

FARM FOREST FACTS

BY BOB BRADLEY
COUNTY EXTENSION FORESTER
OREGON STATE UNIVERSITY

An interesting account of the Christmas tree farm of W. W. Dambach in the "Cynograms" magazine tells how this individual turned unproductive land into a "goldmine". Although his farm is in Pennsylvania, many of his activities could apply here.

"As a field of agriculture, growing evergreens for Christmas trees is a very young industry. Modern production began in the Twentieth Century and has yet to reach its full stride. The depletion of open spaces and the protection of forests have created a need for plantation-grown trees. The market today is tremendous, and planted trees, properly sheared for shape and beauty, are rapidly replacing the demand for lower quality wild trees.

The land's level and rolling terrain is planted mostly to several different strains of Scotch pine and spruce. An average spacing is four to five feet for the spruce and five to six feet for the pines. As many as 1,500 pines can be planted and harvested from an acre with this spacing, and 2,500 spruce. Dambach says it takes from seven to ten years to produce a marketable Christmas tree from a seedling.

Shearing, or pruning, is practiced on all varieties from the third or fourth year until they are harvested as finished Christmas trees. This helps develop a premium tree which is dense, heavy and bushy. Because they are well shaped, have a richer green or blue color, and retain their needles longer, plantation trees command high prices at Dambach.

Thousands of seedlings are carefully nurtured in beds under slats for from two to three years before they are planted in open fields. They are protected from insect damage with malathion and other insecticides. Even with the greatest of care, about 40 per cent of the seedlings are culled before field planting as deformed or otherwise undesirable stock. Dambach says that watering is very important, and the seedlings under the slats are watered once a week in dry weather. Field-grown trees are also irrigated in extreme dry periods.

Climate Ideal

One of the first agriculture areas to go into the production of Christmas trees in a big way was western Pennsylvania. Here the climate is ideal for growing evergreens, and much of the land has been strip-mined making it useless for most other agricultural endeavor. Today many thousands of acres of formerly unsightly land have been restored to beautiful country side and productivity because of Christmas tree farming.

A pioneer among Christmas tree farmers is W. W. Dambach, who has been growing evergreens commercially for over 32 years. He started growing trees as a small boy just because he liked evergreens, and sold his first Christmas trees (about 200 to a large grocery store) when he was only 17.

A visitor to the Dambach 350-acre tree farm in Beaver County, 30 miles north of Pittsburgh, sees a vast panorama of neat rows of more than 600,000 trees in various stages of growth. The farm is called Lake Forest Gardens and is located near Fomdell.

Mowing Done

Mowing between the tiny trees after they are planted begins early and continues until they are ready for market. Most of the trees are sold within a hundred mile radius of the Dambach farm. In addition to Christmas trees, Dambach raises between fifteen and twenty varieties of trees classed as shrubs. These are sold to small nurseries in the immediate area.

The first artificial coloring of Christmas trees in Pennsylvania was started by Dambach in 1958. This is now a common practice among growers when the trees lose their color. Mr. Dambach has always been active in his chosen profession. He has served as past president of the Pennsylvania Christmas Tree Growers Association and has been a trustee of the National association.

Nitrogen Makes Difference

Lately, Christmas tree growers have been turning to the use of fertilizer to help produce better trees. Competition is increasing and the better growers, such as Dambach, are finding that the proper application of nitrogen can help them meet the increasing demands for higher quality trees.

Greatest response to nitrogen can be seen on the slower growing Norway spruce, Douglas fir, Balsam fir and the Concolor fir. An application of 12-4-0 ratio of fertilizer worked into the soil at planting time at six hundred pounds to the acre guarantees immediate response from the young seedlings. At the third year of field growth, one hundred to two hundred pounds of actual nitrogen per acre in the form of ammonium nitrate or urea will give additional growth and color to the trees. It pays to repeat this application each year until the Christmas trees are harvested.

With a continuous program of fertilization the maturity date of the trees can be shortened by one or two years. Better growth, richer color, and longer needles that don't drop off are also benefits received from applying fertilizer to Christmas trees. As Mr. W. W. Dambach puts it, "... Nitrogen is the difference between night and day in growing Christmas trees, particularly on poor land."

Free Sympathy Goes to East

By OSWALD JACOBY
(Written For NEA)



The late Louis Watson once conceived the idea of making a fortune by offering to listen to any bridge story for one dollar and to give sympathy if given a double fee.

I was reminded of that when West came to me with his hard luck story. He started by telling me his hand and asking, "Everyone vulnerable. Your partner opens two spades. Second hand bids two hearts. What do you do?"

Before I could reply he gave me all the bidding up to his double of seven hearts and said, "Naturally, I led my deuce of clubs. South's ace picked my partner's king. South drew trumps, finessed against my partner's jack of clubs and made his contract. Do you think loss."

My full sympathy goes out to poor East and I am sure even Watson would have failed to charge for sympathy had East come to him for condolences.

East picked up a beautiful hand and bid right up to six spades. He would have had no trouble making it, but South went to seven hearts whereupon West doubled and picked out the one opening lead that that gave South the contract.

Of course, had West made his normal spade lead, South might still have guessed the club situation, but the chances are that he would have taken a simple finesse and gone down two tricks. East and West still would not have been happy, but at least they would have shown a profit rather than a 2,470-point loss.

NORTH 13		EAST (D)	
♠ Q3	♠ KQ86	♠ A J 8 7 6 5 2	♠ None
♠ 4	♠ 10 9 7 6 5 4	♠ A Q 8	♠ K J 3
♠ K 10 9 4	♠ J 2	♠ A Q 8	♠ K J 3
♠ J 2	♠ K 9 7 6 5 3	♠ A Q 8	♠ K J 3
♠ K 9 7 6 5 3	♠ 4	♠ A Q 8	♠ K J 3
♠ 4	♠ 2	♠ A Q 8	♠ K J 3
SOUTH			
♠ None			
♠ A 10 9 7 5 4 3			
♠ J 10 2			
♠ A Q 8			
♠ K J 3			
Both vulnerable			
East	South	West	North
1 ♠	2 ♠	2 ♠	3 ♠
4 ♠	5 ♠	5 ♠	6 ♠
6 ♠	7 ♠	Double	Pass
Pass	Pass	Pass	Pass
Fanning lead—♠ 2			

Learn the Jacoby system with your copy of "Win at Bridge With Oswald Jacoby." Just send your name, address, and 50 cents to: Oswald Jacoby Reader Service, c/o this newspaper.

CARD SENSE

Q—You, South, open the bidding with: ♠ A K Q J 9 7 3 2 ♥ 2 ♦ 4 3 ♠ 6 6 4

What is your bid?

A—Bid four spades. You have eight sure tricks and no defense against your opponents in case your partner holds a bad hand.

TODAY'S QUESTION

Your partner raises to five spades. What do you do now?

Answer Tomorrow

Vital Statistics

Marriage Licenses

Douglas Lester Nielsen, Roseburg, and Inas Lee Dillard, St. Louis, Mo.

William Elshia Sutton Jr. and Frankie Ann Ross, both Winston.

James Eugene Pinnell, Ridge, and Laura Jean Cressey, Myrtle Creek.

Wilbur Warren White and Esther May Slyter, both Days Creek.

Lynn Maynard Vincent and Christine Marie Oldaker, both Roseburg.

Loren Douglas Ray and Diane Kay Siegfried, both Sutherlin.

Ronald Rocall Poe and Barbara Joan Probst, both Sutherlin.

James Russell Cline and Dora Florence Christensen, both Winchester Bay.

Clinton Ray Boyer and Betty Lois Ledbetter, both Winston.

Oscar Harry Simmons, Roseburg, and Nola Rae Buchholz, Winston.

Leland Frank Oliver, Roseburg, and Alene Ora Wallace, Portland.

Glenn Russell Cossey and Mary Patricia Walters, both Lakeview.

Michael Gary Ruppell, Drain, and Edith Jean Peters, Cottage Grove.

Glendale Adventists List Aid Projects

Spokesmen for the Glendale Seventh-day Adventist Church have announced that their 60th Ingathering Appeal realized its goal of \$400 and that the fund will be used for medical, educational and welfare work both in the United States and abroad.

Local projects include the maintenance of an assistance center by the local Dorcas Society. Forty-six persons were assisted during the past year. In order to continue this work, the society collects used clothing and bedding which can be used by persons who have suffered a loss by fire or who have financial need. Anyone having clothing or usable materials which they wish to donate may contact any member and it will be picked up.

CASH DOESN'T KEEP

NEW BRUNSWICK, N. J. (UPI)—The Marine Bar was out \$1,800 in cold cash recently after being held up earlier by two gunmen.

The money had been kept in the refrigerator.

ADDRESSES CONGRESS

WASHINGTON (UPI)—President Antonio Segni of Italy will address a joint session of Congress Wednesday during his five-day state visit here, Sen. John O. Pastore, D-R.I., said recently.

Movie Showtime

Monday, Jan. 13, 1964

INDIAN THEATRE — Doors open at 7 p.m. Complete show at 7:15. "West Side Story" at 7:35 only.

GRAND THEATRE (Sutherland) — "Spencer's Mountain" at 7:35 only.

Tuesday, Jan. 14, 1964

INDIAN THEATRE — Doors open at 7:00. Complete show at 7:15. "West Side Story" at 7:35 only.

GRAND THEATRE (Sutherland) — "Spencer's Mountain" at 7:35 only.

Calendar Of Events For Today And Tomorrow

Monday, Jan. 13

Buckeroos, workshop at the barn 8-10 p.m.
1421 SE Micelli.

Winston-Dillard Kiwanis Club dinner meeting at Junction Cafe, 6:30 p.m.

Roseburg Limmarettes (TOPS Club) 8-10 p.m. at Faith Lutheran Church.

Navy Reserve, Naval Reserve Facility, 1624 W. Harvard.

Knights of Pythias, Pythias Hall, 8 p.m.

Timber Town Duplicate Bridge Club 7:30 p.m. For information call Mrs. Walter Ulrich, OR 2-1468, or Mrs. John Davenport, OR 3-8278. Master point play every third Monday.

Women For Columbia, 7:30 p.m. home of Mrs. George James. For information call Mrs. Elton Sullivan, 672-3971.

Golden Age Club, Veterans Memorial Building, 7:30 p.m., sack lunch, visitors welcome.

Roseburg Business and Professional Women's Club, dessert supper and initiation of new members, at The Broiler, 715 SE Cass St., 8 p.m.

University of Oregon Mothers and Dads Clubs, joint meeting at high school library to hear panel on conduct code at university, 8 p.m., all parents invited, refreshments.

Elkton School Board, at the high school, 8 p.m.

Douglas Community Hospital Auxiliary, home of Mrs. Roy Hanford on Melrose Road, 10 a.m., quarterly meeting, election of officers.

Glide PTA, open house at new elementary school building, 8 p.m., refreshments.

Roseburg Art Association, 880 SE Jackson St., 8 p.m.

Green Sanitary District, board of directors, district office, 8 p.m.

Poseburg Junior Academy, board meeting at school, 8 p.m.

Gold Star Mothers, 1269 SE Main St., 1:30 p.m.

Hucrest PTA, at the school 7:30 p.m.

Riddle Bethel Job's Daughters, Masonic Temple, 7:30 p.m.

Women of the Moose, Moose Hall, 8 p.m.

Valentine Chapter 98, Order of Eastern Star, Myrtle Creek.

Roseburg City Council, City Hall, 7:30 p.m.

Tuesday, Jan. 14

Buckeroo Square Dance Lessons, 8:10 p.m. at the Barn, Curley Reynolds instructor, for information call 672-2822 or 673-3124.

Southern Oregon Cutting Club, 7 p.m. at Douglas County Fairgrounds.

Early Birds Duplicate Bridge Club, 9:30 a.m. at Elks Club in Myrtle Creek. Anyone with less than 20 master points will welcome. For information or partners call Mrs. W. D. Fritt or Mrs. Alf Hanson in Myrtle Creek or Mrs. Walter Ulrich in Roseburg.

Roseburg Duplicate Bridge Club, Umpqua Hotel, 7:15 p.m., open club, all bridge players welcome. Anyone desiring a partner call 673-4568.

Roseburg Kiwanis Club, Umpqua Hotel Civic Room, noon.

Sutherlin Methodist Church, choir practice, 7:30 p.m.

Glide Kiwanis Club, 7:30 p.m.

Alcoholics Anonymous, 424 NE Winchester, 8 p.m. for information call 673-6529.

Associated Volunteers card party, Veterans Hospital recreation building music room, 7:30 to 9:30 p.m.

Old Highway 99 S., 7:30 p.m. Dillard - Winston Methodist WSCS, Mary Circle, 8 p.m.

Dillard School Board, at Winston School, 8 p.m.

Douglas County Employees Council, Room 216, courthouse, 7:30 p.m.

Roseburg Council of Church Women, library room at First Presbyterian Church 9:30 a.m. Badoura Club, Daughters of the Nile, 7:30 p.m.

Drain City Council, City Hall, 1 p.m.

Sutherlin School Board, district office, 110 E. Central Ave., 7:30 p.m.

Douglas County Mounted, courthouse auditorium, business meeting, 7 p.m.

Fair Oaks Grange, at the hall. Bertha Rebekahs 188, 100F Hall, Canyonville.

Post Partum Class, Mercy Hospital.

Lookingglass Grange, at hall, 8:15 p.m. business meeting.

Roseburg Jaycees, Turn Around Inn, 6:30 p.m.

Social Order of Beauceant, Masonic Hall, 8 p.m.

Elkton Family Makes Trip

By MRS. C. W. HENDERER

Mr. and Mrs. Dale Swinehart and family of Elkton have returned from California where they spent the holidays with relatives in Diamond Bar, Whittier, Modesto and Los Angeles.

Mr. and Mrs. Warren Endicott of Portland are the parents of a baby girl born Dec. 31. She was named Marcella Elaine and weighed 7 pounds, 8 ounces. Grandparents, Mr. and Mrs. Ray Hoffman of Elkton spent the weekend in Portland visiting their new granddaughter.

Mr. and Mrs. Gilbert Binder and Mrs. Clara Riley returned recently from Los Angeles where they spent the holidays with Mr. and Mrs. Vick Scholts and family.

Charles Jeffcoat spent two weeks with his family during the holidays. He is stationed in San Diego, Calif., with the Navy.

Mr. and Mrs. Francis Mode and family returned recently from a three-week trip to Auldenville, Pa., where they visited with friends and relatives. They stayed at the home of Mrs. Mode's mother, Mrs. Anna Gustin.

Mr. and Mrs. Stanley Vectors of Portland were recent house guests at the Martin Suloff home.

Dewey Hudson, son of Loyd Hudson, recently spent the weekend at the Martin Suloff home visiting his grandmother, Mrs. Agnes Hudson whom he hadn't seen in 12 years.

TWINS SLOW STORK

MADISON, Wis. (UPI)—The stork won one race and lost another recently in the arrival of twin daughters to Mrs. Carl Sather, 40.

One of the twins was born in Mrs. Sather's home. The second was born at University Hospital. All were in fine condition.

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Radio & TV Programs

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KPIC-TV — Ch. 4 MONDAY THROUGH FRIDAY

7:00—Today
8:00—Two Early
9:00—Public Service (Tues-Fri)
9:15—ED TV (Tues-Fri)
9:30—9:30 Public Service (Mon only)
9:30—Word for Word
10:00—Concentration
10:30—Missing Link—col.
11:00—You, First Impression—Color
11:15—News
11:25—News
11:30—The Doctors

KBS-TV — Ch. 5 MONDAY THROUGH FRIDAY

7:00—Captain Kangaroo
9:00—Morning News
9:30—Love Lucy
10:00—The McCoys
10:30—Pete and Gladys
11:00—Love of Life
11:25—CBS News
11:30—Search For Tomorrow
11:45—Guiding Light
12:00—News

KOIN-TV — Ch. 6 MONDAY THROUGH FRIDAY

7:00—Sunrise Semester
7:30—Morning Forecast
7:55—Captain Kangaroo
8:30—Father Knows Best
9:00—Search For Tomorrow
11:45—Guiding Light
12:00—News

KEZI-TV — Ch. 9 MONDAY THROUGH FRIDAY

8:30—Cartoons
9:00—Jack Lalanne
9:30—Merrill Lynch
11:00—Price Is Right
11:30—The Object Is
12:00—Seven Keys
12:30—Father Knows Best
1:00—Tennessee Ernie
1:30—Educational TV
2:30—Day in Court

KRN 1490 KC.
18-Hr. Programming
CBS Network
music, news, weather.

KOEN 1240 KC.
6 A.M. to Midnight
ABC Network
music, news, weather.

1:00—Loretta Young
1:30—You Don't Say
2:00—Match Game
2:15—Afternoon Sport
2:30—Ben's Kitchen (Fri)
2:30—Make Room for Daddy (Mon-Wed.)
2:30—Be My Guest (Tues & Thurs)
3:00—Social Security (Mon. only)
3:00—Spectator Matinee (Wed thru Fri)
3:15—TV Politics (Mon. only)
3:30—Wire Service (Mon. only)
4:00—Lone Ranger
4:30—Mr. Novak
5:00—Capt. Shearman

MONDAY

5:30—The Bitterman
6:00—Northwest News
6:30—Huntley-Brinkley

1:30—House Party
2:00—To Tell The Truth
2:15—News
2:30—Edge of Night
3:00—Secret Storm
3:20—Who Do You Trust
4:00—Trailmaster

MONDAY

5:00—The Alvin Show
5:30—Rin Tin Tin
6:00—Cartoon Clubhouse
6:30—CBS News
7:00—Wagon Train
8:00—Lucille Ball
9:00—Danny Thomas

12:05—Hi Neighbor
12:30—As The World Turns
1:00—KOIN Kitchen
1:30—News
2:00—To Tell The Truth
2:30—Edge of Night
3:00—Password
3:30—Cartoon Circus
4:11—Berry Show
4:30—Newsweek
6:30—Crunkie News

MONDAY

7:00—Trails West
7:30—To Tell The Truth

2:55—Lisa
3:00—Hospital
3:30—Queen For A Day
4:00—Major Adams, Trailmaster
5:00—Cartoon Clubhouse
5:30—Mickey Mouse

MONDAY

6:00—News Nine
6:15—News
6:30—Whirlybirds
7:00—Bachelor Father
7:30—The Outer Limits
8:30—Wagon Train
10:30—Breaking Point

7:00—Lilting Hobo
7:30—Monday Movie
9:30—The Deputy
10:00—The Defenders
11:00—Report

TUESDAY

5:30—Cartoon
6:00—Northwest News
6:30—Huntley-Brinkley
7:00—Teen Date
7:30—Red Skelton
8:30—You Don't Say
9:00—Richard Boone Show
10:00—Telephone Hour
11:00—Report
11:15—Tonight Show

9:30—Andy Griffith
10:00—Breaking Point
11:00—News First

TUESDAY

5:00—Sky King
5:30—Quick Draw McGraw
6:00—Channel 5 Report
6:30—CBS News
7:00—Deputy
7:30—My 3 Sons
8:00—Red Skelton
9:00—Pettycoat Junction
9:30—Jack Benny
10:00—Garry Moore Show
11:00—Night-Cross
11:15—The Texan

8:00—I've Got a Secret
8:30—The Lucy Show
9:00—Danny Thomas Show
9:30—Andy Griffith Show
10:00—East Side/West Side
1:00—Night-Cross
11:15—Yancy Derringer

TUESDAY

7:00—Cain's Hundred
8:00—Red Skelton Hour
9:00—Pettycoat Junction
9:30—Jack Benny
10:00—Garry Moore Show
11:00—Night-Cross
11:15—The Texan

11:00—News
11:15—News 9 Final
11:20—Late Show

TUESDAY

6:00—News Nine
6:15—News
6:30—The Rebel
7:00—Lee Marvin
7:30—Contest
8:30—McHale's Navy
9:00—The Greatest Show on Earth
10:00—The Fugitive
11:00—News
11:30—The Late Show

8:00—KYES 950 KC.
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