CONTROL OF BROWN ROT IS EXPLAINED

Brown rot of peaches and prunes and other stone fruits may be controlled or held in check by the use of sulphur dusts and sulphur sprays if applied three to four weeks before harvest. Dusting sulphur should be sufficiently fine so that 95% will pass through a 325-mesh screen. The finer the sulphur the more effective it is in the control of brown rot.

Where peach and prune growers do not have a dusting machine available, dusting sulphur may be applied with water, often called wettable sulphur sprays. The same dusting sulphur is used with water as in dry dusting but the sulphur is mixed with a small quantity of water to make it paste and then added to the water in the spray tank and is kept in suspension by agitation. Seven to ten pounds of dusting sulphur should be used to each hundred gallons of water if wettable sulphur sprays are to be used. If the dry dusting sulphur is used with a duster, as much as 50 to 100 lbs. per acre may be necessary, depending upon the size and age of the trees.

If weather conditions are favorable to the development of brown rot, more than one dusting may be required to give satisfactory control measures. Peaches should be dusted when they begin to show color which is usually four to six weeks before harvest. Growers should remember that the finer high grade sulphur dusts give the best results, are more economical and cheaper in the long run. Coarse sulphur dusts are not adapted to dusting or wettable sulphur sprays and should not be used even though somewhat cheaper in price.

CROP INSURANCE PLAN SIMPLIFIED

CORVALLIS, July 18.—(AP)—A simplified, improved federal crop insurance program for 1940 based upon the general pattern of the 1939 law has been approved at Washington, state AAA officials said here.

Provisions have been made to allow advances for premiums against future payments under the AAA. The plan was used by some spring wheat growers this year.

The report from the department of agriculture said loss data would be figured through the nine-year period, 1930 to 1938, rather than the shorter base period used last year. More details of writing insurance, establishing yields and premium rates will be handled in the counties. The policy will be written upon application.

Adoption of improved farming methods such as irrigation of summer fallow will be recognized in more favorable rates and higher insurable yields.

N. C. Donaldson, state AAA executive officer, reorted today 87 per cent of Oregon's crop land will participate in the government farm program this year. The applications of 42,000 farmers who operate 3,806,000 acres were the highest on record.

Around the County

TENMILE

TENMILE, July 14—Mr. and Mrs. Tom Godfrey, Mettie Cabot and Mrs. Bertha Divine and daughter, Marie, attended gospel services at the old school house Monday evening.

Misses A. and G. Packett, traveling evangelists, who are holding gospel services in the old school house in Tenmile, were guests of Mrs. Nettie Cabot Monday afternoon.

Mrs. Lena Rowell has infection in her left hand.

James Homolka was helping Earl and Gean Ollivant of Olalla harvest their hay crop last Tuesday.

Mrs. Lyle Robertson and son, Keith, were visiting her sister, Mrs. Mildred Gladwell and family in Roseburg on Monday.

Stanford Buell's hay baler was working in the valley this week. Among those who have their hay baled are Ralph Howard, Herbert Crowley and Fred Breitenbucher.

Dr. Snell and Amil Mattson were attending to business in Roseburg Wednesday.

Mr. and Mrs. Lawson and family of Salem spent the week-end visiting Mrs. Lawson's mother, Mrs. Minnie Rathkey.

Otto Huebner and Howard Erbe were binding oats for Jim Divine last Monday. They are now binding grain on the Howard Erbe farm.

Elbert Smith was shopping in Roseburg last Monday.

Mrs. Louise Breitenbucher from Brewster was shopping and visiting friends and relatives in Tenmile Saturday. She returned to her home at Brewster Sunday morning.

Mrs. Rilla Hahn is among those who have their homes wired for electricity in the valley.

SUTHERLIN

SUTHERLIN, July 17—Miss Letty Louise Murphy and William Miller of Umpqua were married Monday morning at 9 o'clock in the courthouse in Roseburg by Judge R. W. Marsters. Mrs. Anna Good, Genevieve Lansing and Irene Murphy attended. After a honeymoon to Vancouver, B. C., they will be at home to their friends on a little farm five miles south of Roseburg.

Mrs. M. E. French, Mrs. Orville French and Beth Marie Holmes visited with Mrs. Leslie Chapman at Drain Wednesday.

Miss Jean Arlene Harris of Bellingham, Wash., accompanied her mother, Mrs. Herman Hugh, here last week to make her home.

L. A. Cooper was home on a short visit from California on Wednesday and Thursday.

Mae and Goldie Middleton of Calgary, Alberta, cousins of Lawrence Robertson stopped to visit the Robertsons for a short time this week while on the circular tour which takes in both fairs in the United States.

Mrs. Todd Gilbreath shopped in Roseburg Tuesday.

Will Haymer made a business trip to Myrtle Creek Thursday.

A baby girl, weighing 6 pounds, was born to Mr. and Mrs. Lloyd Quimby in the hospital in Roseburg Sunday morning.

Mrs. Owen Rose and Mrs. Howard Wahl were business visitors in Roseburg Thursday.

Miss Josephine Kincart and Lloyd DeYoung, both of Cottage Grove, were married in Reno, Nevada, July 10. They will make their home in Cottage Grove. Mrs. De Young was formerly a Sutherlin girl.

Mrs. Claude Allen of Cottage Grove visited in Sutherlin Friday and attended the shower for Mrs. Vern Holgate.

Mrs. Edgar Shirley returned home Wednesday from a few days' trip to Grants Pass where she visited three of her sisters.

Mrs. James Manning and son of Washington left Thursday after a two weeks' visit with Mrs. Tom Thornberg and family.

Ralph Berry left Thursday for Los Angeles where his parents live. Ralph has been making his home with his grandparents, Mr. and Mrs. Hecathorn.

Mrs. John Jonston and children, John and Robin, left for Newsport Monday for a week's visit with a former school friend before returning to their home near Chiloquin.

Oscar Sigismund and daughter, Helen, of Eugene were business visitors in town Wednesday.

Miss Kathleen Ross, who attends school at Linfield college, is home for her vacation.

Henry Denbey went to Eugene Thursday to purchase some supplies for the Ford Lumber Co. to be used where they are logging up the Calapooia.

Mr. and Mrs. Clarence Keith, who have a sawmill several miles out of Eugene were visitors here this week. Clarence Keith is a brother of Edgar who was recently injured while loading lumber.

Mrs. Frank Hammond, mother of Mrs. Joe Carstenson, is improving in Mercy hospital in Roseburg.

Miss Opal Cecil was taken to Mercy hospital for a few days last week due to an attack of appendicitis.

Mrs. Maude Vogelpohl spent the last week-end in Roseburg with Mrs. Lucy Tisdale.

Mrs. Lois Bryant, nee Lois Reid, of Seattle, is visiting her sister, Mrs. Mable Ross, and family.

Mrs. Dick Wilmot and son, Jack, left Thursday for Palo Alto where they will make their home for a time.

"Shorty" Robert, long a resident of Sutherlin, died Monday afternoon in a hospital in Portland. Interment took place in that city.

Mr. and Mrs. Joe Gascon and children, Sammy and Frances, who have been living at Camp Zenith, plan to move soon to their camp home on Cook creek, where Mr. Gascon is employed with the Ford Lumber Co.

John and Wayne Musgrove spent Friday afternoon at the public playground in Roseburg.

Gene and Jackie Culver have come to their grandparents, Mr. and Mrs. Clarence Thompson, of Umpqua, for a visit.

Chassenee, 16th century French jurist, made an eloquent plea in behalf of some rats accused of destroying the barley crop, and when they were cited to appear in court, he said that they should be excused, since the presence of cats in the neighborhood made it unsafe for them to appear.

In Brazil and Venezuela, prospectors for iron ore often discover rich deposits by a certain type of orchid which thrives in the iron-bearing soil.

OUR BOARDING HOUSE with Major Hoople

BYRD GIVES PLANS FOR ANTARCTIC DASH

BOSTON, July 18.—(AP)—Rear Admiral Richard E. Byrd, disclosing plans for his coming land-claiming expedition in the Antarctic, said today six army tanks and a unique 45,000-pound snow cruiser would be used for transport over the south pole's icy wastelands.

The explorer, whose projected expedition to the land now being eyed by Germany, Great Britain, France and Norway, is backed by $350,000 of U. S. government money, said the tanks, minus guns, would be more effective than tractors on the snow and ice because of wider and longer treads.

The snow cruiser, developed by Dr. Thomas Poulter of Chicago, would carry four men and an airplane and would be extremely mobile and easy to manipulate under the difficult conditions found in Antartica.

Nazi Rivalry Looms

Byrd told interviewers he felt his expedition, scheduled to leave Boston in three icebreakers in October, was extremely important because of the continent's strategic location. He pointed out Germany already claimed part of the continent and was reported to be planning a new expedition with an aircraft carrier.

"I think that part of the Antarctic in the western hemisphere should be brought under the Monroe doctrine," he asserted. "The northernmost tip of Antartica is only 600 miles from the southern tip of South America or within flying distance. It would be possible to fly to Australia via Antartica."

He said he would seek to establish United States' claims by survey and occupation, explaining that the section of the icy continent west of the zero meridian would be explored generally, with special emphasis on the unexplored area between Little America, famous base camp of his two previous trips, and Palmerland, northern tip of the region.

HOP MARKETING DESIRE EXPRESSED

PORTLAND, July 18.—(AP)—Only 150,000 bales of Oregon, Washington and California hops will be sold this season if Agriculture Secretary Wallace adopts a recommendation of the Pacific coast hop control board.

Wallace will set allotments after the control board and growers meet in Yakima, Wash., next Tuesday, in Salem July 14 and in Santa Rosa, Calif., July 17. The board made its recommendation yesterday.

Hop yard estimates of individual growers' yields started today in the three states, under supervision of C. W. Paulus, managing agent. He said the survey probably would be completed July 22.

Wallace also was asked by the board to schedule public hearings on a new hop marketing agreement in October or November, since the present agreement expires at the end of the 1939 growing season.

ODDITIES

(By the Associated Press)

Relief for Two

CARBONDALE, Pa.—A transient, accosting Mayor William L. Monahan, complained his soleless shoes made his feet "terribly sore."

The mayor took him into city hall, slipped off a pair of brand new brogans and said: "If they fit, they're yours."

They did, and the man walked out mumbling his thanks.

"They've been pinching me for three days," sighed the mayor.

Iron Man

GREENUP, Ky.—John Holley wouldn't let a little cranial needlework stop him.

Thrown through the windshield of an automobile in an accident, Holley suffered head cuts so severe Dr. H. H. Holbrook took 75 stitches to close them. The work required two hours.

Then Holley, a merchant at nearby Rush, Ky., resumed his trip home.

Excused

MUSKOGEE, Okla.—Frank Baird, Willburton bank cashier, was slated for grand jury duty.

In rushed an embarrassed federal court official, whispered a few words to the judge. Baird was excused.

The jury indicted Baird for embezzlement.

Birth Certificate

OGDEN, Utah—"We want to see your marriage license," said the male half of a middle-aged couple.

County Clerk Lawrence Malan finally found it.

"Thanks. I just wanted to see how old I am. I want to apply for a pension."

LEGION ASPIRANT LOSES BY 1 VOTE

SALEM, July 18.—(AP)—A resolution endorsing the candidacy of H. H. Bassett, Salem attorney, for national committeeman of the American Legion was rejected 29 to 28 last night by Capital post, No. 9, but the rejection does not eliminate his candidacy at the state Legion convention here August 10-12.

Other candidates for national committeeman are Joe Chamberlain of Corvallis, past Oregon department commander, and E. L. Knight, present department commander.

Fifty per cent of the people in the world still carry amulets or other charms to protect them against bad luck, evil spirits, and sickness, it is said.

● SERIAL STORY

BORDER ADVENTURE

BY OREN ARNOLD

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CAST OF CHARACTERS

Betty Mary Jordan—Pretty young young border patrol service secretary.

Sheridan Starr—Handsome border patrol officer.

Hope Kildare—Starr's fellow officer, also a bachelor.

Luis Barro—Mexican smuggler.

* * *

Yesterday: Arriving in El Paso to check on the Luis Barro smuggling case, Betty Mary is challenged to investigate herself! Later, Hope Kildare detects something suspicious about an old woman in the city jail.

CHAPTER II

Talking things out and acting together Sheridan Starr and Hope Kildare had been close associates since they were 10 years old. As schoolmates they had lived on adjoining ranches near Henderson, Texas, and as "buddies" still later they had written their names jointly on Texas Christian university's hall of football fame. Next they had naturally moved together after graduation and so found themselves both working for Uncle Sam.

Work on the U. S. border patrol, a dignified career, held the freedom of outdoors plus the zest of action. It was a public service spiced heavily with danger, and it left little or no time for the gentler social affairs. Content now with their friendship anyway, Hope and Sheridan had remained thorough bachelors; often they had boasted good-naturedly that they were "immune" to feminine wiles. But that was before Betty Mary Jordan came along.

Sitting together now on an iron bench in front of the El Paso police headquarters, the two young officers were in better mood than they had been two hours earlier. Initial resentment at Betty Mary's arrival had changed to a feeling of responsibility.

"There's not a thing to do but wait," Sheridan was saying. "You darn sure it was Miss Jordan?"

"Positive! She gave me the high sign herself." Hope spoke intently.

"Um. Nothing slow about that gal. And grea-a-a-a-a-at day, Hope, my son, she's pretty, that little trick is!"

"I'm not blind," said Hope. "When do you reckon she'll come out?"

"No telling. And while I don't know what you aim to do, Hopey, me, I'm going to camp right here!"

"I'll watch the back door," said Hope, departing.

"Right," Sherry agreed.

* * *

They had begun their vigil about 5 p. m. At 7, Sherry bought a dozen tamales from a passing peddler, sent another dozen around back of the building to his friend.

At 10:20 o'clock Sherry walked to the corner of the building, gazed up at the crescent moon as it bored. Then he yawned and patted his hat on tight—pat, pat, pat—walked back and sat down again. In five minutes Hope joined him, coming through the building. The hat tapping was their private sign meaning "come on" or "it's time to move." They got in their government car and drove away.

"Where's she?" demanded Hope instantly, peering at the dimly lighted sidewalk.

"About three blocks yonder. We'll circle."

They drove a mile and came up behind her, an old Mexican woman, face bowed deeply in a black shawl. A few other Mexicans loitered up and down the semi-residence street.

"She's got to see us, but we can't recognize her," Hope avowed. "Stop a minute at that Mexican bottica yonder."

Sherry, driving, pulled up in front of the drug store. Hope left the car near the woman in black, bought cigarets, came back and reentered the car. In a moment they sped away as if on important business of their own. "Los Federales" were thus likely to be seen any hour day or night about the streets of El Paso.

By artful dodging, turning and bluffing they trailed her for half an hour. She sat down to rest once on a park bench. Then after 20 minutes she walked circuitously to the alley back of El Paso's famed Paso Del Norte hotel, poked tentatively in some garbage cans where she apparently found a crust to eat. She lingered there 10 minutes. Then she looked right and left, slowly, saw no one, and entered the hotel kitchen door.

* * *

Within another 10 minutes, the radio speaker in the inspectors' patrol car began calling:

"Consolidation. Consolidation. Consolidation . . . Consolidation. Consolidation. Consolidation . . . "

"That's us!" Sherry Starr whispered, slowing the car down the better to hear. "Our code call."

"Consolidation. Consolidation." The droning came again. Then — "Cherokee. Cherokee. Cherokee. That is all."

Without a word Sherry swung his car faster down Stanton street, where they had been cruising, and headed for the Cortez hotel. The two men parked, went inside to a private telephone booth. Within 60 seconds they had Betty Mary Jordan on the wire.

"Are you all right?" Sheridan demanded at once.

"Certainly!" she laughed. "And thanks for hovering over me. Don't be too obvious with it, though. Now listen—there's a shipment, contrabando and probably aliens too, crossing either tonight or tomorrow night in San Felipe Canyon. And it's Luis Barro's!"

"Say! Starr exclaimed, in subdued tone. "Okay! But how do you know? You sure?"

"Never mind that. I'm sure, Mr. Inspector. At least sure enough to tip you off. Do you want the tip?"

"Absolutely! But it's after midnight now, Miss Jordan. And San Felipe Canyon is 20 miles from here!"

"Then you'd better get going. Good night!" She hung up on him and Sheridan looked foolishly into the receiver itself, as if trying to see her. Then he came out of the phone booth to tell Hope.

"Whew!" Hope breathed, learning the news.

"Yep. Now listen. We'll phone out to the Marcial ranch to have a couple of horses ready. It's still six miles from there. We couldn't go more than another mile in the car, and after that horses would come in plenty handy."

"Right. Let's get at it."

* * *

It took Sherry 20 minutes to arouse the Marcial ranch owner and arrange for the saddled horses. Old Don Mario Marcial was a staunch friend of the border patrol, had aided them on numerous occasions. But he was so meticulous and polite in conversation that one could never do business fast with him. He really lived the traditional languor of the Spanish southwest.

"Anyway Betty Mary's safe in the hotel," Hope mentioned, when they were back in their car, heading out. "That's off our minds."

"Yep, for a fact."

"It looks to me like she called our bluff, 100 per cent. We dared her to help catch Barro, and she pitched right in."

Hope's tone held definite pride. He reached to thump his hat far back on his head. He was not quite as large as Sheridan Starr, nor quite as tall, but he was every bit as handsome. And he could outshoot Sheridan a little in target work. Youngest of the 300 or so officers who guard Uncle Sam's southwestern frontier, these two also were perhaps the most audacious.

"Tell you what, Sherry," Hope Kildare grinned a bit, in strange embarrassment. "There's no need of us kiddin' ourselves. Now—uh —"

"Hunh?"

"I say we might's well understand each other, Sherry. We aren't either one dumb. Now, the fact is, this Betty Mary's got what it takes. And—uh, well, I tell you, I'll match you to see which one asks her for a date first. Say Saturday night. Hunh?"

Sheridan Starr smiled broadly. He kept staring straight ahead through the windshield.

"No soap," he finally drawled. "I already asked her for a date. For Saturday night. I, uh, while we was sitting there at the police station waiting, I phoned—I was going to tell you, Hope—I phoned up some flowers for her, and sent a boy with a note to go in 'em. She's probably smelling 'em by now, I imagine."

Hope didn't say anything. He was driving, and the road was very rough now anyway. He didn't even smile.

(To be continued)

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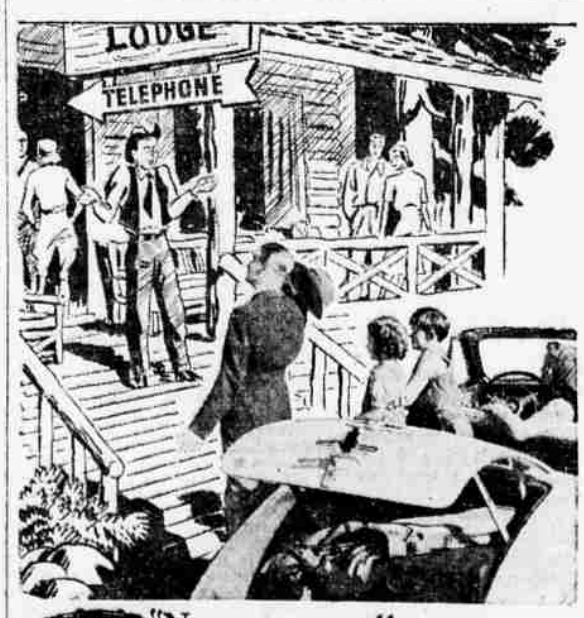

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