, buy what you need from the Exchange. If you can spare \$5 a month buy a share in the Exchange. Shares have paid 2 per cent every 3 months from the beginning and are backed by a surplus of over \$2,000. We can save you money on seed, flour and feed, farm machinery, gas engines and pumps, light or water systems, pipe, silos, plumbing supplies, roofing, paint, in fact no matter what you need it is a good plan to "See us first—we can save you money." WE HANDLT ONLY GUARANTEED ARTICLES.

Farm Bureau Cooperative Exchange, - Roseburg and Oakland

Pittsburgh Scientists to Attempt Conquest of Fog by New Petroleum Product

Mists to Be Thwarted by Spread of New Oil Derivative on River; Soot Abated by Modern Methods; Fog Evil Next in Line—War Department and Weather Bureau Cooperating—New Film May Find Use in Calming Rough

(International News Service.)

ROSEBURG, Aug. 30.—A major experiment in fog prevention is being attempted by scientists of Mellon Institute of Industrial Research, parent body, the University of Pittsburgh, in conjunction with War department, the Weather Bureau and state and city authorities at the next 60 days. The cost is defrayed by a Pittsburgh businessman who has been persuaded on the basis of wholly successful laboratory tests that fog can be controlled. If the big outdoor experiment comes up to expectations, Pittsburgh can be insured for a few hundred dollars annual outlay. It can have sunshine when the river and down-river valleys are shrouded in dense mist.

Soot Nuisance Abated.—The strict enforcement of smoke regulations this city has accomplished much in abating its soot nuisance. Present desire is to also banish errors of fogs, which, though innocent, bring midday darkness, close and traffic jams in the congested downtown triangle, formed by the confluence of the Monongahela and Allegheny rivers.

The scene of the experiment will be a stretch of the Monongahela running from Rice's Landing to Pennsylvania. Under direction of Major J. Franklin, district chief of the War department's rivers and harbor work, government steamers and crews will aid. The city of Pittsburgh will supply sprayers for equipping the boats. Oils and chemicals for the experiment are already in storage at government plant at Rice's Landing.

River Is Main Fog Source.—The battle against the fog will be fought on the river, because it is the water surfaces, except in extremely wet spring seasons, that all vapor clouds arise to spread far over adjacent land areas. It has been known that evaporation can be completely checked by setting a body of water in heavy oil. But always, heretofore, objections to the use of oil existed. Cost has been excessive and the petroleum product used the water a disagreeable taste.

After five years of study three of university and institute scientists discovered how to lay down an oil film 25 times thinner than that used by the petroleum products. They tried, yet apparently retained all the toughness that the thicker oil possessed. This film is 1-7500 inch thick and in laboratory experiments it kept heated water from giving off vapor for one hundred days. Use is made of an intermediate oil from petroleum, costing at \$2 a barrel, to which is added a small amount of a cheap organic material. The process is so simple that



H. B. Meller?

Three Pittsburgh scientists who have evolved method by which they believe fog nuisances can be abated in Pennsylvania industrial center. The new petroleum derivative also may be employed to smooth rough waters at sea during storms. Product to be used can be spread much thinner and therefore over much greater surface at less cost than any material previously in use.

The wonder is it was not discovered before, it is said.

New Method Is Cheap.

The thin film cuts present oil costs by 25 times, and it takes such a small amount to cover a great water surface that no bad taste or deleterious effect will be noticeable. The acid is present in such minute quantities that it is entirely negligible as being a possible agent in rendering the water unfit for any use.

The research men to whom credit is due for the discovery and for laying plans for the proposed outdoor experiment are H. B. Meller, dean of the school of mines, University of Pittsburgh, and chief of the bureau of smoke regulation, city of Pittsburgh; William A. Hamor, assistant director of Mellon institute, and Warren F. Faragher, senior incumbent of Mellon Institute's multiple industrial fellowship on petroleum technology and professor of refinery technology in Pitt School of Mines. They propose to secure letters patent for their discovery and dedicate it to the public.

Henry Pennywitt, government weather forecaster for the Pittsburgh area, enters into the experiment with the statement that he can predict a fog 12 hours in advance. This means that at a midnight hour, after he has

given the word of a fog due the next morning, the scientists on their fleet of boats will set out at Rice's Landing to lay down a blanket of oil several miles long over the Monongahela. At dawn, unless some flaw develops in the carrying out of the experiment, the observers stationed along the river from Rice's Landing to McKeesport expect they will see the sun through a clear atmosphere, while at other points, up and down the river, dense fogs will prevail.

Also Mosquito Ban.

As a further development of commercial use of the thin oil film it is proposed to apply it to mosquito-infested waters and swamp lands. The oil spreads over such a greatly extended surface that it may be possible to use an airplane, with a light cargo of oil, to spray marshy lands which have been inaccessible to the present methods of oil treatment. It is found that the thin film will remain unbroken on open water surface.

NO REASON FOR IT

When Roseburg Citizens Show a Way

There can be no reason why any reader of this who suffers the tortures of an aching back, the annoyance of urinary disorders, the pains and dangers of kidney ills will fail to heed the words of a neighbor who has found relief. Read what a Roseburg citizen says:

Mrs. I. D. Bishop, 318 Fullerton St., says: "My kidneys troubled me a lot and I felt tired and run down. I had a continual dull ache across the small of my back and had no energy and could hardly keep going. My kidneys acted irregularly, but I read about Doan's Kidney Pills and used them and they helped me wonderfully. The backache and tired, worn out feeling left and my kidneys were regulated."

Price 60c, at all dealers. Don't simply ask for a kidney remedy—get Doan's Kidney Pills—the same that Mrs. Bishop had. Foster-Milburn Co., Mfrs., Buffalo, N. Y.

IMPORTANT NOTICE

At a meeting of the Merchants held Monday night it was decided to close all day on Labor Day, Monday, September 4th. Roseburg & Douglas County Merchants Association.

years ago was associated with his brother, W. E. Clingenpeel, in the jewelry business in this city, stopped off here today on his way home to Monterey, California, after a visit north as far as Seattle. The gentleman is now in the merchandise business at Monterey and is meeting with excellent success.

PEPPER'S PLAN FOR ENDING COAL STRIKE CONSIDERED

(By United Press.) PHILADELPHIA, Aug. 30.—John Lewis, of the miners, and S. D. Warranger of the operators, conferred today regarding Senator Pepper's plan to terminate the anthracite strike. The arbitration demanded by the operators and opposed by the miners was the chief block to peace.

RESCUE WORK GOES ON IN EFFORT TO SAVE MINERS

(By United Press.) JACKSON, Cal., Aug. 30.—Working in relays, the miners had today cut their way through the 400 feet of earth to rescue the entombed miners in the Argonaut gold mine, working from the adjacent Kennedy mine. Three hundred feet remain, fifty of which is solid granite which will need blasting. They will probably reach the entombed miners Thursday morning.

Phone 155 for your next order of job printing. The exclusive job printing department of the News-Review is at your disposal. Speed, coupled with first-class work, has built up a wonderful reputation for this department.

The most thoroughly-read newspaper in Oregon—the Roseburg News-Review. Every department, the advertisements, and news columns are perused each day by over 20,000 people. That's why it's worth-while to advertise in this Douglas county publication.

DAILY WEATHER REPORT.
U. S. Weather Bureau, local office, Roseburg, Oregon, 24 hours ending 8 a. m.
Precipitation in inches and hundredths: Highest temperature yesterday, 77; lowest temperature last night, 60; precipitation, last 24 hours, .00; total precip. since first of month, .28; normal precip. for this month, .33; total precip. from Sept. 1, 1921, to date, .27.3; average precip. from Sept. 1, 1922, 6.68; average precipitation for 44 wet seasons, (Sept. to May, Inc.) .31.39; tonight and Thursday, probably showers.
WILLIAM BELLA, Observer.



The "Food-Drink" for All Ages. Quick Lunch at Home, Office, and Fountains. Ask for HORLICK'S. Avoid Imitations & Substitutes

Large Party will Go to Reedsport

J. E. McClintock, who is arranging plans for the caravan going to Reedsport on Friday, reports that a large number of people are preparing to make the trip. The county court leaves Thursday and returns Saturday while the others will leave the Roseburg Chamber of Commerce office promptly at 7 a. m. Friday, and will return Sunday evening.

Those who have pledged themselves to go, Mr. McClintock says, are as follows: John Busenbark and wife, N. Rice and wife, Jeanette Rice, and Mrs. G. A. Bradburn, L. B. Skinner and wife, C. A. Lockwood and wife, Mrs. William Bell; W. F. Chapman and wife, Elmer McKean and wife, Miss Agnes Pitchford, W. H. Fisher and wife, J. H. Booth and wife, D. S. Beals and wife, Sam Hall and wife, J. E. McClintock, Miss Vera McKay, E. L. Parrott and party of six, Sam Shoemaker and wife, William Broadway and wife, C. O. Clinger and wife, Frank Hellwell, W. H. Hemus, and C. M. Jones. Others whom Mr. McClintock states are planning to go, but have not yet definitely promised are A. J. Lilburn and wife, S. C. Miller and wife, W. L. Cobb and wife, L. B. Moore and wife, A. J. Young and wife, W. A. Bogard, W. S. Powell and wife, A. C. Marsters and wife, and A. C. Seely and wife.

A baby boy was born to Mr. and Mrs. A. J. Stevens, of Dole, at the Mercy Hospital this morning. Dr. Houck was in attendance, and reported the mother and babe to be doing nicely.

Miss Waite Honored at Shower

Mrs. George Sewell was a lovely hostess last evening at her country home, when she honored Miss Katherine Waite, who recently announced her engagement to Walter Baine. The affair was in the form of a shower for the bride elect, and friends of both Miss Waite and Mr. Baine were present.

The party was held on the spacious lawn at the Sewell home, and the young people were kept busy with games and music. The lawn was artistically decorated and lighted with Japanese lanterns, and tiny tea tables and chairs were arranged on the lawn. Miss Waite received many beautiful and useful gifts, which she greatly appreciated. Late in the evening, the hostess served a most delicious and dainty luncheon, and many good wishes were passed to the honored guests. Those present to enjoy the lovely affair were Misses Maybelle Miller, Florence Kohlhaugen, Florence Wharton, Beattie Wharton, Alice Ueland, Grace Lloyd, Myrth Hanan, Tekla Haynes, Frankie Howell, Merle Hamilton, Katherine Merrill; Mesdames Alvin Knudson, Carl Wimberly, Glen Wimberly, and Mrs. Childs; Messrs. Frank Clemens, Ivan Pickens, Dr. Wade, Slater Miller, Harry Booth, Ted Booth, Edward Kohlhaugen, Lynn Skinner, Alvin Knudson, Glen Wimberly and Kay.

WHISTLES FLUENTLY AT CALLOW AGE OF 9 MONTHS

YOUNGSTOWN, Ohio, Aug. 30.—Claim is made that Mervin, nine-months-old son of Mr. and Mrs. Max Heyman, of this city, "can whistle like a canary." "He's been whistling since he was six months old," declared the proud father. "I'm sure he is the champion baby whistler of the world. Why, when that boy grows up he ought to be in great demand. Think what Mr.

CO. D. ATTENTION.

All members of Co. D. will report at the Armory at Roseburg Friday, Sept. 1, 1922, at 7:30 for regular Armory drill. By order of CAPT. AVERY L. ROSER, Commanding.

Sousa would give to have such a whistler in his band!"

U. S. CAPITAL SEEKING RUSSIAN CONCESSIONS

(International News Service.) MOSCOW, Aug. 30.—The Russian Trade Delegation, just returned from Germany, reports that the Hamburg American line, in which the Harri-man group is interested, has been negotiating for concessions on a steamship line running from Petrograd to Archangel and Odessa. It is said that Russia will supply the ships and the fuel. A large Russian-German-American combine may be the result.

Marriage License Issued—

A marriage license was issued today to Walter L. Leake and Helen C. Campbell, both of this city.

SUITS cleaned and pressed for \$1.50; pressed only 75c. Try our way, you will be satisfied. ROSEBURG CLEANERS, Phone 472. We call and deliver.

The Associated Press, the United Press, and the International News Service supply the News-Review with the latest, snappiest news obtainable in the whole world. Subscribe today for your home town paper.

Years of experience are behind the nifty job printing department of the News-Review.

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Teacher of Piano, History, Harmony, Progressive Series.
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Select THE NEW 1922 CARABANA CIGARS

"De Luxe" 2 for 25c.
"Corona Royales" 10c.

Full Flavored Havanas
Splendid Workmanship
Liberal Sizes
Light Colors
Enjoyable to the Last
Lingering Puff.

MASON, EHRMAN & CO.
Distributors of
"The Nation's Finest Cigars."
PORTLAND, SEATTLE, SPOKANE.

"Is the Product Right?"

It is a maxim of advertising that a poor product cannot be successfully advertised. It may flash upon the scene with brilliance, become the talk of the hour, and to all appearances be destined to set new records, but unless it is and does what is claimed for it, no amount of printer's ink and artist's colors can give it permanence.

Once in a while some article of merchandise will appear to defy this rule, but not for long. Public response, at first, perhaps, quick and active, becomes slower and slower. Sales fall off. The business grows sick, and in a few months or a few years, the very name of the product is forgotten.

Advertising men know this so well that today the first question upon which they must be satisfied before they will recommend advertising to any manufacturer is—Is the product right?

And merchandise that is right—merchandise that will satisfy in service—merchandise that will bring customers back for another purchase is the first requirement of the jobber and the retailer who expect to endure and flourish.

There is no better assurance of this kind of merchandise than an advertising pledge to the public.

ROSEBURG NEWS - REVIEW

The Buyer's Guide.
Read by 20,000 people daily.

Suggestions for the Home Canning!

STONE JARS
FOOD CHOPPERS
FRUIT STRAINERS
WOOD BOWLS
PRESERVING KETTLES
COLANDERS
CHOPPING KNIVES
OAK AND FIR KEYS
JELLY STRAINERS
MIXING BOWLS
FRUIT JAR FILLERS
VEGETABLE BRUSHES
FRUIT AND VEGETABLE CANNERS
STAINLESS PARING KNIVES
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