

### Small Persons Most Often Gassed By CO

Are you small of stature - then you are more susceptible to carbon monoxide fumes, the Oregon Motorist warns in its November issue soon to be published. Certain people under certain conditions are more susceptible than others, the publication for the Oregon State Motor association says.

Based on long and careful studies made by Motor Vehicle Research, the tasteless, odorless, and often noiseless gas proves to be a stealthy and mysterious killer and the most important means of combatting it is by frequently checking the entire exhaust system of the car - as often as every 5,000 miles.

People of small stature, including children, as well as aged people are more susceptible because of a higher rate of respiration. Cardiac sufferers, or those with anemia, as well as those who are pregnant, should be given special consideration, the study reveals.

Family pets - dogs, horses, cats are the living creatures more susceptible than humans and constant exposure does not build up immunity but instead, a sort of progressive susceptibility.

One or two alcoholic drinks increase the possibility of quicker absorption of the fumes and heavy smokers as well as those required to take barbiturates, are more vulnerable, the study proves.

Don't consider that put-power mower so innocent, the Motorist adds. On calm days ex-

haust fumes can become concentrated enough around the head to do real damage.

Avoid as much as possible, bumper to bumper traffic, especially if your car is equipped with "freshair" intakes on the front end near the rear exhaust of the car ahead, and when on the highway give a wide berth to the air in front of you, the publication concludes - it's a factory for the lethal gas.

### Grass Valley Girls Awarded Honors

The King's Daughters including Virginia Todd, Katherine Reckman, Alice and Rosalee Eslinger, Marjorie Riggs, Mona Eakin, Jeannie Baumgartner, Peggy Reckman, Florene Crews and Alfa Jean Payne, were hostesses at a tea held in the recreation room of the Baptist church November 14 at 5 o'clock for their mothers and the women of the Missionary Circle were invited. Mr. Wesley Hoff, a missionary appointee to Brazil, was the speaker. The girls sang their theme songs and Florene Crews read the scriptures. Jeannie Baumgartner and Alfa Payne received an award for completion of rank Seeker to Princess of Love and Peggy Reckman and Florene Crews received an award for completion of rank Princess of Love to Princess of Beauty.

The tea table was covered with a lace cloth centered with a horn of plenty carrying out the Thanksgiving day theme. Cookies made by the girls, punch and coffee were served by the girls.

### Legion Auxiliary Buys Wheel Chair

The American Legion Auxiliary met at the home of Mrs. Harry Hooper Monday evening. Mrs. C. W. Fields, president, presiding with eleven members and three guests, Mrs. Boyce Blaylock and daughter, Barbara, and Mrs. C. F. Kellogg of Portland present. Barbara gave her report on her trip to Girls State held at Willamette university in Salem.

Plans were made for the Thanksgiving dinner to be held at the Legion hall in Kent Sunday November 21 for the Legion and Auxiliary members. It is potluck with turkey and coffee furnished. Each member is asked to bring a gift to the dinner for the Veteran Gift Shop in Portland.

A wheel chair has been purchased for use in the community. Wallace May, Bill Alsip and Bud Eslinger donated material and work for a foot rest for it. The chair cost \$107.75 of which \$75 was paid from funds received from magazine subscriptions in this county through the American Legion. The local auxiliary unit paid the balance.

Mrs. Frank von Borstel showed pictures taken at the American Legion convention and others. Refreshments were served at the

close of the meeting by the hostesses. Generally barley and wheat require the same amount of nitrate and inches of water to produce a given amount of barley. Production of grains on the Sherman station up to 1953 as supplied by Bill Hall have been spring barley, Flynn No. 37, 2444 pounds per acre; winter barley, Olympia, 2222 pounds per acre; winter wheat, Elmar, 2206 pounds per acre; spring oats, Carleton, 1948 pounds per acre; and spring wheat, Federation, 1916 pounds per acre.

### County Ramblings

County folks with a few peach trees that have had trouble with peach blight can obtain relief by doing some spraying this fall. Gardeners who have had trouble from a fall spray program as follows two fall sprays should be applied the first thing after harvest and the second as leaves are dropping. For a light infection - Phygon XL at 3/4 pound per 100 gallons for early spray and Bordeaux at 8-8-1000 for the later spray. For heavy infection - Bordeaux at 8-8-1000 or Phygon XL at 3/4 pound per 100 gallons for the early spray. Bordeaux will cause some foliage injury and premature leaf drop when applied before normal leaf drop. For the late spray, only Bordeaux should be used. In case of very heavy infection, some growers have been using 10-10-100 or 12-12-100 Bordeaux with good results for the later spray.

The small flowered plant growing along most county roads is known as Ashy Aster. The plant is a perennial and thus spreads by underground roots or stems as well as seeds. The plant seems to be quite abundant along roadways and spreading into idle or range grounds. The effectiveness of 2,4-D against the weed or whether it is much of a menace is unknown. The plant has been identified only in Wasco and Sherman counties in Oregon.

The comparison of pounds per acre yield of various grains may explain the reason some farmers say barley seems to take more out of the soil in the way of nitrates as wheat under normal crop-

ping conditions. Generally barley and wheat require the same amount of nitrate and inches of water to produce a given amount of barley. Production of grains on the Sherman station up to 1953 as supplied by Bill Hall have been spring barley, Flynn No. 37, 2444 pounds per acre; winter barley, Olympia, 2222 pounds per acre; winter wheat, Elmar, 2206 pounds per acre; spring oats, Carleton, 1948 pounds per acre; and spring wheat, Federation, 1916 pounds per acre.

Dalmatian Toadflax, a perennial plant that is a serious menace in Gilliam county between Condon and Fossil. The bright yellow tinged with orange flowers closely resemble tame snapdragons. The weed has been planted or transplanted into flower gardens and cemeteries as an ornamental. The stems are light green, erect, smooth and may grow 3 to 6 feet high. The leaf texture resembles that of an onion or cabbage. Leaves are light green, alternate, heart shaped and clasp the stem. Anyone in doubt that they may have an infestation should get a plant or any other unknown plant to them identified.

During August Bob Flynn of the bureau of entomology made a grasshopper survey through Sherman county and other Columbia basin counties. Considerable build up of grasshoppers was found in Morrow county where baiting was necessary. Sherman county folks will probably need to be on the lookout for heavy infestation of grasshoppers during 1955. This probably will be especially true if we do not have a rather hardy winter. The entomology people believe that when you have seven grasshoppers per square rod on crop land or 15 grasshoppers per square rod on range land that a rather serious infestation of damage will result. The bureau of entomology enters into a cooperative spray program with county farmers and the county when program becomes necessary. The federal government will share the cost up to one third when baiting on range land, which is usually done by spraying from airplanes. This past August the grasshoppers on some of our range ground had built up to rather a high percentage so we need to be on the lookout for 1955.

The rate of application depends on the weeds to be controlled. For morning glory an application of four to six pounds per square rod is adequate. Many farmers in the Columbia basin are over treating, which is expensive and results in longer residual effect in the fields. Demonstrations the past two years have shown that a five pound per square rod rate or 800 pounds per acre is satisfactory and a rate that wheat will grow within a short period of time.

Don't call in the repair man the minute your irrigation sprinkler head quits rotating. It may need no more than replacement of a 9 cent fibre washer located in the base of the sprinkler. The washer acts as a break in controlling the speed the sprinkler rotates and it serves as a bearing between the rotating part of the sprinkler head and the bearing sleeve. When slightly worn the washer is more of a brake than a bearing.

Washers wear down rapidly when sand is pumped through the system, often requiring replacement two or three times a year. If the water is very clean washers will last four or five years.

Farmers with farm storage facilities will want to keep constant check on their grain for insect infestation. Air moving upward in a mass of grain due to the ever present temperature differentials tend to condense moisture at or near the cooler upper levels. Look for trouble within the first 24 inches from the top of the bin. A thermometer grooved in the end of a pointed stick is handy for locating hot spots and possible trouble. When insect infestation builds up it is necessary at this time to fumigate your storage facilities.

The 1954 Oregon Rural Health conference will be held at OSC, November 13 and 14. This conference is sponsored by farm organizations and various health groups thru-out the state. The extension service of OSC provides the facilities and assistance in carrying out the conference. An excellent program has been outlined and copies may be secured through

the county extension office. The annual Achievement party for 4-H club members will be held Monday evening, November 15 at the Moro school house. Any and all friends of 4-H club work are invited to attend and participate at this program.

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