

WILLAMETTE VALLEY SPLENDID PLACE FOR CULTURE OF FLAX

Figures Are Given in Bulletin
Prepared by the School of
Commerce.

LINEN DEMAND IS HEAVY

American Grown Fiber and American
Manufactured Linens Have Chance
to Get Trade, Says Mr. Miller.

Without exception, reports on the flax industry are to the effect that the Willamette valley, both from the standpoint of soil and climate, offers a splendid place for its development while the industry in other countries is demoralized on account of war conditions.

These things are emphasized in the bulletin prepared under the direction of H. B. Miller, head of the school of commerce, University of Oregon, and which will soon be ready for distribution. Government reports embodied in the bulletin point out the large market that this country offers for flax fiber.

Demand Is Heavy.

"The United States imports annually about \$2,000,000 worth of flax fiber and more than \$20,000,000 worth of linen goods," says the bulletin. "About one-third of the fiber comes from Russia, and about one-fourth from Belgium. Fully three-fourths of the linen imports are Irish. There appears to be no reason why American grown fiber and American manufactured linens should not be substituted for at least a large part of these imports."

For years it has been demonstrated that a very high grade of flax can be produced in abundance in the Willamette valley, and to make the industry a success seems only to require experienced persons to handle it. Retting is one of the processes in producing flax fiber which requires the work of a person with expert practical knowledge. The government report says: "The retting of flax consists of a treatment which will loosen the fiber from the woody portion of the stalk so that it may be readily removed. There are three principal methods of retting, viz.: Dew retting, water retting and chemical retting."

Work Is Difficult.

"The process is of such a nature that an inexperienced person should not attempt it unless there is some one to superintend the work who does understand it. This statement holds for all three retting methods, yet it applies especially to water retting and chemical retting."

"Dew retting is the method employed in many of the flax-growing provinces of Russia, and has been used in this country to a greater extent than the other methods. It consists of spreading the threshed straw in straight rows on a field, preferably a meadow, and allowing the action of rain, dew or snow to remove the gummy matter

which causes the fiber to adhere to the woody portion of the stalks. This takes place in from two or eight weeks, depending upon the climatic conditions. The straw is sometimes turned once during the retting process.

Water Is Used.

"The best flax fiber is obtained from the Central region of Belgium, where flax is water retted in the River Lys. Flax is also water retted in Ireland and in certain provinces of Russia, but in these countries the retting is done in pools or reservoirs."

"The practice in Belgium and in some portions of Ireland is to watch constantly during the latter part of the retting period, in order to remove the straw from the water at the time when the retting process has progressed sufficiently, even though this be during the night."

So far, flax has been grown to any large extent in the United States only for its seed. In 1912 there were 1,867,000 acres in this country planted to flax. The yield was 13,845,000 bushels of seed, which had a farm value of \$24,080,000.

HAITIEN TREATY GETS APPROVAL OF SENATE; NO OPPOSITION SHOWN

Black Republic Is Taken Under
Protection of the Govern-
ment of United States.

Washington, Feb. 29.—(I. N. S.)—Uncle Sam has taken under his wing another republic. By a unanimous vote the senate late yesterday ratified the Haitian treaty which gives the United States a virtual protectorate over the Black Republic. There was half an hour of debate over certain provisions, but the final vote developed no opposition. Under the treaty there will be an American consular to preserve order within the republic and will administer the finances.

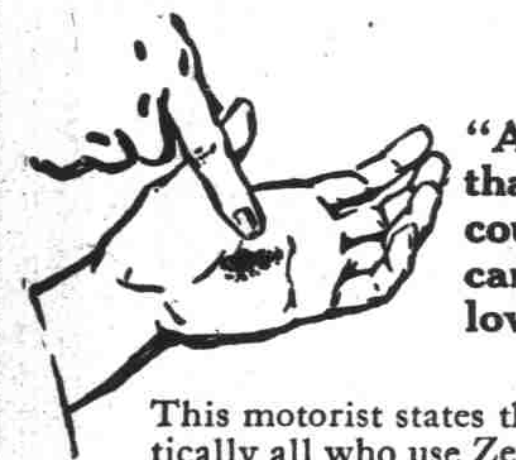
The muzzle rule against war debate was carefully observed in the senate all day. An outbreak threatened for an instant when Senator Tillman read into the record a letter from Dr. Pennington of New York, attacking American who ride on belligerent vessels. Senator Gore of Oklahoma denied he had any intention of giving up his fight for the adoption of his resolution to keep Americans off armed ships.

Immediately after going into session at noon the senate renewed debate on the Shields general dem bill. The conservation senators, led by Senator Norris of Nebraska, introduced an amendment to the bill and maintained a vigorous offensive all the afternoon.

The senate military affairs committee spent the day redrafting the Chamberlain army bill.

San Francisco Gets Plant.

San Francisco, Feb. 29.—(P. N. S.)—Construction of a steel manufacturing plant here is planned by the Blaw Steel Construction company of Pittsburgh, Penn., the president of which, Albert C. Lehman, arrived yesterday. The company manufactures steel concrete forms and does a large business with railroad and contracting firms.



"After driving more than 10,000 miles, I couldn't find enough carbon to fill the hollow of your hand."

This motorist states the experience of practically all who use Zerolene.

That's because Zerolene is scientifically refined from asphalt-base crude.

Zerolene that goes into the explosion chamber doesn't "break-up" into gummy, carbon-forming deposits, but after completing its efficient work, is consumed and passes out on exhaust.

Next time you empty the crank-case, refill with Zerolene.

Send for pamphlet "Motor-Cylinder Lubrication" by Lieut. Bryan, U. S. N., a government expert.

Standard Oil Company
(California)
Portland

ZEROLENE

the Standard Oil for Motor Cars

Dealers everywhere and
at our SERVICE STATIONS

Use Red Crown, the Gasoline of Quality

IN the heart of the retail shopping district—within easy access from the majority of offices, and conveniently reached from home—is the Northwestern National Bank

Its rapidly increasing
patronage indicates the
service it performs.

Your account here will
bring a mutual benefit
it is believed.

NORTHWESTERN
Northwestern
Sixth and

NATIONAL BANK
Bank Building
Morrison

IRRIGATION DAM NEAR VALE IS SOURCE OF DANGER TO SETTLERS

Company Must Employ Large
Force to Strengthen It Be-
fore Flood Waters Come.

SETTLERS ARE FEARFUL

State Engineer Lewis Proposes to
Warn People When Situation
Becomes Dangerous.

Salem, Or., Feb. 29.—Unless the Vale-Oregon Irrigation company of Vale puts a larger force at work and makes it certain that its dam can be safeguarded before the floods come on Billy creek, State Engineer Lewis will warn settlers to leave the valley below the dam, it was announced today.

Engineer Stricklin, who was sent to examine the dam, found that it was merely a concrete wall and was wholly inadequate to hold back heavy flood waters. He fully sustained the contentions of the settlers as to the danger of a disaster in case of flood.

Today a letter was received from a settler complaining that the company had put only 13 men at work strengthening the dam along the lines suggested by the state engineer. This force is insufficient to do the work in the time available, it is believed by both the settlers and the engineer's office.

There is no immediate danger, as the snow on the mountains has not been melting lately in central Oregon. However, the state engineer proposes to warn settlers when the situation becomes dangerous so that there may be no loss of life.

Buchtel Is Candidate.

Salem, Or., Feb. 29.—The first filing for the office of public service commissioner was made Monday afternoon when Fred G. Buchtel, active head of the state weights and measures department, son of Joe Buchtel, the pioneer chief of Portland, officially entered the race for the Republican nomination for the western district.

Roads Still Bad.

Salem, Or., Feb. 29.—According to information received from employees by the state highway department, it is still impossible to get automobiles over the Siskiyou mountains. Two cars from Portland got as far as Siskiyou and found it necessary to turn back. It will probably be 10 or 15 days, even with the most favorable weather, before it will be possible to drive cars over the mountains. The weather has been exceptionally favorable on the Siskiyou. A crew has been set to work dragging the road as far as the station at Siskiyou and it is expected it will be put in excellent condition for the season's traffic. There have been no serious slides and the grade has settled materially during the winter season.

Articles of Incorporation.

Salem, Or., Feb. 29.—Following articles of incorporation were filed here Monday with Corporation Commissioner Schulerman:

The Toggery, \$10,000, Medford, W. F. and Irene Isaacs and John E. Goodrich; Oregon State Neoprene College and Drugless Physicians, Portland, \$10,000, L. R. Wilson, H. A. Stockdale, A. Spencer Vehr and Virgil MacMickey; Better Business College, Portland, \$10,000, William Bittie Wells, A. H. Allen and Russell E. Sewall.

Articles dissolving the Panama Amusement company, of Portland, were filed.

Two Are Pardoned.

Salem, Or., Feb. 29.—Governor Withcombe has granted full pardons to Ed. Henderson and Duke McCurdy, who were tried in Washington county April, 1913, for a statutory offense, sentenced to serve 3 to 20 years and paroled from the bench by Circuit Judge Campbell. It was stated at the governor's office that executive clemency was taken at the request of Circuit Judge Campbell, District Attorney Tongue and numerous residents of Washington county.

Library Building Is First Class Fire Risk

In a report to the commissioners regarding what insurance, if any, should be carried on the Public Library, Fire Marshal Jay Stevens classifies the library building as a "first class risk." Protests to the proposed road on Sauvie's Island were presented to the county commissioners yesterday from property owners claiming that the proposed road would damage their property. The protests will be heard at the meeting of the board Friday.

Bishops Hold Services.

Medford, Or., Feb. 29.—Bishop Sumner of Oregon and Bishop Rowe of Alaska met in Medford yesterday and held special services at St. Mark's Church. A conference was held with Bishop Sumner, this being the occasion of his regular episcopal visitation, relative to the erection of a church edifice on North Oakdale avenue at an early date. Favorable progress is announced.

Salesmen Are Injured.

Monterey, Cal., Feb. 29.—(U. P.)—H. B. Rogers and C. C. Goodman, San Francisco, were in a hospital today as the result of an automobile accident last night. Goodman will probably be released in a few days, but Rogers is likely to be confined for several weeks. Their car turned turtle after catching in street railway tracks.

Accused Is Given An Exciting Ride Upon Motorcycle

Jack Service, wanted for assault, was landed in the county jail this morning by Deputy Sheriff Marks, after what the witness describes as the wildest ride of his life. Service has twice escaped from the officers. He was brought in on a motorcycle from near a 12-mile house on the Base Line road. Marks drove the machine at top speed, about 45 miles an hour, and was to the courthouse and invited Service to jump off at any time he chose.

Republican Peace Gains in California

Meeting Last Night Is Reported to Have Netted a Gain; Another Is Scheduled for Tomorrow Night.

San Francisco, Feb. 29.—(U. P.)—Peace, according to certain politicians, is approaching in the conference of the state Republican central committee and the "independent" faction. A get-together meeting last night was reported to have netted the peace-makers a slight gain, and announcement was made today that a further session will be held tomorrow night.

The two factions are reported planning a compromise slate of delegates to the Republican national convention, though the independents Saturday insisted on a list pledged to uniting the Republicans and Bull Moose of California and backing a progressive Republican for the presidential nomination.

DEPUTY SHERIFF IS BADLY WOUNDED BY 2 NIGHT PROWLERS

Bloodhounds Put on Trail of
Assailants of Official Near
North Yakima.

North Yakima, Wash., Feb. 29.—(P. N. S.)—Shot twice by two men whom he accosted as they were preparing to break into the office of the Zelah Lumber company, Ernest E. Buckley, deputy sheriff and night watchman of Zelah, five miles north of here, was probably fatally wounded early today. Buckley fired several shots and thinks he wounded one of the men.

Bloodhounds have been brought from Easton and placed on the trail of Buckley's assailants, who escaped. The tools which the men used were stolen from a railroad section house at Homana and the agent at that point was able to give a description of the men.

Parcel Post Limit Put at 50 Pounds

Washington, Feb. 29.—(I. N. S.)—After a bitter parliamentary struggle the house last night voted to limit the parcel post service to the transportation of packages weighing 50 pounds or less. The limitation is set in an

amendment written into the postoffice application bill. Its supporters declared that it was designed to protect the railroads from government competition in the carrying of freight. The proposal was bitterly fought by Representative Lewis of Maryland, the staunchest advocate of the parcel post system on the floor, but he was outvoted in a series of parliamentary maneuvers that kept the house in session for the first time this winter well into the evening. His final effort was defeated by a vote of 179 to 154.

Sipman Wolfe & Co.

Merchandise of Merit Only

New Heatherbloom Petticoats

That Have All the Appearance of Silk
But Will Give Three Times the Wear

Specially Priced at \$1.49, \$1.98, \$2.45

—These skirts of genuine Heatherbloom taffeta are light in weight, and have all the appearance of silk, but will give much better wear than any silk skirt made.

—These prices include both the regular and extra sizes—all have elastic tops and are finished with deep flounces which are made in a variety of different styles. —Fourth Floor

This Seven Piece Water Set

Consists of a two quart water pitcher and six tumblers, and cut in the artistic sunburst star design.

**As Illustrated.
95c Set**

—Sixth Floor

The NEW VOILE FLOUNCINGS

In the Identical Patterns That Are Being
Used so Extensively for Spring Gowns

40 Inches Wide—69c Yd.

That Are Really Worth From \$1.15 to \$1.50 Yard

—They were purchased before embroideries became so scarce, and consequently we are able to offer them at this most exceptional price.

—Embroideries such as these, in rare beautiful designs on a fine quality of voile promise to have a great vogue this season for lingerie dresses. They all show heavily embroidered designs with artistic scallops.

Silk and Novelty Laces at 25c Yard
From 6 to 18 Inches Wide

—These laces are suitable for camisoles, dresses, waists and lingerie of all kinds. From 6 to 18 inches wide—that would cost regularly as high as \$1.00 a yard. —First Floor

Sipman Wolfe & Co.

Merchandise of Merit Only

Introductory Display and Sale Of Authentic and Distinctive Modes in Millinery Trimmings

For Spring and Summer

—A special occasion that presents the correct and authentic millinery trimmings for the Spring and summer seasons, according to the master designers in the world of fashion.

—Never before in the history of our store have we offered such a large and complete showing of trimmings—every wanted flower, every sort of feather, every kind of novelty is here—in every shade and color combination.

—The season has already opened with a lavish display of flowers for trimming purposes as well as ribbons—but no matter what your fancy dictates, you will find it here, and at prices that are remarkably low.

Straw Flowers in pretty colors and combinations **50c and 75c each.**

Fruits of all kinds and clusters **50c to 95c.**

French Flowers, berries, thistle, asters and clusters at **50c to 95c.**

Daisy Clusters in white and colors **75c bunch.**

Velvet Pansies in bunches and natural colors **95c, 50c.**

Single Roses with foliage and stems that produce the high effect, **50c, 75c.**

Cherry and daisy and rose combined wreaths **95c, \$1.95.**

Jet novelty flower effects and wings, **50c.**

Silk Straw braids in smooth effects with edge, in all colors, 10 yard pieces, **\$1.00.**

Smooth and rough satin braid in open patterns and flat effects, **12 yds. \$1.50.**

Ribbons in plain and novelty effects, **25c to \$1.50 yard.**

Large Imported flat roses with leaves, **75c.**

Silk Shaded apples and pears in flat effects, **50c, 39c.**

The Newest of Untrimmed Hats Here at \$1.95 to \$8.95
—Of hemp, Milan hemp, Lizerie and split straws, in black and all the new colors. —Third Floor

Sipman Wolfe & Co.

Merchandise of Merit Only

An Important Announcement—Sport Suits Of Wool Jersey Cloth at \$20.00 and \$26.75

—These knitted suits promise to be the most popular in sports styles and we offer them in a variety of Norfolk styles, shown in blue, brown, green, rose, Copenhagen and rose. They are made of a soft wool jersey cloth, which is light in weight. Perfectly tailored in every way, and smartly fashioned on excellent fitting lines.

**A Novelty Poplin Spring Coat Has
Arrived to Sell at \$14.85**

—The poplin coat for spring and summer is one of the newest ideas, and we offer here one of the smartest of the new models, which is trimmed with bands of taffeta in self color—the entire coat is lined throughout with Peau de Cygne silk—made 38 inches long—and smartly flaring.

**Pussy Willow Silk Blouses Just Unpacked
And Specially Priced at \$3.95**

—In the very colors you will be delighted with, and of a quality that is soft and beautiful with a high luster. Made with the new sports collar, having corded yokes and sleeves with turned cuffs. —Third Floor

Sipman Wolfe & Co.

Merchandise of Merit Only

12 Most Popular Colors in A New Shipment Just Arrived of 40-Inch Crepe de Chine

Goes on Sale Wednesday at
\$1.09 Yard

—An unprecedented sale—quality never equaled at this price. Comes in black, navy, Copenhagen, apricot, rose, white, pink, flesh, Nile, maize, lavender, reseed, in a fine, soft finish, so much desired for shirtwaists, street and party dresses, and underwear. Full 40 inches in width. —Basement

Nainsook—Ripplette—Madras—Percale \$1.25 Nainsook, 10 Yard Bolt 98c

—Soft finished, 36 inch material, free from dressing. Especially made for underwear, etc.

12 1/2c Ripplette, 10c Yard

—A large assortment of pink, blue, gray and tan stripes, full 28 inches wide. Splendid quality.

25c Striped Madras, 18c Yard

—Entirely new stripes for waists, men's shirts, boys' blouses, dresses, children's wear, etc. Extra quality and 36 inches in width.

15c Standard Percales, 12 1/2c Yard

—Light, medium and dark grounds with the latest stripes and figures. Full 36 inches wide. —Basement

Sipman Wolfe & Co.

Merchandise of Merit Only

\$1.00 Down—50c a Week Buys a Collapsible and Adjustable Model Dressmaking Form

—With one of these forms it is not only possible, but a simple matter, to make any and all kinds of apparel with the least expense. You can reproduce almost any figure exactly, permitting the same form to be used for all members of the family.

\$22.50 Forms, 24-section \$18.00
\$16.50 Forms, 12-section \$12.50
\$15.00 Forms, 8-section \$10.00

—Second Floor

Notion Specials

Every Woman Who Sews Will Find
Much to Interest Her in the Following List

10c Hemming Sublim 100-yard Silk, dozen	90c	5c Radiant Skirt Braid	3c
5c Clark's Thread, dozen, 51c		5c Eng. Pin Sheets, 2 for 5c	
5c Coat's Thread, dozen 51c		15c guaranteed Dress Shields 5c	
500-yd. Raging Thread, dz. 40c		25c Bundle Tape, 12 sizes 15c	
Safety Pins, 3 cards for . . . 5c		10c Oblong Dress Fasteners 5c	
10c Copper Coat Hangers . . . 5c		To 35c Inside Belting, yd. 15c	
50c Sanitary Skirt Protector	38c	5c Milvona & Crowley Neckties	4c
10c White Bias Tape, bolt 5c		4c pkg., or dozen pkg. 45c	
		50c Victoria Pleaters	25c
		10c DeLong Dress Fasteners 5c	
		10c Silk Cov'd Collar Stays 5c	

—First Floor

5c Down—5c Additional Each Week Brings "The FREE" Machine to You

THROUGH OUR NEW SEWING MACHINE CLUB

—The club membership is limited to 250 members—half of that number have been taken already. Select your machine tomorrow and save as you sew.

1st week	8th week	15th week	22d week	29th week	36th week
5c	40c	75c	\$1.10	\$1.45	\$1.80
10c	45c	80c	\$1.15	\$1.50	\$1.85
2d week	46c	81c	\$1.16	\$1.51	\$1.86
3d week	47c	82c	\$1.17	\$1.52	\$1.87
4th week	48c	83c	\$1.18	\$1.53	\$1.88
5th week	49c	84c	\$1.19	\$1.54	\$1.89
6th week	50c	85c	\$1.20	\$1.55	\$1.90
7th week	51c	86c	\$1.21	\$1.56	\$1.91
8th week	52c	87c	\$1.22	\$1.57	\$1.92
9th week	53c	88c	\$1.23	\$1.58	\$1.93
10th week	54c	89c	\$1.24	\$1.59	\$1.94
11th week	55c	90c	\$1.25	\$1.60	\$1.95
12th week	56c	91c	\$1.26	\$1.61	\$1.96
13th week	57c	92c	\$1.27	\$1.62	\$1.97
14th week	58c	93c	\$1.28	\$1.63	\$1.98
15th week	59c	94c	\$1.29	\$1.64	\$1.99
16th week	60c	95c	\$1.30	\$1.65	\$2.00
17th week	61c	96c	\$1.31	\$1.66	\$2.01
18th week	62c	97c	\$1.32	\$1.67	\$2.02
19th week	63c	98c	\$1.33	\$1.68	\$2.03
20th week	64c	99c	\$1.34	\$1.69	\$2.04
21st week	65c	100c	\$1.35	\$1.70	\$2.05
22d week	66c	101c	\$1.36	\$1.71	\$2.06
23d week	67c	102c	\$1.37	\$1.72	\$2.07
24th week	68c	103c	\$1.38	\$1.73	\$2.08
25th week	69c	104c	\$1.39	\$1.74	\$2.09
26th week	70c	105c	\$1.40	\$1.75	\$2.10
27th week	71c	106c	\$1.41	\$1.76	\$2.11
28th week	72c	107c	\$1.42	\$1.77	\$2.12
29th week	73c	108c	\$1.43	\$1.78	\$2.13
30th week	74c	109c	\$1.44	\$1.79	\$2.14
31st week	75c	110c	\$1.45	\$1.80	\$2.15
32d week	76c	111c	\$1.46	\$1.81	\$2.16
33d week	77c	112c	\$1.47	\$1.82	\$2.17
34th week	78c	113c	\$1.48	\$1.83	\$2.18
35th week	79c	114c	\$1.49	\$1.84	\$2.19
36th week	80c	115c	\$1.50	\$1.85	\$2.20
37th week	81c	116c	\$1.51	\$1.86	\$2.21
38th week	82c	117c	\$1.52	\$1.87	\$2.22
39th week	83c	118c	\$1.53	\$1.88	\$2.23
40th week	84c	119c	\$1.54	\$1.89	\$2.24
41st week	85c	120c	\$1.55	\$1.90	\$2.25
42d week	86c	121c	\$1.56	\$1.91	\$2.26
43d week	87c	122c	\$1.57	\$1.92	\$2.27
44th week	88c	123c	\$1.58	\$1.93	\$2.28
45th week	89c	124c	\$1.59	\$1.94	\$2.29
46th week	90c	125c	\$1.60	\$1.95	\$2.30
47th week	91c	126c	\$1.61	\$1.96	\$2.31
48th week	92c	127c	\$1.62	\$1.97	\$2.32
49th week	93c	128c	\$1.63	\$1.98	\$2.33
50th week	94c	129c	\$1.64	\$1.99	\$2.34
51st week	95c	130c	\$1.65	\$2.00	\$2.35