

Value of X-Rays Shown By Study of County TB Figures

The value of regular chest x-rays of people who have no symptoms of disease is clearly demonstrated by a study of tuberculosis figures in Jackson county for the past seven years just completed by the Jackson County health department.

The study reveals that 30 per cent of the tuberculosis in the county during the seven year period has been found by x-rays of the general public. The cases were found during the mobile x-ray surveys which were available only 10 weeks during the entire seven years. These mobile surveys have since been replaced by permanent x-ray centers in the hospitals.

12 Per Cent Advanced Cases
Also demonstrating the value of x-raying people before symptoms develop is the fact that only 12 per cent of the cases found in surveys were in the advanced or moderately advanced stages, the survey showed. When allowed to go undetected until symptoms are produced, the study shows 65 per cent of the cases are far advanced.

"When we realize each advanced case costs the taxpayers of this state approximately \$15,000, it is easy to see how many thousands of dollars we are saving by finding these cases early before long care is required," Dr. E. A. Merkel, county health officer, pointed out. "This, of course, is beside the family tragedies and human suffering saved many residents of our valley," he added.

Most Cases Among Males
The study further shows that 75 per cent of the tuberculosis found in Jackson county has been among the male population over 40 years of age.

"For this reason, we are especially urging men to have a chest x-ray at least once a year and preferably every six months," Mrs. Jack Walker, case finding chairman, stated.

Permanent x-ray centers for use of the people of the county are provided by the Jackson County Public Health association at Community hospital on Wednesday from 3 p.m. to 6 p.m. and at Sacred Heart hospital on Thursdays from 2 p.m. to 5 p.m.



FEELING FIT—"Mmmm, fresh air," says Actress Susan Hayward as she rises from wheelchair on leaving Cedars of Lebanon Hospital in Hollywood. She had been confined for treatment for an apparent overdose of sleeping pills.

Studies Show Value Of Nitrogen To Crops

Nitrogen, when applied in a nitrate form, produces greater yields on spring sown oats, barley and wheat, according to results of an experiment at Southern Oregon Branch Experimental station.

The experiment, conducted last year, was on the relative effectiveness of four nitrogen fertilizers—ammonium sulfate, ammonium nitrate, calcium nitrate and urea water solution. The experiment included an application of \$10 worth of different materials on barley, and an application of 60 pounds of material on oats and wheat.

The grains were seeded and fertilizers applied early in April last year, and an unfertilized area was left in each case to check the effectiveness of fertilizers.

The experiment showed a yield of 54.1 bushels an acre of barley when \$10 worth of ammonium nitrate was applied. The value of the increase above the cost of fertilizer was \$10.04,

while other materials showed losses instead of increases above the cost of fertilizer.

Sixty pounds of ammonium nitrate on an acre of oats produced 71.6 bushels an acre at a value of \$11.57 above the \$8.80 worth of fertilizer applied. Wheat produced from using 60 pounds of calcium nitrate totaled 26.5 bushels an acre, a value increase of \$3.45 above the fertilizer cost of \$13.56 per acre.

In the experiments, fertilizer was applied to the surface, and left for spring rains to take it into the crop feeding area. However, because of light rainfall, much of the fertilizer was left on top of the ground, pointing out the advantage of a sub-surface machine to put fertilizer three to four inches into the soil.

Nitrogen becomes available and starts working quicker when in ammonium nitrate and calcium nitrate than in other materials, thus causing a greater response in the grain.

Illegal Logging Operation Nets Fines

Three Ashland men were assessed a joint fine of \$75 plus \$5 costs by Judges Rawley Moore in district court Friday on a charge of operating logging equipment without first having obtained a permit from the state forester.

They were John W. McCoy, 125 Almond st.; Dennis P. McCoy, route 1, box 376, and A. B. Wolber, 518 Oak st. All three entered guilty pleas, according to court records.

The case originated last month records showed. The three were accused of using power driven machinery in and within one-eighth mile of forest land in the county without a 1955 permit.

Music Concert Planned At Prospect May 10

Prospect—The music club of Prospect high school will present a concert in the high school gymnasium Tuesday, May 10, at 8 p.m. The program will be under the direction of Darrel Langevin, club advisor.

The chorus group will sing and music will be played by the high school band. Grade school pupils also will entertain with songs and band numbers.

Proceeds from the program will be used to help the music club to buy choir robes and band uniforms.

A hammer dent can be removed from wood by applying water to the dented portion. The water expands the wood and the dent will vanish.

Spain Increases Industrial Base

Madrid—(U.P.)—Spain achieved a substantial increase in her industrial base during 1954. Minister of Industry Joaquin Planell said in a report to the Spanish press.

The report included figures and percentage increases in the national production of coal, iron and steel electricity, chemical industry and transport.

Planell reported that for the first time since 1929 Spain's annual production of pig iron and steel had surpassed 1,000,000 tons. He said the industry during 1954 produced 872,000 tons of pig iron, an increase of 9 per cent over 1953, and 1,103,000

metric tons of steel, representing a 23 per cent increase over 1953. Planell also reported increases in the production of coal, electrical energy and other basic industries.

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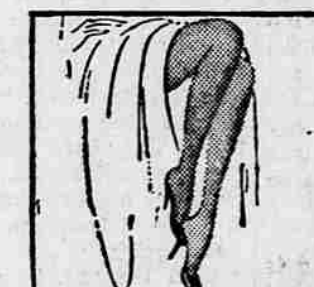
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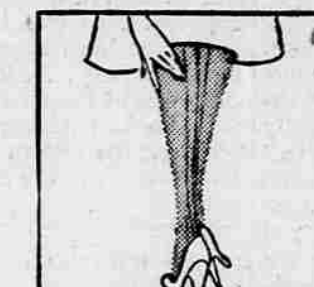
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