

SENTINEL SPORTS

Fresh-Soph Team Finish Strong 2nd In Valley Meeting

The Lion Freshman and Sophomore team finished a strong second in the Willamette Valley Fresh-Soph meet held at Springfield last Thursday.

The host Springfield Millers won with 83 points, the Lions were second with 53, Corvallis and Albany tied for third place with 25 points, with Lebanon in fifth with 23 and Elmira edging in with 5 points for sixth place.

Outstanding for the Groves were Bob Gasper's better than forty foot shot put toss, Sonny Hayes with a 138-plus javelin throw and Ronald Hite with a good low hurdle winning time.

Lion places:
100 yd dash—Bob Hite third.
220 yd dash—Bob Hite fifth.
440 yd dash—Vern McFee fifth.
880 yd run—Albert Martin second.

Mile run—Elliott Bray third.
High hurdles—Ron Hite fourth, Duane Coop fifth.
Low hurdles—Ron Hite first, Albert Martin second.

High jump—Duane Coop first.
Broad jump—Bob Hite third, Ben Hilliker fourth.
Shot put—Bob Gasper second.
Discus—Sonny Hayes first, Vern McFee second, Bob Gasper fourth.
Relay—Vern McFee, Sonny Hayes, Bob Hunter, Bob Hite placed fifth.

LEGION TEAM TO MEET JUNE FIRST

The Legion Baseball team will meet at 2:00 p.m. next Tuesday, June 1, at the high school ball grounds. A full attendance is desired, according to Earl Hill.

Railroads at War
More than 97 per cent of all troops, more than 90 per cent of all army equipment and supplies and about 90 per cent of all navy equipment and supplies were transported by rail during the war.

Accordion Instruction and Rentals

LOUISE WALTHER
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Softball Players To Meet June 3rd

There will be a meeting of all softball players who are signed up for teams in the Cottage Grove Softball Association, at the Jefferson gym at 8 p.m. Thursday, June 3. Playing regulations, rules, and general playing conduct will be discussed along with the league and district set-up for the year's play.

On hand will be Don January, state softball secretary; Tom Cox, district commissioner; Bob Dusenberry, league manager, will pass out rules interpretations, and lead the discussion.

Drawings for the opening night games for the following night will be announced, as well as plans for the opening night parade and prizes.

RIDING CLUB TO MEET

The Cottage Grove Riding club will hold an important meeting Monday at Stub Mosby's. A noon luncheon will be served and in the afternoon further details will be worked out on the coming rodeo sponsored by the club this summer.

Log Cabin Presidents

In addition to President Lincoln, six other presidents, Jefferson, Jackson, Fillmore, Buchanan, Garfield and Arthur, also were born in log cabins.

Tar Heel Mules

In an age of mechanization, the much-maligned mule is making a comeback on Tar Heel farms. In fact, North Carolina's Robeson county ranks second in the nation in the number of mules on farms. North Carolina has 15 counties in the top 100 counties with the nation's highest mule population. Missouri, storied in mule lore, placed only two counties in the first 100, according to U. S. agricultural census.

Pullets Termed Better Layers Than Old Hens

Further evidence of the importance of keeping only pullets for layers and selling all old hens is contained in tests conducted at western Kentucky substation. Average results over 11 years show that annual production of Barred Rock pullets was four dozen eggs per bird greater than that of hens. In the case of White Leghorns, pullets laid three dozen eggs per bird more than old hens.

MUGGS AND SKEETER



SENTINEL Farm & Garden

New Chemical Curbs Many Fruit Pests Tests Show Fungicide Effective in Orchard

Characterized as effective against a wide range of fruit pests and diseases, a new dinitro fungicide and insecticide for orchard use now is available commercially under the trade name of DN-289. It is a stable, clear, solution containing eight ounces actual dinitro-secbutylphenol in each quart and is readily miscible with water.

DN-289 has proved effective as an insecticide for use in the dormant period against a variety of insects such as rosy apple aphid, currant aphid, black cherry aphid, mealy plum aphid and viburnum aphid, eye-spotted bud moth, cherry case-bearer, pear psylla and oyster shell scale on apple and lilac. Promising results also have been shown in control of San Jose scale, scurfy scale and the eggs of the European red mite.

As a fungicide, DN-289 has been used successfully for control of sooty blotch on pears.

Amount of the compound required to attain good control ranges from



Photo shows an apple protected by DN-289 (left) and cluster attacked by rosy apple aphid.

one quart to two quarts in 100 gallons of water. Aphids are controlled with one quart while two quarts are needed to kill bud moths, case-bearer and the pear psylla. Heavier concentrations may be needed to control oyster shell scale.

Research workers are conducting extensive tests to find other insects and diseases that may be controlled with the chemical, which was developed by Dow Chemical company.

Loose Leaf Forms—The Sentinel.

Swine Diarrhea Curbed With Proper Nutrition

Proper nutrition plays an important role in control of swine diarrhea and scours, a source of considerable loss to most pork producers, according to Wise Burroughs of the Ohio station. Nursing pigs are susceptible to the disease, feeder pigs get enteritis and even older animals sometimes scour.

Deficiencies in any one of five different B-vitamins may cause diarrhea, Burroughs warns.

Safflower Crop Thrives Without Heavy Rainfall

Safflower poses no serious question of competition with flax in humid areas where flax prospers. It seems to thrive in areas of less rainfall, where normal precipitation is only 12 to 15 inches annually and where flax generally does not yield so well. Normally, too, under "dry-land" conditions, safflower does as well as wheat or better. It is resistant to most diseases and insects.

Increased Production Of Butterfat Required

Dairy farmers whose average annual production per cow is only 6,000 pounds are operating on a bare subsistence figure, it is pointed out by Howard O. Selby, general manager of the United Farmers of New England. It is not unreasonable to suggest that an annual production per cow of 7,500 pounds would be possible and that it would yield an economic level more nearly in line with other groups in the nation, he adds.

Cleanliness Emphasized In Treating Of Wounds

Horses under treatment do much better at pasture than in stables, if the weather is suitable. If sick horses must be stabled, quarters should be clean and well-ventilated. Be gentle in dressing wounds, clip closely or shave the hair around the wound and make sure that no discharge from around the edges is carried into the wound. Proper drainage of the wound must be assured.

NEW "SILVERSIDES" FLEET NOW SERVING COTTAGE GROVE



Latest Greyhound Super-Coaches Assigned to This Area

A fleet of Greyhound's newest buses have been assigned to the route between San Francisco and Portland over the Redwood and Oregon Coast highways. Still more will be put into service in this area as they are received from the factory. This announcement comes from F. W. Ackerman, president of Pacific Greyhound Lines.

De Luxe Models

"These are the famous 'Silver-sides' models, latest product of Greyhound and General Motors engineers and the designing genius of Raymond Loewy," the bus executive said.

"Embodying the latest ideas in comfort, safety and dependability, these new coaches provide complete relaxation for travelers," he pointed

out. "Deep-cushioned mohair seats are scientifically shaped to fit the body and are adjustable at a touch to many different positions. Other improvements include individual controlled-beam reading lights, windows of Solex safety glass that absorbs harsh sun rays, diesel engines with one-third greater horsepower."

Still Finer Buses Coming

"On our planning boards and in our shops, even finer Greyhound buses are taking shape," said Pacific Greyhound's President. "The bus of the future will soon be a reality," he added, "and in the meantime I am sure travelers will appreciate the greatly improved transportation that these new Greyhound Super-Coaches offer right now."

NEW NIGHT SAFETY FEATURE

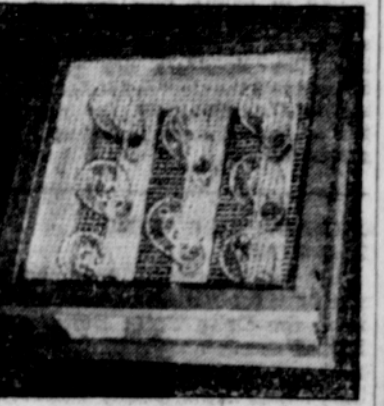
Scotchlite plastic trim on new Greyhound "Silver-sides" makes them "glow in the dark." Lights of other cars on the highway are reflected by the thousands of microscopic glass lenses in every square inch of the Scotchlite plastic, although the appearance of the bus in daylight is unchanged. This greatly increases the safety of night driving.

Simple Dehydrator Saves Garden Crops Homemade Apparatus Serves Many Purposes

A homemade dehydrator heating unit, which also may be used as a room heater in the home or brooder house, is an economical device and a labor-saver on the farm.

Successful drying depends upon removal of enough moisture from the fruit or vegetable to prevent spoilage. This must be done at a temperature that does not seriously affect the texture, color and flavor of the vegetable or fruit.

Best results are obtained when fruits and vegetables are dried in a dehydrator, like one shown, rather than in the sun. In hot, dry localities, however, sun-dried fruits have excellent color, flavor and good nutritive value. Sun-dried vegetables usually are noticeably inferior to



Good type of homemade dehydrator heating unit, which also may be used as a room heater.

dehydrated vegetables in most respects, but when properly dried they are fairly satisfactory.

If gas-filled tungsten-filament lamps are used, care should be taken to prevent liquids dripping onto the bulbs, as that is likely to crack them. If carbon-filament lamps are used, as shown in the picture, water dripping on them will not crack the bulbs.

Read the classified pages.

Cover Crops Reduce Soil Erosion Losses Research Tests Show Four Main Advantages

How cover crops seeded in corn and other row crops could help farmers fight erosion, build up the soil's organic matter and add to the nitrogen supply, is indicated in studies by research men of Iowa agricultural experiment station.

Four major advantages are cited:

1. From August to May. One-fourth of the annual soil loss occurs during this period.
2. Well-fertilized legumes and grasses add organic matter to the soil that helps resist erosion during the May and June period. This is the time when one-half of the annual soil losses occur.
3. Cover crops add nitrogen to the soil, especially when legumes are a part or all of the mixture.
4. The yield of corn will be slightly increased in the year following the seeding of cover crops.

Research workers have developed a plan that links the problem of seeding the cover crops. Just before



Good field of corn secured from proper plant food.

laying by the corn, they broadcast the seed with an endgate seeder. Weeders are attached to the cultivator to help cover the seed and better growth results.

Typewriter covers for sale—The Sentinel.

Field Day Plans At OSC June 10

Assembly point for visitors attending agronomy field day at the Oregon State college experiment station June 10 will be the road in front of the college greenhouses on the western edge of the campus, announces Dr. D. D. Hill, head of the farm crops department and field day director.

Special observation groups of from 50 to 75 persons will be organized at the assembly point from 9:00 until 10:30 a.m. County agents will act as group guides and members of the farm crops department staff will discuss experimental work at each project site.

During their five-hour tour of the three experiment station farms, visitors will see the station's corn, hop, flax, small grain and vegetable seed trials, new forage and seed crops varietal tests weed control experiments and cultural practice and fertilizer experiment trials.

A lunch area will be set up in Avery park and coffee will be served by the field-day committee. Visitors are asked to bring their own lunches.

Mrs. Mahaffey and daughter, Mrs. Harold Houser, were visitors here from Eugene on Tuesday and attended to business interests.

NORTH DOUGLAS 4-H FAIR

The North Douglas county 4-H fair will be held at Curtin Sunday starting at 10:00 a.m. Exhibits by the Hobby club, livestock, cattle, sheep, chickens, etc., by the club members will be on display.

The fair will be held at the Curtin school and a pot luck dinner will be served at noon. The public is invited.

AUCTION SALE NETS APPROXIMATELY \$450.00

The auction sale sponsored by the Cottage Grove Junior Chamber of Commerce netted approximately \$450.00 which will be given to the hospital fund.

The JCC expresses their thanks in making this sale a success to the merchants and people of Cottage Grove for their generous donations, to Smith's Furniture Store and the McKenzie Service Station for the use of their trucks in picking up the merchandise, and to the three auctioneers who donated their time.

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Saturday Night, May 29th

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Dancing Starts at 9:00 P. M.
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