

AGRICULTURE AND LIVESTOCK NEWS

Up-to-date Information to Help Develop Progressive Farming

O. A. C. CORRESPONDENCE

STATE SCHOOLS INCREASE OUTSIDERS' TUITION FEE

Non-resident fees for students in the college and university were increased from \$60 to \$105 a year, effective, with the opening of the next fall term...

The two Oregon institutions by this action, taken as a means of reducing the burden of state taxation, puts the two Oregon institutions on a par with the state universities of Washington and California...

Geduate students in both institutions will be exempt under the new fee. The committee of regents emphasizes that the increased fee is not retroactive...

Members of the joint committee considering fees were J. K. Weatherford of Albany, chairman, C. E. Woodson of Heppner, W. S. Gilbert of Astoria, and President P. L. Campbell from the University.

HOG RAISERS SHOULD LOOK UP BARN LOTS EACH YEAR

Hog raisers may accomplish two desirable results by plowing up the barn lots at least once a year, says the United States Department of Agriculture. In the first place, hogs need good succulent pasture as much of the time as possible...

for fall, winter, and spring pasture for hogs. Throughout the corn belt it may be sown from August 20 to about October 1, depending on the latitude. In warmer climates the crop may be put in at various times up to as late as December. By timing in successive plantings from 2 to 4 weeks apart it is possible to have fresh pasture all the time...

ORCHARD PESTS

By C. C. Vincent

My gooseberries and red currant bushes are covered with a little green worm about an inch long which has little black specks on its back and has a black head. They have eaten off the leaves. What can I do to get rid of them? What will kill common ants that make ant hills around the house?

The imported green worm which is feeding on your gooseberry and red currant bushes is the larvae of the adult saw-fly. When they are first hatched they are small whitish larvae and as they increase in size the color changes to green and after the first molt they become covered with many black spots and the head is black. While small they feed in colonies, 30-40 on a leaf, which is soon consumed. As they increase in size they become more destructive and soon strip a bush of all its leaves. The larvae may be readily destroyed by spraying the bushes with arsenate of lead, 4 pounds to 100 gallons of water. This application should be made early in the spring before the berries begin to form. After the fruit has reached maturity.

The Idle Broody In the State Agricultural College at Athaca, New York, they have a habit of putting a celluloid leg band on a hen's leg every time she goes broody. Some hens go broody several times a season while others of the same breed do not stop laying. The hens that idle away their time on the nest may at the end of the season have on as many rings as a rich woman, but the more rings they have the less suited they are for a place in the chicken house.

A slatted bottom coop swung in the shade where the air can circulate around her is a help in causing a hen to change her mind about rearing a family.

Killing Cabbage Worms

Cabbage root maggots may be controlled by applying about a half cup of corrosive sublimate solution to the base of cabbage or cauliflower plants. The corrosive sublimate solution should be made at the rate of one ounce to twelve gallons of water. Three applications at ten-day intervals are advisable.

Recipes

New Potatoes—Scrape and cook until tender in boiling, salted water to cover. Drain and put into the serving dish, then pour over them a white sauce to which has been added chopped parsley.

Milk Pudding—To about a quart of lukewarm milk add sugar and flavor to taste, then dissolve a piece of rennet tablet about one-half the size of a dry pea, add this to the milk and stir well and pour into saucers. If you care to make it fancy add cake coloring and serve with whipped cream. (Plain cream is also very good—Editor.) This makes a delicious pudding. If it becomes watery you have used too much rennet. The rennet tablets may be had for 25 cents a dozen at any drug store.—ANNIE LAURIE Wash.

Add Soda to Green Vegetables—When cooking green vegetables a small particle of soda added to the boiling water just before putting in the vegetables will keep them in fresh color.

To Get Rid of Cockroaches—Make a strong solution of alum in hot water and pour it into cracks and crevices where pests hide, or else brush it in liberally with a paint brush.

Special No. 18—Art Deardorff, \$150.00. Special No. 20—Ed. Moore, \$32.37; M. Hemrich, \$14.97; C. Hemrich, \$24.95; Kent Fish, \$49.93; Walter Young, \$77.88; Walter Hal, \$19.92; Wm. Doolley, \$49.90; L. Stradley, \$9.96; C. C. Young, \$19.92; Wm. Svendsen, \$27.44; S. C. Young, \$29.94; John Moore, \$24.95; Elmer McMurray, \$7.47.

Special No. 21—C. S. Mudge, \$19.60; Jake DeYoung, \$121.20; Arthur Gran, \$42.33; John Anderson, \$32.89; Albert Hoffmeister, \$47.79; Gus Lingie, \$32.89; Hadden Johnson, \$27.39; Philip Schantlin, \$89.82; Fred Anderson, \$47.82; J. E. Berkstrun, \$49.90; Georg Derrick, \$22.45; John Hoffmeister, \$14.97; Walter Welch, \$7.47.

Special No. 24—J. H. Bradbury, \$27.93; J. Hafner, \$14.94; H. Warren, \$14.94; K. Kretzer, \$6.23; C. Houde, \$13.59; L. Thomas, \$12.45; J. H. Bradbury, \$9.96; P. E. Struck, \$22.45; G. Wilkinson, \$24.95.

Special No. 25—John McHolick, \$142.88; Wm. Extrum, \$173.60; C. L. Shaw, \$2.45; Paul R. Meinig, \$39.15; A. C. Thomas, \$75.30; C. Donahue, \$4.98; T. Bacon, \$43.57; L. C. Moulton, \$4.98; A. J. Sloop, \$31.39; S. Robertson, \$17.43; Tom Hagan, \$33.51; L. Layman, \$19.92; Bud Martindale, \$28.51; R. H. Klingler, \$13.59; W. Gauger, \$15.44; Oda Clark, \$12.45; E. Eastman, \$12.45; R. Hansberg, \$14.94; George A. Ten Eyck, \$116.28; L. W. Tice, \$64.74; Loren Sloan, \$37.35; R. W. Alder, \$74.84; T. McGuire, \$99.43; Fred Gilbert, \$49.50; Joseph Vaerettli, \$88.57; A. Klingler, \$74.85; Miles Ten Eyck, \$32.37; Glen Ten Eyck, \$64.87; W. Schreiber, \$32.37; E. E. Easton, \$24.90; R. Shipley, \$73.29.

Special No. 28—W. Wildmer, \$80.01; Gust Finger, \$32.36; Will Bird, \$54.88; H. Lubke, \$9.96; Will Anderson, \$55.86; Author Frenz, \$23.02; John Macho, \$8.71; Henry Herman, \$27.44; Edward Flatau, \$8.71; Henry Gierke, \$17.46.

Special No. 29—D. L. Erdman, \$37.90; H. Bronner, \$57.38; R. Krebs, \$14.94; F. Carlson, \$54.89; E. Borling, \$22.41; H. Ackerson, \$44.89; H. Swanson, \$5.22; L. Bartlemay, \$13.59; C. Hanson, \$9.98; C. Johnson, \$14.94; D. Posberg, \$13.69.

Special No. 31—Frank Hatton, \$38; Milo Mumpower, \$38.87; Owen Hatton, \$32.37; Henry Swales, \$84.37; John Holcomb, \$4.98; John Moser, \$22.41; Gilbert Riehoff, \$24.90; Paul Scheff, \$49.89; Carl Durig, \$19.88; Clarence Swales, \$9.96; Valino Weatherall, \$14.94; H. Luft, \$44.91.

Road District No. 26—Sandy Lumber Co., \$6.96; W. A. Stone, \$48.36; Sam Rowen, \$39.92; Fred Gertsch, \$18.67; Ed. Sladky, \$19.92.

Road District No. 35—Standard Oil Co., \$13.91.

Special No. 11—Nichola Casoliato, \$4,798.27.

Special No. 12—V. C. Jackson, \$5.25; F. H. Bardsley, \$17.50; Arthur Smith, \$1792.56; R. Irving, \$36.90; A. Heinrich, \$32.50; J. Sigrist, \$65.77; C. M. Roberts, \$87.77; H. Kenick, \$125.77; A. Worthington, \$187.71; A. Kelnrich, \$380.35; F. H. Bardsley, \$388.81; J. E. Giesy, \$4.48.

Special No. 13—A. F. Kiser, \$14.94; A. Tomas, \$14.94; C. Kiser, \$9.96; A. A. Wood, \$1.99; Harry Jost, \$2.49; H. Heater, \$4.98; G. Baker, \$4.79; G. Bataglia, \$2.49; R. Baker, \$3.73; A. A. Wood, \$6.49.

Special No. 14—Fred Bker, \$12.46; Frank Oldenstadt, \$84.83; Ed. Selge, \$104.79; \$104.79; C. C. Schroeder, \$64.87; Bob Schatz, \$44.91; S. Turner, \$44.91; Mike Aldridge, \$99.90; A. Delker, \$76.85; O. Pamperin, \$92.81; L. Bruck, \$9.98; V. Bruck, \$4.99; Ervin Sharp, \$47.40; Adolph Delker, \$54.89; R. W. Oldenstadt, \$22.45; C. Tiedeman, \$112.27; G. Oldenstadt, \$64.87; Ed. Pamperin, \$44.91; Ed. Woodworth, \$9.96; A. R. Chapman, \$9.96; W. Waite, \$14.94; G. Selge, \$7.47; Ernest Wilkey, \$46.06; Bert Schatz, \$54.78; Bill Oldenstadt, \$54.78; Lee Forland, \$53.53; C. Theobald, \$52.29; Erl Oldenstadt, \$37.35; A. H. Borland, \$59.85; Norman Turner, \$34.86; A. Alshire, \$22.41; Bob Payne, \$4.98; C. O. Perry, \$2.49; W. Wooliver, \$2.49; Ott Oldenstadt, \$7.47; C. Eisele, \$3.73; H. Turner, \$11.20; T. Turner, \$7.47; H. Koch, \$67.36; Ed. Woodworth, \$12.45; A. Chapman, \$9.96; Bill Setze, \$7.47; J. M. Turner, \$93.76.

Special No. 16—O. P. Rothe, \$129.87; D. J. Abbey, \$71.88; John Baumgardner, \$74.87; E. E. Rothe, \$71.88; G. O. Skoor, \$35.94; J. S. Booth, \$38.87; G. G. Gallison, \$38.87; Ira Hart, \$47.84; H. Faulk, \$12.45; E. D. Roberts, \$19.92; Wm. Davenport, \$321.00.

Special No. 17—James A. C. Tait & Co., \$11.60; Pacific Asbestos and Supply Co., \$54.81; East Side Mill & Timber Co., \$82.83; Oregon City Sand and Gravel Co., \$280.50; Schuld Bros., \$469. Oregon Portland Cement Co., \$571.53; L. G. Harrington, \$8.85; W. E. Godsey, \$45.30; H. Henrich, \$64.87; W. J. Henrich, \$19.96; A. Scheer, \$15.96; C. Patton, \$13.96; Sam Schlegel, \$13.96; E. Webb, \$20.93; A. L. Pittman, \$11.96; A. Hartley, \$8.97; W. Marn, \$11.96; W. S. Daywalt, \$11.96; J. Scheer, \$11.96; W. Imel, \$11.96; John Young, \$11.96; W. Young, \$14.95; C. W. Carter, \$20.93; C. Cash, \$17.45; H. Imel, \$77.87; Arthur Leavitt, \$47.92; Jack Young, \$54.85; W. Imel, \$29.90; Marvin Pittman, \$32.89; R. Johnston, \$69.83; Ancil Pittman, \$29.90; W. S. Daywalt, \$29.90; N. Young, \$26.91; O. Welch, \$58.76; W. Young, \$23.92; L. Jones, \$73.24; C. H. Counsell, \$67.83; W. Marks, \$23.92; C. Henrich, \$51.87; S. L. Mullan, \$401.34; Dan Mazzie, \$104.92; Art Wetmore, \$28.44; J. W. Schuld, \$31.18; F. Henrich, \$24.95; O. B. Olinger, \$26.19; L. France, \$7.45; C. E. Battin, \$3.49; E. L. Blackburn, \$20.94; Stanley Gibson, \$196.70; A. Bouchel, \$196.20; S. Cook, \$206.40; Elmer Frossard, \$226.20; I. W. Schuld, \$184.98; H. Messerger, \$16.95; W. C. Martien, \$31.41; R. Holmes, \$14.97; R. Rped, \$13.96; John Shields, \$29.95; M. Pittman, \$5.98; H. Imel, \$29.95.

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Special No. 36—C. R. Livesay, \$42; E. Hinman, \$14.90; F. Cumlin, \$14.94; C. Lander, \$36.10; J. McComb, \$22.41; J. E. LaCroy, \$63.84; T. Jubb, \$11.20; E. Bateson, \$14.94; J. Sevier, \$23.65; E. Ficken, \$49.90; J. Mattoon, \$29.94; E. Lankins, \$9.92; J. Hamilton, \$32.43; H. Tanler, \$39.92; R. Bateson, \$24.95; H. Huber, \$19.96; E. Hartman, \$19.96; J. Ficken, \$7.48; J. Mattoon, \$27.44; E. Ficken, \$32.43; E. Hartman, \$24.95; I. Ficken, \$14.97; W. Williamson, \$19.96; H. Tanler, \$24.95; E. Lankins, \$27.44; L. S. Penny, \$7.99; E. Bateson, \$13.59; W. Bateson, \$2.49; E. Himan, \$13.59; J. E. LaCroy, \$24.93; T. Jubb, \$11.20; H. Huber, \$4.98; E. Lankins, \$9.98; F. Magasaava, \$9.98; I. Keller, \$14.97; F. Trachsel, \$7.46; E. Hartman, \$4.99; John Mattoon, \$4.99; L. S. Penny, \$8.71; L. McComb, \$17.43; J. Sevier, \$25.14; Sam Jacobson, \$8.71.

Special No. 38—Barney Schoenberg, \$12.4; P. T. Monroe, \$1.99; W. A. Bard, \$7.49.

Special No. 39—Cascade Garage \$76.95; Smith Hardware, \$5.46; Harold E. Wooster, \$18.00; W. S. Morgan, \$13.99; Clyde Davis, \$42.33; Ralph Wade, \$69.59; Newton Boroman, \$10; J. F. Snyder, \$9.98; W. A. Osborn, \$44.91; F. H. Davis, \$24.91; W. K. Corbin, \$44.91; Joe Michal, \$44.91; Fred Davis, \$21.16; H. W. Davis, \$17.39; E. E. Pinkley, \$17.43; N. G. Henricksen, \$4.98; M. M. Duncan, \$112.43; S. E. Braey, \$9.88; Arthur Kelley, \$7.47; J. J. Whitley, \$4.91; Ward Jones, \$82.33; G. I. Dart, \$69.86; E. T. Davis, \$84.37; R. G. Palmateer, \$72.34; W. L. Shriner, \$17.43; Chester Dean, \$2.37; J. Whitfield, \$44.82; T. Eash, \$44.82; Arthur Bowman, \$17.43; Walter Leeson, \$17.43; C. G. D. Danielson, \$62.33; W. M. Pinkley, \$42.33; L. J. Palmateer, \$59.33; Earnest Amacher, \$22.68; L. A. Duncan, \$109.87; \$59.88; Curtis Wilcox, \$44.88.

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Special No. 42—George Williams, \$14.97; Tom Johansen, \$47.41; Perry Williams, \$22.41; Walter Beck, \$27.91; C. Beck, \$2.49; P. Crane, \$14.44; E. F. Wallace, \$37.43; C. Anderson, \$26.15; E. M. Fellows, \$34.88; T. Fellows, \$196; J. D. Crawford, \$94.81; A. Svenson, \$82.34; Alfred Svenson, \$39.92; Alex Erickson, \$74.85; John Jones, \$34.93; Albert Harris, \$74.85; N. A. Sorenson, \$2.49; Hugo Wicklund, \$52.29; E. Hansen, \$52.29; Axel Johnson, \$29.88; O. Bask, \$34.86; Rex Gordon, \$14.95; E. Austin, \$21.17; Ed. Johnson, \$89.78; John Carlson, \$19.96; Chester Dalmas, \$7.47.

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Special No. 16—Grover Freidrich, \$73.81; Fred Molzan, \$7.74; Charles Gelbrich, \$3.49; Almon Johnson, \$15.47; E. Sauer, \$14.96; Melvin Mahlum, \$19.95; Chas. Thomas, \$7.46; Earl Bowlby, \$12.32; Paul Bany, \$13.45; H. A. Warrington, \$8.71; Frank Zellenske, \$15.70; George Meyers, \$6.22; A. Kraxberger, \$6.22; Ralph Koehler, \$13.20; James Mahlum, \$3.73; Moxley Mack, \$3.73; Wm. Beeson, \$4.98; Geo. Koehler, \$7.95; A. B. Cole, \$14.21; C. Kraft, Jr., \$3.15.

Special No. 48—R. W. Zimmerman, \$49.86; L. G. Ziegler, \$37.99; G. Stuwie, \$9.98; F. E. Mills, \$50.60; Roy D. Zimmerman, \$2.49.

Special No. 49—Christ Lorenz, \$4.97; Jean Gribble, \$12.47; Julius Ganske, \$12.47; Willie Gibson, \$17.46; Adam Kalb, \$4.99; Luther Lorenz, \$6.22; Sylvester Gibson, \$7.47; Rudolph Klaus, \$11.97; George Scheer, \$26.20; George Smith, \$24.95; P. J. Scheer, \$29.95; Ed. Harnaack, \$29.95; John Kummer, \$31.15; Ben Krause, \$26.35; William Meyer, \$20.75; George Krause, \$14.94; Willie Rencken, \$16.18; Fred Lamour, \$14.94; P. J. Scheer, \$4.99; Ben Krause, \$4.99; William Meyer, \$2.49; Rudolph Klaus, \$3.99; Henry Drier, \$14.98; Bruno Kraxberger, \$7.49; Bruno Kraxberger, \$2.49; Raymen Heinz, \$2.49; Rudolph Klaus, \$7.98; Ralph Kehler, \$13.96; Julius Ganske, \$4.50; G. J. Frederick, \$31.73; Henry Gebert, \$23.70; Wm. Gelbrich, \$27.44; Wm. Gebert, \$41.18; Erich Mertz, \$34.93; Henry Johnson, \$19.92; Christ Goebel, \$11.22; Rudolph Klaus, \$79.88; Ralph Kehler, \$45.37; Wm. Gelbrich, \$14.97; Louis Gelbrich, \$12.00; G. L. Frederick \$493.12; G. J. Freidrich, \$125.00.

Special No. 58—Amel Velle, \$14.97; Hoken Kilo, \$5.98; E. Fuher, \$25.48; N. C. Nelson, \$8.75; F. Miller & Sons, \$2.00; Leon Judd, \$3.73; Joe Lehman, \$14.97; Otto Lybcke, \$3.80; C. F. Jackson, \$29.92; J. W. Watson, \$2.49; S. Westbostad, \$2.49; John Shunker, \$1.24; Carl Dromlich, \$24.54.

Special No. 51—Olaf Olsen, \$39.92; Harry Aspboe, \$38.67; Bill Brown, \$10; Joe Oster, \$4.99; Perry Campbell, \$18; Clarence Thomas, \$33.63; John Thurman, \$32.43; Norman Olsen, \$17.43; A. W. Albright, \$17.43; Walter Brown, \$17.43; Elmer Kleinsmith, \$9.96; Rex Albright, \$6.22; Ed. Albright, \$11.23; Dan Edwards, \$1.24; Charles McCormell, \$87.42; E. H. Sloan, \$46.63; Geo. Herbs, \$16.18; Loral Lamb, \$21.18; W. M. Frye, \$7.47; Charles Logne, \$15.55; A. Rich, \$1.24; C. Stanton, \$10.88; Ervin Lamb, \$45.74; Levi Kullis, \$20.22.

Special No. 52—J. W. Marrs, \$17.95; Julius Rulle, \$17.45; Ivan Lacey, \$3.78.

Special No. 60—Thomson Bros., \$7.48; W. G. Randall, \$9.00.

Special No. 63—J. Hays, \$14.97; J. Noidurt, \$6.23; L. Davids, \$7.47.

Special No. 35—Coast Culvert & Flume Co., \$88.07.

General Roads—Alaska Junk Co., \$30.60; Millard Avenue Fuel & Ice Co., \$91.00; Silica King Mines Co., \$340.00; Milwaukee Fuel & Feed Co., \$34.38; Oregon City Sand & Gravel Co