

\$9,082 Grant Made For Lignin Research

Corvallis—A grant of \$9,082 for basic research on wood lignin has been received by Oregon's forest research center in Corvallis, according to R. M. Kallander, administrator.

The money was granted by the Louis W. and Maud Hill Family Foundation of Saint Paul, Minn., to help support work of two wood chemists in a study of lignin from red alder.

Lignin is a major byproduct of wood pulp and paper making. About a fifth of wood

is lignin, most of which is lost in spent solution resulting from the breakdown of chips into pulp.

The thousands of tons of lignin lost annually in the United States are a potential source of valuable chemicals. Increased knowledge of lignin structure can open the way to recover these lost values.

Red alder was chosen for study because lignin of this hardwood is considered easier to recover than that of softwoods. This tree is being pulped in increasing amount in Oregon.

RADIO PROGRAMS — THURSDAY

Program	Time	Station
4:00—News	4:00	KWYN
4:15—Traffic Jam	4:15	KWYN
4:30—Traffic Jam	4:30	KWYN
4:45—Traffic Jam	4:45	KWYN
5:00—Edw. R. Morrow	5:00	KWYN
5:15—Record Room	5:15	KWYN
5:30—Record Room	5:30	KWYN
5:45—Frank Goss	5:45	KWYN
6:00—News	6:00	KWYN
6:15—Thomas-Sports	6:15	KWYN
6:30—Eventide	6:30	KWYN
6:45—Eventide	6:45	KWYN
7:00—Sevareid-A&A	7:00	KWYN
7:15—Amos-Andy	7:15	KWYN
7:30—Amos-Andy	7:30	KWYN
7:45—Turntable Terrace	7:45	KWYN
8:00—News	8:00	KWYN
8:15—Turntable Terrace	8:15	KWYN
8:30—Turntable Terrace	8:30	KWYN
8:45—Turntable Terrace	8:45	KWYN
9:00—News	9:00	KWYN
9:15—Turntable Terrace	9:15	KWYN
9:30—Turntable Terrace	9:30	KWYN
9:45—Turntable Terrace	9:45	KWYN
10:00—Richfield Reporter	10:00	KWYN
10:15—Turntable Terrace	10:15	KWYN
10:30—Turntable Terrace	10:30	KWYN
10:45—Turntable Terrace	10:45	KWYN
11:00—Sign Off	11:00	KWYN

RADIO PROGRAMS — FRIDAY

Program	Time	Station
6:00—News	6:00	KWYN
6:15—Yawn Patrol	6:15	KWYN
6:30—Yawn Patrol	6:30	KWYN
6:45—Yawn Patrol	6:45	KWYN
7:00—Breakfast Tunes	7:00	KWYN
7:15—News Around World	7:15	KWYN
7:30—MacLeod Sports	7:30	KWYN
7:45—Harry Babbitt	7:45	KWYN
8:00—News-Weather	8:00	KWYN
8:15—Frank Goss	8:15	KWYN
8:30—Coffee Concert	8:30	KWYN
8:45—Howard Miller	8:45	KWYN
9:00—News	9:00	KWYN
9:15—Breakfast Club	9:15	KWYN
9:30—Breakfast Club	9:30	KWYN
9:45—Breakfast Club	9:45	KWYN
10:00—News-Happiness	10:00	KWYN
10:15—Mrs. Burton	10:15	KWYN
10:30—Dr. Malone	10:30	KWYN
10:45—Ma Perkins	10:45	KWYN
11:00—News-Whis. Sta.	11:00	KWYN
11:15—Cpl. Nxt Door	11:15	KWYN
11:30—Helen Trent	11:30	KWYN
11:45—Pa. Butttram	11:45	KWYN
12:00—Paul Harvey	12:00	KWYN
12:15—News-Weather	12:15	KWYN
12:30—Galen Drake	12:30	KWYN
12:45—Howard Miller	12:45	KWYN
1:00—News-Godfrey	1:00	KWYN
1:15—Godfrey	1:15	KWYN
1:30—Godfrey	1:30	KWYN
1:45—Godfrey	1:45	KWYN
2:00—News-House Party	2:00	KWYN
2:15—News-House Party	2:15	KWYN
2:30—Music-Bulletin	2:30	KWYN
2:45—Trading Post	2:45	KWYN
3:00—News	3:00	KWYN
3:15—Story Hour	3:15	KWYN
3:30—Traffic Jam	3:30	KWYN
3:45—Traffic Jam	3:45	KWYN
4:00—News	4:00	KWYN
4:15—Traffic Jam	4:15	KWYN
4:30—Traffic Jam	4:30	KWYN
4:45—Traffic Jam	4:45	KWYN
5:00—Edw. R. Morrow	5:00	KWYN
5:15—Record Room	5:15	KWYN
5:30—Tom Harmon	5:30	KWYN
5:45—Frank Goss	5:45	KWYN
6:00—News	6:00	KWYN
6:15—Thomas-Sports	6:15	KWYN
6:30—Eventide	6:30	KWYN
6:45—Eventide	6:45	KWYN
7:00—Sevareid-A&A	7:00	KWYN
7:15—Amos & Andy	7:15	KWYN
7:30—Basketball Warmup	7:30	KWYN
7:45—Basketball Warmup	7:45	KWYN
8:00—Medford-Grants Pass	8:00	KWYN
8:15—Medford-Grants Pass	8:15	KWYN
8:30—Medford-Grants Pass	8:30	KWYN
8:45—Medford-Grants Pass	8:45	KWYN
9:00—Medford-Grants Pass	9:00	KWYN
9:15—Medford-Grants Pass	9:15	KWYN
9:30—Medford-Grants Pass	9:30	KWYN
9:45—Medford-Grants Pass	9:45	KWYN
10:00—Richfield Reporter	10:00	KWYN
10:15—Turntable Terrace	10:15	KWYN
10:30—Turntable Terrace	10:30	KWYN
10:45—Turntable Terrace	10:45	KWYN
11:00—Sign Off	11:00	KWYN

Station	Program	Time
KBOY - 130 KC	8:30—Stock Market	10:00—Bargain Roundup
8:45—Sign Off	12:00—Uncle Rick	12:15—Farm Market
FRIDAY	12:30—Stock Market Closing	2:30—Bargain Roundup
7:15—Sign on Music all day	2:45—Request Time	3:45—Sign Off
8:00—Chuck Fields		

Station	Program	Time
KDOV 1300 KC	9:45—Trader Horn	11:35—Weather Report
4:30—Farm Report	12:00—Market Report	12:30—Weather Report
5:00—Sign Off	1:00—Uncle Rick	2:25—Meeting Notices
FRIDAY	3:45—Weather Report	4:30—Farm Report
6:00—Sign on Music, news, and weather all day.	5:00—Sign off	
6:30—Farm Report		
6:55—Weather Report		

TELEVISION PROGRAMS

The following TV broadcast log is printed as a free public service for the Mail Tribune's readers and TV viewers. Schedule changes are printed as provided by the TV stations and the Mail Tribune cannot accept responsibility for errors or omissions.

Station	Program	Time
KBS-TV (Channel 5)	4:00—Devotions	5:00—I Spy
4:05—Uncle Bill's Cartoons	5:30—Rin Tin Tin	6:00—Weather
4:30—Jackson County Public Health	6:05—News	6:13—Doug Edwards
5:00—Rin Tin Tin	6:30—Eddie Crain	6:55—TV Question Box
5:30—TV Westernman	7:00—December Bride	7:30—State Trooper
6:05—News	8:00—Playhouse 90	8:30—Theatre
6:15—Doug Edwards	8:30—Playhouse 90	10:05—Theatre
6:30—Eddy Crain	8:30—Playhouse 90	10:30—Sign off
6:45—Sportsman's Club	8:30—Playhouse 90	
7:00—December Bride	8:30—Playhouse 90	
7:30—Harbor Command	8:30—Playhouse 90	
8:00—State Trooper	8:30—Playhouse 90	
8:30—Playhouse 90	8:30—Playhouse 90	
10:00—News	8:30—Playhouse 90	
10:35—Theatre	8:30—Playhouse 90	
11:35—Sign off	8:30—Playhouse 90	

Station	Program	Time
KOTI-TV (Channel 2)	4:00—Devotions	5:00—I Spy
4:05—Uncle Bill's Cartoons	5:30—Rin Tin Tin	6:00—Weather
4:30—Jackson County Public Health	6:05—News	6:13—Doug Edwards
5:00—Rin Tin Tin	6:30—Eddie Crain	6:55—TV Question Box
5:30—TV Westernman	7:00—December Bride	7:30—State Trooper
6:05—News	8:00—Playhouse 90	8:30—Theatre
6:15—Doug Edwards	8:30—Playhouse 90	10:05—Theatre
6:30—Eddy Crain	8:30—Playhouse 90	10:30—Sign off
6:45—Sportsman's Club	8:30—Playhouse 90	
7:00—December Bride	8:30—Playhouse 90	
7:30—Harbor Command	8:30—Playhouse 90	
8:00—State Trooper	8:30—Playhouse 90	
8:30—Playhouse 90	8:30—Playhouse 90	
10:00—News	8:30—Playhouse 90	
10:35—Theatre	8:30—Playhouse 90	
11:35—Sign off	8:30—Playhouse 90	

STAR GAZER

By CLAY R. POLLAN
Your Daily Activity Guide According to the Stars.

To develop message for Friday, read words corresponding to numbers of your Zodiac birth sign.

ARIES MAR 21	1 An	31 A	61 Can
APR 21	2 Saur	32 Raver	62 Tody
MAY 21	3 Social	33 Temped	63 Distort
JUN 21	4 Good	34 Affection	64 Whirl
JUL 21	5 Stick	35 Expected	65 May
AUG 21	6 Up	36 Face	66 Be
SEPT 21	7 Factors	37 Pluk	67 Year
OCT 21	8 There's	38 Or	68 Ray
NOV 21	9 Friends	39 Plans	69 Operation
DEC 21	10 Romance	40 Unexpected	70 Or
JAN 21	11 And	41 Individuals	71 Howdle
FEB 21	12 Fall	42 Showdowns	72 Prefertem
MAR 21	13 Some	43 Favors	73 Attention
APR 21	14 Are	44 News	74 Experienced
MAY 21	15 Put	45 Into	75 Information
JUN 21	16 Writing	46 Year	76 Expectations
JUL 21	17 Join	47 Guard	77 Today
AUG 21	18 Sound	48 Or	78 Now
SEPT 21	19 Somewhat	49 Year	79 Should
OCT 21	20 Money	50 Now	80 Now
NOV 21	21 Long	51 Repuration	81 Spoil
DEC 21	22 To	52 Pleasure	82 False
JAN 21	23 To	53 Enjoy	83 Luck
FEB 21	24 Shun	54 Expect	84 Things
MAR 21	25 To	55 Or	85 To
APR 21	26 The	56 News	86 News
MAY 21	27 Ill	57 Special	87 Today
JUN 21	28 Force	58 In	88 Yourself
JUL 21	29 Social	59 Arive	89 Now
AUG 21	30 Short	60 Count	90 Hunches

Good Adverse Neutral

The Medical Roundup

by Walter Alvarez

Emeritus Consultant in Medicine, Mayo Clinic
Emeritus Professor of Medicine, Mayo Clinic

Treatment of Syphilis

A man past 60 writes that in his youth he contracted syphilis. In spite of much treatment, his Wassermann test has remained positive. He has never married, and this has been a sorrow to him. He says that recently he went to a university medical school where the expert on syphilis told him to quit worrying and to quit taking treatment. The doctor said that an elderly man like him, who during 40 years had had no symptom or sign of syphilis and who now had a normal spinal fluid, was not likely in his old age to develop nervous syphilis. He said that a man of this type must face the fact that in a few cases no amount of treatment will make the Wassermann test turn absolutely negative.

Under such circumstances the map should quit taking treatment. But my correspondent could not accept this expert advice; he still went about worrying, and hunting for a doctor who would treat him strenuously. Now, the unhappy man says, "I can't afford all these 'shots'; so what am I to do?" All I can suggest is that he accept the advice of the nationally-known expert on this disease whom he saw in the big university clinic. Why go to a great expert if one is not going to take his advice?

Safe Laxative?

Some people tell me they have been using mineral oil every night for years, and they say it worked well as a laxative. Now they want to know why, after it has worked so well for months or years, it has begun to come through all by itself, sometimes to soil their clothes. I don't know. Usually, I think the oil works best in the form of an emulsion. It is less likely, then, to come through the bowel unmixed with the feces. Some people get alarmed when they are told that the mineral oil eventually will injure them in some way. I once looked up the literature on this subject for some medical group, and although I found that in animals a small amount of the oil gets through the bowel wall, and remains in some lymph nodes and in the liver, I could not find any information to show that this oil ever did the person harm.

Dr. Alvarez's new booklet on menopause and hysterectomy may be obtained by sending 25 cents and a large, stamped, self-addressed envelope with your request to Dr. Walter C. Alvarez, Dept. MMT, The Register and Tribune Syndicate, Box 957, Des Moines 4, Iowa. Dr. Alvarez cannot answer requests or attempt to diagnose by mail. (Released by The Register and Tribune Syndicate, 1959)

Local Sisters Appeal For Blood for Father

Mrs. L. E. Lull and Mrs. C. S. Pixsen, both of Medford, are appealing for blood for their father, Ed Marshal, of Santa Cruz, Calif.

Their father who is in the Santa Cruz county hospital in Santa Cruz, Calif. Marshall has had hardening of arteries in his leg, which resulted in the amputation of one leg and will require the amputation of the other leg, the daughters said. He has had 12 pints of blood already and will require more.

Clearwater, Fla.—(UPI)—Joseph M. O'Mahoney, 74, former secretary of the New York Central Railroad, died Wednesday of a stroke.

Fun Galore

7093

by Alice Brooks

Won't children have fun looking at these busy tots! The fun will be yours, too, as you embroider them in gay colors.

Pattern 7093: transfer of 12 motifs 4x5 1/2 inches. Make pillow tops, pictures, curtains, linens. Tots will love them.

Send Thirty-five cents (cents for this pattern—add 5 cents for each pattern for 1st-class mailing. Send to Medford Mail Tribune, Household Arts Dept., P.O. Box 168, Old Chelsea Station, New York 11, N.Y. Print plainly NAME, ADDRESS, PATTERN NUMBER.

Our new 1959 Alice Brooks Needlecraft Catalogue has many lovely designs to order: crocheting, knitting, embroidery, quilts, dolls, weaving. A special gift, in the catalog to keep a child happily occupied—a cutout doll and clothes to color. Send 25 cents for your copy of the book.

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Business-Education Day Set in Ashland

Ashland—A business Education Day, spearheaded by the Ashland Chamber of Commerce, will be held in Ashland schools on Wednesday, Feb. 11. Stanley Jobe, Ashland school superintendent, has announced.

Jobe said he hopes about 200 people will turn out for the program which will get under way at 8:30 a.m. with a meeting at Lincoln school.

From there the businessmen would split into groups of 40 people and be taken by school bus to visit the various schools. At noon they will eat in the school cafeteria and reconvene in the afternoon at Lincoln school gymnasium to discuss any questions they might have.

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Strange As It Seems

By ELSIE HIX

THE QUEEN OF ENGLAND IS THE ONLY WOMAN ALLOWED ENTRANCE TO THE MONASTERY OF OUR LADY OF THE PRAIRIES!

—St. Norbert, Manitoba, Canada—

MYSTERY GUILT TEST

A BOWL BALANCED ON THE THUMBS OF 2 PRONE MEN REVOLVED WHEN THE NAME OF THE CULPRIT WAS CALLED OUT

SUCH A TRIAL WAS WITNESSED BY AN ENGLISH PLANTER IN MADAGASCAR. THE BOWL ACTUALLY REVOLVED FOR ONE NAME ONLY OUT OF A LONG LIST—THE EXPERIMENT WAS REPEATED 3 TIMES WITH DIFFERENT PEOPLE WITH THE SAME RESULT!

—Westward Ho Plantation, 1941—

STEVE CANYON

LI' ABNER

BUZ SAWYER

BARNEY GOOGLE and SNUFFY SMITH

BLONDIE

MUTT and JEFF

CROSSWORD PUZZLE

Answer to Yesterday's Puzzle

1-Uncouth person	8-Composition
2-Of	9-A state (abbr.)
3-Of	10-Of
4-Of	11-Emerge
5-Of	12-Victorious
6-Of	13-Declared
7-Of	14-Academic
8-Of	15-Subjects
9-Of	16-Oceans
10-Of	17-Foot lever
11-Of	18-Wipe out
12-Of	19-Insect
13-Of	20-Silly
14-Of	21-Country of Asia
15-Of	22-Withered
16-Of	23-Fairly
17-Of	24-Thrilling
18-Of	25-Wear away
19-Of	26-Grain (pl.)
20-Of	27-Negative
21-Of	28-Period of time
22-Of	29-Rodent
23-Of	30-Household pet
24-Of	31-Conjunction
25-Of	32-Duces
26-Of	33-Be bee
27-Of	34-Those to whom requests are made
28-Of	35-Answers
29-Of	36-Excitation
30-Of	37-Solar disk
31-Of	38-Musical instrument
32-Of	39-Enthusiastic tribute
33-Of	40-Pistol
34-Of	41-Less clothed
35-Of	42-Shovel
36-Of	43-Number
37-Of	44-Sharp
38-Of	45-Chapeau
39-Of	46-Plural ending
40-Of	47-Plural ending
41-Of	48-Turned down
42-Of	49-In favor of
43-Of	50-Electrified particle
44-Of	51-Rescued
45-Of	52-Biblical
46-Of	53-New Deal agency (init.)
47-Of	54-Electrified particle
48-Of	55-Burmese demon
49-Of	56-Above
50-Of	57-Above
51-Of	58-Above
52-Of	59-Above
53-Of	60-Above
54-Of	61-Above
55-Of	62-Above

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