

Tar From Brooder Causes Head Burns

A bit of veterinary detective work by Dr. E. M. Dickenson and Dr. Wilbur K. Clark at the Oregon State college experiment station has revealed that mysterious burns on the heads and necks of turkey poults were not caused by a contagious disease but by tar leaking out of brooder stove pipes.

Several growers brought in poults showing severe skin injuries from flocks where so many were affected that it was feared some contagious disease was causing the trouble. When no organism could be found, the veterinarians began looking for other causes and found the trouble occurred only where brooders — a by-product of gas manufacture from petroleum — were used as brooder fuel.

A tar-like substance, often referred to as "creosote," collected in the stove pipe and dripped out through the joints onto the heads of the young turkeys. No serious damage was done until a bright sun shone on the poults, when severe burns were caused. These in turn induced scratching and considerable mechanical injury. Some losses of more than 50 per cent of the flock were reported.

To avoid the difficulty the veter-



Each figure in the above Veterans Administration photograph represents 1,000,000 veterans and illustrates how the load has increased during the one year following V-J Day—from 6,777,000 to 17,452,000.

Inarians recommend turning the stove pipe upside down so any tar that collects will drain back into the stove instead of through the pipe to the outside. It is quite possible that residue from some other types of fuel might cause similar injury under certain conditions, according to a report on the study contained in a new circular of information, No. 394.

Starving Chinese

Tree bark, weeds, cottonseed hulls and sometimes even mud are being eaten by starving Chinese in an effort to sustain life.

NEW MAN ADDED, UMPQUA NATIONAL FOREST STAFF

David Judkins, logging engineer, will be added to the staff of Umpqua National Forest on December 1, it was announced today by M. M. Nelson, Forest Supervisor. Mr. Judkins will fill a new position created to handle logging engineering problems in connection with a greatly increased road and timber program on the Umpqua Forest.

Judkins comes to Roseburg with considerable experience in the engineering field, Nelson states. He has done engineering and road location work for the Pacific Telephone and Telegraph Company, State of Idaho, and several National Forests. He will be transferred here from the Mt. Hood Forest.

The new staff man is a graduate of the University of Washington in 1934, and took graduate work at the University of California in 1939. His first Forest Service appointment was in 1935, with the Northwest Forest Experiment Station. He later served on the Chelan, Umatilla and Mt. Hood Forests. From 1939 to 1942 he served as assistant ranger at Walla Walla, Washington.

During the war Judkins served with the Navy in the Asiatic-Pacific campaign and the Philippine Liberation campaign.

Rototiller in Operation



The new Rototiller farm machine, produced by Graham-Paige Motors in the giant Willow Run plant, prepares soil for planting in a single operation, making unnecessary the three operations of plow, disk and harrow. The five-horsepower tillage unit, which churns and crumbles the soil to a depth of nine inches, has attachments which adapt it to a score of other farm tasks such as bulldozing, seeding, mowing, snowplowing and other operations.

New Farm Machine Prepares Soil in Single Operation

WILLOW RUN, Mich. — The new Rototiller farm machine, now in production by Graham-Paige Motors Corporation at Willow Run is expected to revolutionize tillage methods on small and medium-size farms.

Home gardeners find wide use for this self-powered tiller which in a single operation prepares the ground for immediate planting by churning and crumbling the earth with steel edge tines rotating rapidly in paddlewheel fashion.

The Rototiller machine will make the plow obsolete for certain tasks," Joseph W. Frazer, president of Graham-Paige Motors corporation, says. "It is not only a time and work saving aid to the farmer, but a means of applying a new principle in tillage."

The tiller works the seed bed thoroughly from top to bottom, leaving no lumps or air pockets to interfere with moisture absorption. Soil can be worked earlier, permitting air to penetrate the finely crumbled earth. In one operation the new tiller produces a more thoroughly prepared seed bed than is obtained in several operations with plow, disk and harrow.

In addition to its primary purpose of tillage, the Rototiller serves as cultivator, and will have numerous special attachments including lawn mower, field mower, planter or seeder, snow plow and a power take-off to operate saws, grinders, pumps and other farm machinery.

The unique machine, invented in Switzerland, has been available in this country only in limited quantity. During the last year interest in the new method of tillage which the machine offers has mounted rapidly and Graham-Paige has received nearly 100,000 orders for farmers, greenhouse and nursery operators, landscape gardeners, poultry raisers, orchardists, home gardeners, berry growers, caretakers and others.

The B1-6, or "walking model" Rototiller machine has tilling widths of 20 to 26 inches. It is guided by handle bars which are adjustable for height and adjustable to either side so that the operator need not walk on tilled ground. The two-wheel unit is driven by a two-stroke cycle, air-cooled engine of 5 horsepower at 2400 r.p.m. In high gear the machine operates at an approximate speed of 1 1/2 miles per hour and in low gear at 3/4 of a mile per hour.

Four types of edge tools, or tines, which mount on flexible coil springs, meet nearly all conditions encountered in tillage. The machine is balanced on its wheels so that the rear weighs only slightly

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more than the front end. When the rotating tines meet a buried ledge or boulder the springs compress until the rear of the machine lifts and rides over the obstacle. Most small stones are tossed to the surface where they may be picked up.

MOSBY CREEK

The small log house belonging to Mr. and Mrs. Morris Slathert burned to the ground Sunday morning with a loss of everything they had. There will be a miscellaneous shower for them Dec. 5th at the home of Mrs. Harry Castle. That is the day the Gettogether club has

their Christmas exchange meeting. Everyone having things they care to give may leave it at the Castle home.

Mr. and Mrs. Perk Miller and family were dinner guests Sunday at the Jay Blackmore home.

Callers Sunday at the Leaser Rearick home were Mrs. Helen Walden, Mrs. Howard Wilson of Cottage Grove and Mrs. Grant Duiley and sons of Knox Hill.

Mrs. George Woodworth has been visiting in California with her parents, Mr. and Mrs. C. Woods.

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Morning Worship: 11:00

Evening Service 7:30

FIRST BAPTIST CHURCH

5TH AND JEFFERSON

REV. PETER J. BAKKER, Pastor

- Dec. 1 A.M. "The Positive, Personal Love of God"
- P.M. "The Persons of God's Love"
- Dec. 8 A.M. "The Providing, Protecting Love"
- P.M. "The Punishing Love of God"
- Dec. 15 A.M. "The Persistent Love of God"
- P.M. "The Position of those loved"
- Dec. 22 A.M. "The Personal Gift of Love"
- P.M. "The Personal Gift of Love"
- Dec. 29 A.M. "The Practical Love of God"
- P.M. "The Perfect Love of God"

Five Seniors Named For Students Most Likely to Succeed

The senior class of Cottage Grove High School has voted for ten top students for the Pepsi Cola Scholarship. After these votes were counted up the class voted for five of the ten winners. The basis on which these five were chosen were those who can contribute the most to American Society. These five people are Betty Hood, Gloria Clark, Jurk Malcolm, Norm Stevenson, and Harold Witherspoon.

Any high school students graduating during the year 1947, boy or girl, without regard to race, color, or creed, who is voted by his classmates as the boy or girl who is most likely to make an important contribution to human progress is eligible to compete for this award.

These scholarships are a four-year college scholarships awarded to outstanding high school seniors solely on the basis of aptitude, scholastic standing, notable leadership, and real financial need. The project is financed by the Pepsi-Cola Company as a part of its public service program.

—Lions Roar.

—Buy Christmas Seals—

City Briefs

Seven cases of pneumonia were reported by the Lane county health department over the week end. Two pneumonia cases were reported here.

Mr. and Mrs. Marsh have sold their place on Row River to Mr. and Mrs. Crawford of California and will move to Springfield.

Carl Vining, Culp Creek resident is confined to his home with a broken foot, broken in an accident while at work for the Bohemia Lumber Co.

Mrs. James Brown of Culp Creek has gone to Seattle to visit a son. While there she will meet her daughter and son-in-law en route to Alaska.

The Dorena home economics club will sponsor a bazaar and supper to be given at the community hall December 5th.

Announcements have been received of the birth of a son at Roseburg, October 31st to Mr. and Mrs. Chas. Glade, former Row River residents.

Mrs. Mary Crawford and son and daughter, Joan and Roger of Row River are visiting relatives in Modesto, Calif.

Mr. and Mrs. Loren Hunt and son Wavel of Lakeview, former Culp Creek residents are expected this week for a visit with former friends.

FFA Initiates Boys

Formal initiation was held in the agriculture room for the new F. F. A. boys, last Friday evening at 7:30. The new members are: David Belcher, Dick Clark, Tom Colner, Duane Coop, Bill Donnelly, Tom Eddy, Robert Glenn, Bill Hanks, Wasley Hansen, Clyde Heegard, Gerald Lundum, Sam Mainwaring, Albert Martin, Loran Munro, Earl Radway, Raymond Lester, Frank Royle.

Bob Summers, Frank Stalder, Clifford Stewart, Chester Vandenberg, George Walker, Bill White, Harold Huff, Marvin Boyer, Ben Atwood, Herman Bradley, Elliott Bray, Donald Carlson, Leonard Boyner, Don Holbrook, Donald Hull, Ronald Hull, David Larsen, Robert Long, William Macaulley, Bill Martin, Donald Mosby, Leo Muro, Harold Pennington, Bruce Dooles, Elmore Roby, Don StClaire, John VanNorthwick, Kenton VanNorthwick, Don Nichols, Pete Fetter, Delma Fisher, and Bill Hickson.

After the initiation, the boys gave a large Bar-B-Q to which the F. F. A. girls were invited. A party and dancing were held later in the gym.

—Lions Roar.

Loyal Order of Moose



Box 345 Phone 63
LODGE NO. 810

Meals served every night after 5:00 o'clock.
Lodge meets every Tuesday night at 8:00 o'clock.

CLOSED ALL DAY SUNDAY

9-tfc

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