

# Lawn Irrigation Important to Every Gardener

## SPRINKLING IS SOMETIMES BAD

### Heavy Irrigation Which Will Sink Deep in Soil is Best Method Used

By Fred Blake  
The exact value of irrigation for lawns and gardens is known to only a few people. It is evident, by the way some people apply water that there is not only no system to the irrigating, but also no knowledge concerning why they should irrigate.

Irrigation is applied merely to supplant the water Nature would have supplied. In arid sections, moisture must be given artificially to keep the plant life supplied with the necessary plant foods. To the average amateur it is no necessary to go into detail as to the chemical composition of water, but it is necessary to know how to make a practical application of water where it will do the most good.

It is better to use a large quantity of water every two or three days rather than a mere sprinkling daily. The heavy irrigation penetrates the soil to a considerable depth where it gradually comes to the surface during a longer period of time. This method allows for more cultivation. Too much water is as harmful as too little and where a heavy application is made, followed as soon as the soil is dry enough to be worked with a shallow cultivating, water will be saved and the plant will become more thrifty.

There are several methods for applying water. Flower beds may be sprinkled or they may be irrigated by the ditch method. The sprinkler system is the easiest and employs the least time and is perhaps the most advisable for this section of the country. The sprinklers must be placed in such positions that every inch of the flower bed or lawn is reached with the spray. Very often one sees small sections of lawn or bed which is stunted in growth because of lack of water. This condition is never necessary if only a little more care is given to watering. If the sprinkler does not reach every section, attach the hand nozzle, and in a few moments, the untouched spots have received the same amount of water as the rest, and the result will be an evenly growing bed or lawn.

### Lawns Need Water

Lawns need more water than the flower bed, for two reasons. First, the lawn cannot be cultivated as the beds are, and secondly, the roots of the grasses are shallow and therefore must receive a greater amount of water to prevent them from drying out. For the general sweep of lawn, standing with a hand nozzle is a waste of time. The man who irrigates in this manner neither gives his lawn enough water nor applies it evenly. The use of large sprinklers is necessary for the large sweeps. These can be left standing for a considerable length of time while the gardener goes about his other business.

However, there is an important place for the hand nozzle. This should be used when watering blooming flowers. As a sprinkler would soon destroy the blooms, the use of a hand sprinkler comes in handy. The water can in this manner be controlled and with some care the blooms need not be ruined. Some people would rather remove the nozzle when watering their blooming plants, and merely use the open hose.

During the hot summer months, one occasionally sees small sections of the lawn dried up. This is especially true of slopes. These may be easily greened up by using a little system. The soil will be found hard in these sections and more than likely the grass is thin. The first job is to soften the soil. Water applied seems to roll off as soon as it is applied. If the soil is roughened a little in case the bare soil is on the surface, the water will take hold more easily. To soften these slopes, apply a small amount of water, then in a few minutes return to the same section and water again. Repeat this method until the soil is soaked to some distance. Water these sections twice a day during hot weather and soon green will appear. The use of an open hose will produce best results on the small steep slope. To build up a heavy stand of grass for preventing further drying out, apply a small amount of commercial fertilizer in the form of sheep guano.

The installing of the irrigation system is rapidly becoming popular. This system of sprinklers located at intervals over the entire lawn, irrigates evenly and thoroughly with a minimum of labor. The first cost is practically the only expense. There are no heavy hoses to drag around to get dirty and wet from, and no repairs to make on leaky hoses. There are no new hoses to buy when the old ones wear out, no sprinklers to get stopped up. The regular sprinkling system is indispensable in the growing of a new lawn. It has been noted that upon new lawns which were equipped with

## Success Marks End of Year At West Salem School and Principal Will Come Back

WEST SALEM, June 1. — The West Salem school was brought to a successful close Friday under the principalship of Miss Besse Shinn who has been hired as principal for another year.

Miss Odessa Grant, who has been teaching the seventh grade has accepted a position in a Dallas school for the coming year. Miss Cooke who taught the fifth grade, has taken a position in Albany, while Miss Dotson of the third grade, will teach in The Daily next year.

Miss Voth of the first grade, has resigned, and is not expected to teach the coming year. Miss Welch, who has been teaching the fourth grade, will take the place left vacant by the resignation of Miss Voth. Miss Hazel Emmett, of Orchard Heights, Miss Noland, formerly of Iowa, Miss Messenger of McMinnville, and Miss Ethel Grant, of Dallas, are the new teachers hired to fill vacancies. Miss McKee of the sixth grade and Miss Polley of the second grade will return next year to teach their respective grades.

**Box Factory Under Way**  
The new box factory, which was recently built and is being operated by John Freisen, is very busy these days making up boxes to fill orders. This shop, formerly operated in Salem before Mr. Freisen built the new factory here, it has a large floor space, having base-

## BALLOT TITLES ARE UPHOLD BY COURT

(Continued from Page 1.)  
have been filed with the secretary of state. This referendum was invoked by William F. Woodward, of Portland, and the ballot title was attacked by W. M. Davis. The attorney general has ruled that when the act is voted on as a referendum measure all electors in the state, and not alone those in Multnomah county, will vote on it. Had the supreme court not approved the Van Winkle ballot title the action would have become effective June 4, and within 15 days from that date Governor Patterson would have been required to appoint the judges to fill the new offices.

Since the referendum has been invoked against the state income tax act the state tax commission when it makes the annual state tax levy next December, will not levy on 1929 incomes. But if the people approve the income tax act when it is voted on in November, 1930, it is the opinion of the state tax office that the commission in the following December will levy on incomes for both 1929 and 1930. It was admitted that there is some uncertainty on this point. The legislative act providing for a special election June 23, this year, permits only the excise and the intangibles tax acts to be voted on at that time, but the referendum was not invoked on the intangibles, so there will be only one question before the voters.

The oral opinions of the supreme court will be followed by written opinions.  
**TROOP ONE WINS BOY SCOUT MEET**  
(Continued from Page 1.)  
were awarded by the judges, Bob Boardman and H. W. Stone, as follows:  
Inspection of troop and camp—Salem troop two, first; Monmouth troop 28, second; Salem troop three, third. Signalling—semaphore: Salem troop one, first; Monmouth troop 28, second; Salem troop three, third; Morse code: Monmouth, first; Dallas second; Salem troop one, third; Indian sign language: Salem troop one, first; Monmouth, second, no third.  
Knot tying—troop one, Salem, first; troop two, Salem, second; troop 12, Salem, third. Water boiling—Salem troop three, first; Salem troop 12, second; Independence, third. First aid—Salem troop two, first; Salem troop three, second; Independence, third. Wall scaling—Salem troop one, first; Monmouth, second; Salem troop two, third.  
Tug-of-war—Salem troop one, first; Salem troop two, second; Monmouth, third. Rescue race: Monmouth, first; Salem one, second; Salem two, third. Paul Revere—Salem one, first; Monmouth, second; Salem three, third. Fire by friction—Salem two, first; Salem one, second; Salem three, third.  
Signal tower race—Salem one, first; Salem two, second; Salem three, third. Archery—Monmouth, first; Independence, second; Salem three, third. Dressing race—Salem one, first; Salem 12, second; Salem three, third. Grover Kendall of Salem troop one won the individual prize, a flashlight for the dressing race event and Veri White of the Monmouth troop won a pair of keds for individual honors in the archery contest. Several special

## CANNERIES TO BEGIN PACKING

### Long Season Will Start for Salem District; Gooseberries First

(Continued from Page 1.)  
berries the latter part of the week.  
The Oregon Packing company will use no gooseberries this year, but will be ready for strawberries soon.  
There was no one at the office of the Northwest cannery yesterday afternoon, but this plant will of course take on its usual lines.  
**West Salem Plant Ready For Operations**  
The West Salem cannery, taken over by Reid, Murdoch & Co., is in order for the beginning of the season. They expect some gooseberries tomorrow, and strawberries for the cold pack process early in the week.  
The Hunt cannery will get some gooseberries tomorrow, and start on them within a day or two, with a scattering of strawberries the latter part of the week. A full supply will depend on the weather. It will not be long delayed. The Woodburn cannery will start on gooseberries tomorrow.  
The Hunt cannery will get some gooseberries tomorrow, and start on them within a day or two, with a scattering of strawberries the latter part of the week. A full supply will depend on the weather. It will not be long delayed. The Woodburn cannery will start on gooseberries tomorrow.

The new plant of Baker, Kelley & McLaughlin, cold pack specialists on North Front street, is all finished and equipped, and its managers "rarin' to go." George W. Johnson is on the staff there, with Mr. MacLellan in charge.  
There will be some picking of strawberries by contractors with their patches on the bottom lands, and some deliveries, tomorrow, and operations will begin.  
**Half Million Pounds Of Strawberries Packed**  
This company has on a hand 500,000 pounds for the cold pack process of strawberries. This means a half million pounds of berries for this part of the pack alone. This will perhaps be the largest operation of the kind ever made. Concerning how many pounds this concern will put into other cold storage packages (barrels and cans), no estimate can be made now. But the growers with 1500 acres of strawberries, in this district, are under contract. All of the Marshall type; the soft berries for the cold pack process.  
Several of the canneries also have the cold pack process. The big Hunt plant in Salem will put up more one pound cartons than last year, and more of the soft berries in other containers. How much more, W. G. Allen, the general manager, is not now certain. But this plant used nearly as many berries for the cold pack process last year as for canning.

It is very fortunate for this district that the big capacity of the cold storage plant of the Terminal Ice & Cold Storage company, on North Commercial street, has been largely increased—nearly doubled over that of last year. This gives an opportunity for the expansion of the cold pack concern here this year; very much needed to guard against some of the fruits going to waste for want of facilities for handling them.

**FRANKLIN HOYT IS CONTEST WINNER**  
(Continued from Page 1.)  
facture and sale of all malt, brewed and fermented beverages by the states within their own borders.  
All-four of the prize winning plans agreed upon the present im-

**TROOP 28 OF MONMOUTH RUNNERS-UP**  
Members of Troop one, high group for the day, who competed were: Frederick Edmondson, in charge, John Beckley, assistant, Kendall Grover, Norris Kemp, Donald Ellis, Vernon McQuade, Robert Heckman, George Ford, Willis Pearce, Robert Long, Ralph Wagers and Grover Bellinger.  
Troop 28 of Monmouth runners-up, was represented on the field by: Clive Tuttle, assistant scoutmaster, Bob Price, Kenneth Roth, Norman Roth, Harold Santee, Gordon Ebbert, Douglas Kabler, Elton Hoskins, Curtis Hall, Veri White, John Murdoch, Bill McClain, Richard Snyder, Russell Sheon, John Osborne and Glenn Halladay. W. Bernard Morse is scoutmaster and was present to direct the boys.  
Members of Salem Troop two, which placed third: Rex Sanford, scoutmaster, Phil Ferry, assistant, Ron Bushnell, assistants: Rodney Howardman, Glenn Howardman, Jesse Humphrey, Joe Meaney, Stanley King, Norman Humphrey, Maynard McKinley, Jack Collins, Milnor Stanford, Irving Miller, Arthur Wendell Cross, Billy Cross, Clyde Carmine, James Tumbless, Willard Collier, George Jewitt, Melvin Adams, Glenn Ferris, Don Chapel, James Bickford, Eugene Lamire, Bill Pero and Kenneth Marston.  
Salem troop 12—Johnnie Whitehead, in charge, Donald Collins, Parker Gies, Wayne Duncan, Charles Lapschies, Harold Gardner, William Lapschies, Russell Freeman, Arthur Adalard, Gordon Graber, Donald Sumpter, Gordon Black, Jim Hill, Marcus Crowley and Tom Pomeroy.  
Troop 26 of Dallas—Otto Fisher in charge, William Cadle, William Fisher, Howard McFetridge, John Robert Allgood, Frank Meiers, Robert Hopson, Adolphus Ballantyne and William Cochran.

**Mrs. Swope Will Assist At Y. W.**  
Mrs. C. A. Swope, member of the Y. W. C. A. board, has been named to assist in the office management of the Salem Y. W. until such a time as a new general secretary is secured to succeed Miss Elizabeth Baker, resigned. Miss Swope left the city Saturday, Mrs. Swope, who will begin her new duties Monday, will work under Mrs. Eric Butler. Mrs. Butler will direct the association activities until a regular secretary is chosen, probably in the early part of next month.

**MERGER LOOMS**  
LOS ANGELES, June 1.—(AP)—President J. L. Maddux of the Maddux Air Lines announced today that merger of the company with Transcontinental Air Transport Inc., was about to be consummated.

**Attention Berry Growers**  
Special Price on Carriers and Crates  
At our new plant in West Salem  
**SALEM BOX CO.**  
Next to Copeland, lumber yard, West Salem  
Telephone 768

**Do You Remember?**  
Only a few years ago, when there was a livery stable where the beautiful Elsinore Theatre stands today. An old hotel and fire trap buildings occupied the ground on which the Elgin building and theatre stands—and do you remember the shacks that stood on High street in the present location of the New Salem Hotel.—Yes, and then a five story building was on a scrap—Today the First National Bank building stands 11 stories high. All this has taken place since we opened our lumber yard and built our warehouse on North Capitol street at Union in April, 1925.—Salem is surely going ahead.

**Permits issued from the city building inspector's office since last week include:**  
Anton Kufner Repair dwelling at 1510 North 21st street \$200  
Frank W. Hurlburt Dwelling at 1950 Warner street \$200  
Oregon-Washington Water Service company Pump house on Madison street \$1300  
Erickson and Engstrom, contractors Repairs on store building at 720 D street \$100  
D. R. Doerkson, contractor W. A. Bentschlar Repair of dwelling damaged by fire at 935 Madison street \$1000  
W. H. Wentock Garage at 1460 Broadway \$70  
James W. Taylor Garage at 1161 Union street \$125  
Arthur Tucker Erect 1 1/2 story Dwelling at 1760 McKay \$2500

**BUILDING PERMITS ISSUED THIS WEEK**  
Erect 1 1/2 story Dwelling at 2110 Maple \$2000  
Barham Bros. Contractors Henry Verdeck Repair 1 story Dwelling 777 N. Cottage \$150  
J. B. Peters Erect 1 1/2 story Dwelling 1835 S. Church \$3500  
Lumber and its manufacturing ranked eighth among sixteen industrial groups listed, according to the value of their products, in the "Commerce Yearbook, 1928." These wood products totaled an aggregate value of \$3,689,000,000 and employed 921,145 wage earners. Southern pine and Douglas fir led in quantity and value of exports.  
For Lumber or any building supplies call 2245 or 2247 or drop at our office and warehouse, corner of North Capitol and Union streets.

## SALEM MAN ASKS HELP FOR WHEAT

### William D. Ellis Sets Out Stirring Appeal Before Commerce Board

An appeal for a 35 to 50 per cent reduction in freight rates on grain products was made Friday before the Interstate Commerce commission in Washington, D. C., by William D. Ellis, of Salem, counsel for the Oregon public service commission.  
Mr. Ellis left Salem about 10 days ago to represent interests of the northwest at the hearing. He contended that the reduction requested is not only necessary for the relief of grain growers, but may be made without injustice to the railroad. He presented figures prepared by J. P. Newell, consulting engineer for the Oregon commission, which he said indicated that grain is now contributing an undue proportion of the cost of maintaining railroad service.  
Attacks Examiner's Report  
Discussing claims of the middle western states to preferred consideration as the leading grain area, Ellis declared that the Columbia river ports of Oregon are the largest grain exporting ports in the United States.  
Grain growers in the Pacific Northwest, he said, are handicapped by Canadian competition. Export rates which are from 33 to 90 per cent higher in this territory than they are in Canada, prevent them from competing with the Canadian growers in the world markets, he said.  
A report on grain rates by an examiner of the commission, which recommends increased rates in certain sections, was devoted entirely to protection of railroads, millers and the markets, Ellis said.  
"No consideration whatever," he added, "was accorded grain growers, for whose relief congress directed investigation."

## TILDEN AND HUNTER ARE BOTH DEFEATED

PARIS, June 1.—(AP)—In two great tennis contests at the Roland Garros stadium this afternoon Bill Tilden and Frank Hunter stormed the ramparts of French supremacy and failed.  
Big Bill was beaten by his old foe, Rene Lacoste, 6-1, 6-0, 6-7, 6-3, in the semi-finals of the French championship in a match which would have been a route but for a great stand by the American in the third set.  
Shortly before, Jean Borotra, the bounding Basque, came from behind to trim Hunter in the quarter-final 6-8, 10-8, 4-6, 8-6, 6-4.  
With the downfall of America's first and second ranking stars the last chance of capturing the only important men's singles title which has never been won by a player from the United States vanished for this year at least. The renowned three musketeers of France are in sole possession of the field with Lacoste already in the final and Henri Cochet scheduled to dispute the remaining semi-final with Borotra tomorrow.

**SPRING VALLEY HAS VISITORS**  
SPRING VALLEY, June 1.—Mr. and Mrs. Floyd Van Ripper of Eugene spent two days this week with Mrs. Van Ripper's parents, Mr. and Mrs. Phillip Daum.  
Mrs. Walter Brog and her small daughter, Delores, of Clatskanie, were visitors this week at the home of Mrs. Brog's sister, Mrs. L. F. Matthews. Mrs. Brog returned home after Memorial day.

**Bayside Gardens**  
Nehalem, Ore.  
Excellent soil and climate for lily and daffodil bulbs and flowers.  
Write James Snipes, Manager, for further information.  
Nehalem, Ore.

**Baby Turkeys in quantities will bring big profits this fall. Special 50c ea.**  
**Husky High Grade CHICKS**  
WHITE LEGHORNS—\$6, \$8.50 and \$10.50 per hundred  
Brighten up your yard with flowers. Inspect our large selection of Bedding Plants and Porch Box Flowers  
**Salem's Petland**  
"Something New Every Day"  
273 State St. Telephone 656

**Gabriel's Weekly Puffs**  
Published each week by Gabriel Puff & Supply Co.  
No. 3 SUNDAY, JUNE 2, 1929 Vol. 1

**Don't Use Lime On Your Lawn**  
Lime is not a fertilizer, burns up the humus, does not contain any plant food, is very seldom beneficial to the lawn, and oftentimes does a positive injury. The valuable lawn grasses prefer the natural acid soil of Western Oregon and thrive best under such conditions. When lime is applied, the sweetened soil discourages the growth of the most valuable and useful lawn grasses, and encourages the growth of many undesirable plants, such as dandelions, chick weed and plantain.  
Lawn grass is a heavy feeder, and the constant mowing of the lawn removes the plant food which must be replaced. A lawn will respond to yearly application of fertilizer very noticeably. Invariably such treatment causes the grasses to grow so vigorously as to crowd out undesirable weeds and causes them to disappear—moss grows only on soil that is starving.  
**LILLY'S MORCROP FERTILIZER**  
A COMPLETE FERTILIZER  
A sack of Morcrop Fertilizer applied to the lawn will result in an immediate improvement in color and growth. It is easy to apply, has no objectionable odor and the result of a healthy, well-fed lawn will be to crowd out weeds and moss.  
Beneficial results from the use of Morcrop are guaranteed.  
**CHAS. R. ARCHERD Implement Co.**  
Telephone 173 210 State

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No one can afford to pass up these real Reductions, if in need of anything in the Furniture, Rug or Linoleum Line.

Our duplicate stock is beginning to feel the effects of the sale but the general stock and assortment is still in fine shape. It is a satisfaction to have our customers tell us every day that our reductions are the real thing.

**Salem's Perfect Lawn**  
Just Completed by **Blake & Co.** Landscape Gardeners  
at 370 N. Summer St.  
FOR DETAILS PHONE 1324-M

**Baby Turkeys in quantities will bring big profits this fall. Special 50c ea.**  
**Husky High Grade CHICKS**  
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**Again we say if in Need of Anything in the Furniture Rug or Linoleum Line**

You cannot afford to pass up the quitting business prices at **Chambers & Chambers** N. High St.