

Polk County Observer

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W. H. TOTTER.

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The way to build up Dallas is to pat-
 ronize Dallas people.

Spray for Weed Destruction.
 Oregon Agriculture College, Cor-
 vallis, Ore., Aug. 18.—A solution made
 by dissolving iron sulphate in water at
 the rate of 100 pounds to 52 gallons of
 water, will kill most broad leaved
 and succulent weeds and not injure,
 to any harmful extent, crops of grasses
 and grain in which they are growing.
 Its use, if properly prepared and
 applied, will prove very effective, but
 cannot take the place of rotation of
 crops, cultivation and summer fallow.
 Methods of preparation and use, with
 necessary restrictions and cautions,
 are set forth by Professor H. D.
 Seudder, agronomist of the Oregon
 Agricultural college somewhat as fol-
 lows:

The especial value of this spray in
 the destruction of weeds is due to the
 fact that it may be applied in such a
 way as to kill the weeds while they
 are growing in the grass or grain
 crop. As iron sulphate is a powerful
 silt action is similar to that of an
 alkali in the soil, drying the leaves up,
 turning them brown and causing them
 to die. It will not destroy grains or
 grasses because of its limited area of
 action on their narrow, linear leaves.
 Used as a spray, iron sulphate has
 been thoroughly tested by experiment
 stations as well as by manufacturers
 of the sulphate. If prepared properly
 and applied in the right way at the
 right time it will destroy dandelion,
 wild carrot, bull thistle, pepper grass,
 lamb's quarters, mustard, yarrow, wild
 daisy, shepherd's purse, pig weed and
 sorrel. If used to destroy dandelions
 on lawns it will injure the white clover.
 Nor can this spray safely be used
 on weeds growing in any broad
 leaved crop as it will destroy both
 crop and weeds.

To be most effective the spray
 should be applied during dry, sunny
 weather, for if the weeds are washed
 by rain within three days, the salt
 will not kill them. It should be ap-
 plied with a sprayer which will deliver
 the spray forcibly in a fine mist, so
 that the weeds may be covered as com-
 pletely as possible. The spraying
 should be done on a quiet day and
 should be applied to all weed just be-
 fore blossoming.

In making up the solution wooden
 barrels should be used, as the sulphate
 corrodes all metals except brass. As
 it loses strength on standing it should
 be made up fresh each day. The
 sprayer and all connections should be
 of wood, rubber or brass. After use
 the sprayer should be cleaned with
 water to prevent clogging or corroding.
 Made up in the required
 strength the solution will stain hands
 and clothing, but the hands may be
 protected with vaseline.

Where spraying is done on an exten-
 sive scale a large horse machine
 should be used. On a smaller scale a
 hand sprayer with a strong fine spray-
 ing nozzle will serve the purpose. For
 mustard in wheat fields, one spraying
 is sufficient, but for such persistent
 plants as dandelions it must be repeat-
 ed as often as the plant comes up.
 Flax or wheat may be sprayed without
 injury to the crop when it is from six
 to twelve inches in height, although
 the tips of the leaves may be turned
 brown.

Exterminate Jackrabbits.

The state authorities have recently
 launched a movement designed to as-
 sist in the extermination of jackrab-
 bits which have been on the increase
 in Central and Eastern Oregon for
 years past. So serious has the rabbit
 pest become that Governor West some
 time ago appointed a committee to
 take charge of the matter and if pos-
 sible devise means for the relief of
 farmers in the afflicted counties. The
 meeting was attended by State Game
 Warden Finley, State Veterinarian W.
 H. Lytle, L. A. Lewis and Prof. H. W.
 Henshaw, of Washington, D. C., chief
 of the biological survey of the depart-
 ment of agriculture. Mr. Henshaw
 has made a life study of animals and
 has given particular attention to the
 rabbit pest in Australia. He gave it
 as his opinion that the theory of inoc-
 ulation has little, if any, practical val-
 ue. Game Warden Finley stated that
 the value of the rabbit drive had been
 demonstrated in Eastern Oregon, be-
 tween 10,000 and 18,000 having been
 killed in three drives. It is said that
 the great increase in the number of
 rabbits is due to the killing off of the
 coyotes. As the coyote force diminish-
 es that of the rabbit increases and at
 the present time the are causing im-
 mense damage to crops and gardens.

Oregon Pears in Demand.

That Oregon pears are meeting with
 an enthusiastic welcome in Eastern
 markets is indicated by the sale of 15
 cars of Rogue River Bartlett's at the
 best price received since 1907—\$2.00
 per box F. O. B. Medford. Probably
 the highest price ever received for
 pears in quantity was that paid to a
 Medford grower in 1910, when a car-
 load of Anjou pears brought a total
 of \$2,238.20 to the grower, being 5
 cents each for all the pears in the car.

DECLINE IN HOG MARKET

Fairly Heavy Run of Cattle; Hog
 Market Weak; Sheep Market Is
 Strengthened.

Receipts for the week have been:
 cattle 2171; calves 18; Hogs 2020;
 sheep 6503; horses 27.
 Fairly heavy run of cattle for the
 week, both native and Southern stuff.
 Few extra choice steers in the run,
 prices remaining steady for top grades
 but going lower on medium class, es-
 pecially cows and heifers. Fancy na-
 tive steers sold from \$7.25 to \$8.35.
 Lower grades \$7.50 to \$8. Choice cows
 and heifers selling around \$6.25 to
 \$6.50, with lower grades \$5.75 to \$6.00.
 A wide range of prices between choice
 and ordinary stuff.

A big decline in the hog market
 with tops going from \$8.25 to \$8.60,
 with a general weak undertone. Light
 liquidation at week's close.

The sheep market strengthened a
 little for the last six days' period.
 Heavy receipts the first of the week
 and holding up fairly well to Thurs-
 day. Some lambs coming forward
 with slow outlet at steady prices.
 Prime yearling wethers selling \$4.00
 to \$4.35; choice ewes \$3.50 to \$3.85.
 Best lambs \$5.00 to \$5.50.

Forest Notes.

A Russian scientist claims to have
 discovered an inoculation for use as-
 gainst forest insects.

There are nearly six thousand pro-
 fessional foresters in Germany who
 are associated with various technical
 societies.

The university of Washington has
 secured the use of two sections of land
 on the Snoqualmie national forest in
 connection with its forestry courses.
 A tool used to fight fires on the Cal-
 ifornia forests combines a rake, spade
 and hoe. It is compact, so that it can
 be carried on horseback and weighs
 less than 5½ pounds.

In an increase in timber sales this
 year and in a decrease in receipts
 from timber trespass as compared
 with last year, national forest officers
 see a growing use of the forest and re-
 spect for the federal forest policy.

Long Distance Shipment.

An experiment in the long-distance
 shipment of perishable fruit about to
 be tried within a few days. An en-
 tire carload of peaches is to be dis-
 patched to Europe from the Yakima
 country, and in this shipment only the
 finest selected Elbertas will be used.

While the regulation boxes will be
 used, the layers of fruit will be sepa-
 rated by a cushion of wood fibre as a
 protection against rough handling and
 possible damage. If this trial shipment
 proves a success, it is probable that
 an extensive business in peaches will
 be developed by Pacific Northwest
 fruit exchanges. It is likely that the
 opening of the Panama Canal will re-
 sult in increased movement of the
 softer varieties of fruit, as they can
 be shipped direct with a consequent
 saving in time.

YAMHILL LIQUOR MEN WARNED

Officers Ordered to Watch for Illegal
 Shipments.

Deputy Prosecuting Attorney R. L.
 Conner has notified all liquor dealers
 in McMinnville and in Yamhill county
 and all city marshals that strict com-
 pliance must be made with the new
 law affecting liquor shipments into
 dry territory, and he expects that one
 notice will be sufficient warning, ac-
 cording to the McMinnville Telephone
 Register. Last week at Yamhill a
 quantity of wine was shipped to a
 party there from California without
 being properly labeled, and the pack-
 age was taken by the marshal and
 opened and the nature of the contents
 discovered and destroyed. Mr. Con-
 ner also gave his notice to a number
 of shippers of this class of goods, some
 of whom have responded, stating their
 understanding of the law where it
 says "kind and quality" to be that it
 should read "kind and quantity", but
 Mr. Conner is disposed to construe
 the law as it reads. One brewer was
 of the opinion that whiskey could be
 described only under the old formula:
 "some whiskey is good and some is
 better." Mr. Conner thinks that the
 packages should contain the test fig-
 ures as to strength and per cent of
 alcohol.

Buyer's Week.

For Buyers' Week, promoted by the
 Portland Commercial Club and the
 Chamber of Commerce, an organiza-
 tion has been perfected among Port-
 land manufacturers and jobbers for
 the purpose of making things enjoy-
 able for the visitors during the week
 of September 1-6. More than 100
 firms are included in the membership,
 and within a few days 25,000 invita-
 tions will be sent out to prospective
 buyers in this state, Washington, Ida-
 ho, Montana and Northern California.
 President Nathan Strauss, of the asso-
 ciation, states there will be no lack of
 entertainment during the week.

Davis Begins Sentence.

Louis Davis, sentenced to life im-
 prisonment for the murder of Mrs.
 Eliza Stewart, began the routine of
 prison life Saturday. Davis is work-
 ing in the main yard helping lay sewer
 main. Thorndyke, convicted on a
 statutory charge, is working in the
 brick yard.

Lodge Notice.

Jennings Lodge No. 9, A. F. & A. M.
 A stated communication will be held
 Friday, August 22. Important busi-
 ness. All members requested to be
 present. By order of the W. M.
 WALTER S. MUIR, Sec.

ED. P. COAD.

Attorney at Law.
 Probate Cases a Specialty.
 Room 20, National Bank Bldg.

—Trespass notices, weather proof,
 for sale at Observer Job office.

POLK COUNTY NEWS

BOWERSVILLE

(Too late for Friday.)

Mrs. Albert Bernard and daughter
 Violet, from Silver King, Wash., are
 visiting her parents, Mr. and Mrs. N.
 P. Rasmaussen.

Mrs. G. E. Kliever visited at G. J.
 Rempel's last Thursday.

Henry Quiering has moved in the
 new house which H. L. Crider has
 erected.

Miss Katie Dyck, of Dallas, called
 on her mother, Mrs. Quiering last
 Tuesday night.

Mr. and Mrs. J. F. Kliever and fam-
 ily, Mr. and Mrs. H. J. Kliever and
 Mr. and Mrs. G. J. Rempel visited at
 G. E. Kliever's Friday.

Mr. and Mrs. A. E. Haatvedt and
 Claudie Umh visited D. N. Kaegi,
 Sunday.

Mr. and Mrs. J. O. Wilson and Mr.
 and Mrs. Harder visited Mr. and
 Mrs. G. E. Kliever Wednesday.

Miss Anna Kliever and her two sis-
 ters visited with Lavern and Hilga
 Haatvedt, Tuesday.

Mrs. Carl Sieferee is visiting her
 sister, Mrs. W. E. Rasmaussen.

G. E. Kliever is working for D. N.
 Kaegi.

Mr. and Mrs. A. Rempel visited at
 the home of John Diehm, last Sunday.

Mr. and Mrs. John Ediger and fam-
 ily and Mr. S. S. Ediger left for the
 coast last week.

Mr. and Mrs. Platt visited at G. A.
 Rempel's Sunday.

Miss Marie and Anna Peters visited
 at the home of G. E. Kliever, Thurs-
 day.

Dr. and Mrs. D. G. Rempel and Eliz-
 abeth and Henry Rempel returned
 from the coast last Thursday.

OAK DALE

(Too late for Friday.)

Messrs. Skeels and Smith are haul-
 ing piling from the Macomber place.
 Mr. and Mrs. Roy Bird and children
 Clyde Robbins, of Pioneer spent
 Sunday visiting at Mountain View.

The Ross family have moved to
 Elendale.

The Dennis family have been on the
 sick list this week.

Will Shewey has moved his family
 to Dallas where he is doing street
 work.

Mr. Miller, who lately bought part
 of the Peterson place, is preparing to
 build a bungalow.

Linza Dennis and the Barham boys
 of Dallas, have been taking a few
 days' outing up the LaCreole.

Orin Farley and Mr. Britchard, of
 Liberty, have been camping near the
 Hallock homestead for a couple of
 nights. They saw a gray squirrel but
 they were not a bit afraid.

Mrs. Dennis and sons Will and
 Frank and little daughter, Ruth
 spent the week-end at McNary visiting
 Mr. and Mrs. J. R. Robbins.

Jim Wilson's aunt and cousin from
 Los Angeles, Cal. have been visiting
 him.

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30 Days Special at 25 Per Cent Discount

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 whole room full of people—or it
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 from \$14.00 upward. Other fans
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 every electrically lighted home.

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 estly. If you pay more you pay too
 much. If you pay less you get less
 either quality or quantity.

Dallas Lumber & Logging Co

Foreign Lumber Trade Good.

Oregon lumber is also enjoying a
 season of great popularity in foreign
 countries, judging from the present
 brisk demand. In one day the past
 week five vessels were chartered to
 carry Oregon fir from the Columbia
 River, three to Australia, one to New
 Zealand and one to England.

Satisfaction of Mortgage.

The Observer has added Satisfac-
 tion of Mortgage to its stock of legal
 blanks. Notaries and Attorneys may
 now secure them in any quantity de-
 sired. Phone orders for legal blanks
 given prompt attention.

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 (Successor to Dr.)
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 Phone 551

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 Mondays of each month
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