

Saddle Club Holds First Meet Today

The Salem Saddle club will engage in its first program of the winter today at the Fairgrounds stadium. Flat saddle events will make up the meet which gets started at 2:30 p.m.

Events include a three-gaited class, five-gaited class, bridge path hacks, matched pairs, scurry and a class of seat and hands.

American Horse Shows association rules will govern all events, according to Graham Sharkey, club official.

Riders in the various events will include Gov. Douglas McKay, Al Inglis, Margorie Woods, Peggy McKee, Charlen Woods, Blanche Anusien, Ella Durke, Wanda O'Brien, Vada Carson, Jack Scott, Mr. and Mrs. Holly Jackson, Irvin Ward, Judy Seamster, Jean Smith, Judy Burdette, Bus Youngquist, Rodney Hofstetter, Mary Mollert, Grace Carman and Grace Rohland.

Tuck Higgins will be judge of the events and Mel Lambert will act as announcer.

The program is open to the public.

Handicap Won By Palestinian

ALBANY, Calif., Dec. 15 (AP)—Charging to the front in the stretch, Palestinian, the favorite, won the \$25,000 added Golden Gate handicap at Golden Gate fields today. The time for the mile and one-eighth was 1:48. Simonze raced second and Moonrush, winner of the Santa Anita handicap, was third after setting part of the pace.

ONE AGAINST FIVE
SNOW HILL, Md., Dec. 15 (AP)—Margaret Ann Pusey scored 51 points in a basketball game last night but it wasn't good enough. Her team lost to the Snow Hill high school girls 57-58.

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2855 Fairgrounds Rd. — Just before you get to the Hollywood Stop Light!

Music Hath Charms—Aids Hoop Play, Too

PHILADELPHIA, Dec. 15 (AP)—A girls' basketball clinic today tested the effect of music on competitive basketball. No official decision was announced.

City Hoopers In 2nd Week

City League basketballing will go into its second week of the season Tuesday and Wednesday nights at Leslie Junior High. Three games are to be played each night.

After the first full week of play the Campbell Insulators and Walgamott Servicemen are out in front with perfect 2-0 records. The 12th Street Marketeers have a 1-0 mark, as does the Salem News Agency. All other entries have suffered setbacks.

Tuesday's round, starting at seven o'clock, Salem Auto Parks vs. National Guard, Keizer Merchants vs. Salem News Agency and Cannery Local 670 vs. 12th Street Market. On Wednesday night, also starting at seven o'clock, Campbell's Insulators vs. Salem News Agency, Keizer Merchants vs. Cannery Local and Walgamott's vs. Cribb's Loggers.

Furgol Nabs Lead In Havana Meet

HAVANA, Dec. 15 (AP)—Marty Furgol of Lemont, Ill., took the lead today at the end of the 54 holes of play in Havana's 72-hole invitation golf tournament with a card of 203.

Besides heading the list of 28 top United States golfers, Furgol today won the pro-amateur 54-hole competition. He paired with amateur, Enrique Mendoza, for the \$1,200 first prize with 187.

Table of Coastal Tides

Tides for Taft, Oregon, December, 1951 (compiled by U.S. Coast and Geodetic Survey, Portland, Ore.)

Dec.	HIGH WATERS		LOW WATERS	
	Time	Ht.	Time	Ht.
16	3:15 a.m.	5.2	7:47 a.m.	3.7
	1:25 p.m.	6.8	8:54 p.m.	4.3
17	3:57 a.m.	5.2	8:33 a.m.	3.7
	2:04 p.m.	6.4	9:29 p.m.	4.1
18	4:34 a.m.	5.4	9:26 a.m.	3.7
	2:48 p.m.	6.0	10:04 p.m.	3.3
19	5:08 a.m.	5.5	10:28 a.m.	3.5
	3:38 p.m.	5.5	10:40 p.m.	3.7
20	5:42 a.m.	5.8	11:07 a.m.	3.1
	4:37 p.m.	5.0	11:18 p.m.	3.2
21	6:17 a.m.	6.1	12:48 p.m.	2.6
	5:54 p.m.	4.6	11:59 p.m.	1.7

Freak Growth Results from A-Radiation

By Rennie Taylor
Associated Press Science Reporter
PASADENA, Calif., Dec. 15 (AP)—Kernels of corn which start growing on the ear, and others which glow under invisible light are among the freaks resulting from atomic radiation, a widely known plant geneticist reported today.

Hundreds of specimens of dwarfed, twisted, frail or partly sterile plants are the progeny of seed corn subjected to radiation in the Bikini and Eniwetok bomb tests, said Dr. Ernest Anderson of the California Institute of Technology.

These plants are giving scientists their first detailed picture of what atomic radiation does to plant heredity—how damaging changes in offspring can appear after many generations.

Studies now are being made of first post-atomic generation babies at Hiroshima and Nagasaki for possible signs of first slight hereditary changes but there have been no reports of results.

Dr. Anderson's corn has gone through five or more generations. To get five-generation results on humans will require at least 100 years.

In the Bikini tests of 1946 many packages of seed corn, each containing 1,500 to 2,500 kernels, were placed aboard the test ships. Many of these irradiated seeds were planted in Caltech's experimental 8-acre garden at Arcadia, Calif.

Changes Noted

Dr. Anderson had reported previously on some of the changes in Bikini corn. The new report covers also results on corn irradiated in the Eniwetok atom tests of 1948.

Bikini seed produced about 60 different kinds of hereditary changes. Most of them showed up as patchiness or paleness of the chlorophyll or green coloring matter. The others included all the changes recognized previously recognized as natural ones, plus many new ones.

Some of the new ones included corn plants that looked like grass. Some produced no ears, others had no silks or kernels. The ones with the prematurely growing kernels sprouted 100 or more little plants on a single ear.

Dr. Anderson's group found that it took 15,000 roentgen units of X-ray to duplicate the atom irradiation effects from one Bikini seed sample. That is about 30 times the estimated dose necessary to kill a human being.

Strength Estimated

The atomic energy commission has published estimates that it takes only three to 300 roentgen units to double the normal rate of hereditary change in humans.

This comparison suggests but does not prove that atom bomb radiation would produce many times as many hereditary changes in humans as it does in corn.

The Eniwetok corn yielded more than 1,000 variations, many of them like the Bikini seeds, and one which glows with a different kind of blue light than the Bikini luminary.

Although most of the changes reported are detrimental, there is a possibility, Dr. Anderson said,



REMEMBRANCE OF THINGS PAST—Chinese Communist soldiers in a prisoner-of-war camp off the South Korean coast fashion a model of their home village on the mainland.

Mapleton Boy Critically Hurt In Gun Accident

EUGENE, Dec. 15 (AP)—A seven-year-old Mapleton boy was in critical condition in a Eugene hospital tonight because he and his brother forgot to remove a shell from the chamber of a .22-caliber rifle.

Stanley Good, son of Mr. and Mrs. Weldon Good, was shot in the head when he stumbled over a rug while playing with the rifle. He and his brother, Weldon, 10, were careful to remove the clip of shells from the gun, but they left a cartridge in the chamber.

The boys were at home alone while their parents tended their service station next door.

POSTAL ALUMNI

LAWRENCE, Kas.—(INS)—Uncle Sam's mailmen have been the cogs for the wheels that have turned out University of Kansas instruction for 60,000 students. That many course enrollments were processed for K. U. correspondence study students in 40 years since 1909, according to Dr. Frank T. Stockton, dean of University Extension.

That some of them can be used beneficially.

For example, some variants might serve as a guide for further improving the hybrid corn now grown so successfully in the mid-west.

Other atom varieties may help scientists to learn how plants convert tryptophane, one of the amino acids which forms protein, into a plant growth hormone called an auxin.

Auxins can be utilized to retard or otherwise control the blooming of plants. This might open the way toward an agriculture that can produce fruits and flowers out of season.

Junior First Citizen Ballot

I wish to submit the following name for consideration as the 1951 Salem Junior First Citizen:

NAME _____

ADDRESS _____

(Mail this form to SALEM JUNIOR CHAMBER OF COMMERCE) 373 N. CHURCH ST., Salem, Ore.

(Deadline Dec. 20, 1951)

Salem Junior First Citizen Choice Nears

Nominations are open to select the Junior First Citizen of Salem for 1951, the Salem Junior Chamber of Commerce said Saturday. The deadline for nominations is Thursday, Dec. 20.

The recipient of the award will be announced at a banquet at the Senator hotel Tuesday, January 22. Presentation will be by Mayor Alfred Loucks.

The 1951 winner will be the 12th selected by the special Junior C. of C. Committee. The winner need not be a member of the junior chamber, however.

The 1950 winner was Dr. Robert Anderson.

ADA Asks Demos Clean Corruption

PHILADELPHIA, Dec. 15 (AP)—The National Board of Americans for Democratic Action today placed responsibility for cleaning up corruption in Washington on the democratic administration.

The board's position was announced in a statement issued by Francis Biddle, national chairman and former U. S. attorney general, after the opening session of a two-day meeting.

The statement said that only a vigorous cleanup by the administration can keep the issue from becoming a "devastating weapon in the hands of the political reactionaries."

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U.S. Millionth Traffic Death To Occur Soon

CHICAGO, Dec. 15 (AP)—Someone who will be killed by a truck from today may be the millionth person to die in traffic since the automobile came into use in the United States.

That was the forecast today of the National Safety Council after a study of accident reports for the last week. A week ago the council picked Dec. 21 as the likely date but a falling off in deaths the first two weeks of December prompted statisticians to move it back to Dec. 22.

In brief, the picture was this:



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20th Century-Fox presents
THE DESERT FOX
MASON FOX
Co-Feature
"THE 13th LETTER"
With Linda Darnell

Total deaths as of last week—998,100
Total deaths as of today—999,900
Deaths short of millionth death—1,100
The difference between today's and last week's total represents adjustments due to deaths from injuries suffered earlier, to delay reporting of deaths, and to addition of deaths occurring the week of December 7 to 13.

The 48-inch photo-telescope at the California Institute of Technology, now making a "sky survey" will have done in 4 years what it would take a large reflecting telescope 5,000 years to accomplish.

EL SINORE

2 Real Nits!
"BEHAVE YOURSELF"
— And! —
"HARD, FAST AND BEAUTIFUL"

CAPITOL

2 Thrills Treats!
"THE RAGING TIDE"
— And! —
"MY OUTLAW BROTHER"

GRAND

Esther Williams
Red Skelton in
"TEXAS CARNIVAL"
— And! —
"CHAIN GANG"

STATE

2 Big Hits
"ON THE TOWN"
— And! —
"THE BIG HANGOVER"

LIBERTY

W. C. Fields
Mae West in
"MY LITTLE CHICKADEE"
— And! —
RANDY SCOTT in
"Frontier Badmen"

CAT FIGHT!
W. U. Bearcats
vs
Chico State Wildcats
Monday and Tuesday
WILLAMETTE GYM—8 P. M.
Prelim Game 6:15 P. M.

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THE GIFT SHE'LL TREASURE THROUGH THE YEARS

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Smart, modern styling with popular blond oak finish. Tray rises with lid when opened. A striking, decorative addition to the room furnished in modern.

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*But not castor oil—too expensive.

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Here's the secret of "Spark's" low cost operation. Fuel oil, fed continuously into the burner, vaporizes into a clean, carbon-free gas. Every drop burns. You get all the heat you pay for.

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