

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Oregon State College (Department of Agricultural Engineering)

of Corvallis, Oregon, county of Benton

state of Oregon, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Willamette

tributary of Columbia

2. The amount of water which the applicant intends to apply to beneficial use is \_\_\_\_\_ cubic feet per second or \_\_\_\_\_ gallons per minute.

3. The use to which the water is to be applied is Irrigation of hops for research purposes

4. The well or other source is located S 35° 20' 30" E, 741.70 feet from the S.E. corner of the Simon D. Earl D.L.C. #75, T 12 S, R 5 W, W.M.

(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the NE 1/4 of the NE 1/4 of Sec. 1, Twp. 12 S, R. 5 W, W. M., in the county of Linn

5. The No diversion line - wells located on irri- to be \_\_\_\_\_ miles in length, terminating in the \_\_\_\_\_ of Sec. \_\_\_\_\_, Twp. \_\_\_\_\_, R. \_\_\_\_\_, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Hops Well

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

8. The development will consist of ONE WELL having a diameter of 8 inches and an estimated depth of 35-45 feet. It is estimated that 30-40 feet of the well will require plain pipe casing. Depth to water table is estimated 15-20

**CANAL SYSTEM OR PIPE LINE—**

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At ..... miles from headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(c) Length of pipe, ..... ft.; size at intake, ..... in.; in size at ..... ft. from intake ..... in.; size at place of use ..... in.; difference in elevation between intake and place of use, ..... ft. Is grade uniform? ..... Estimated capacity, ..... sec. ft.

10. If pumps are to be used, give size and type Centrifugal 1 1/2" discharge

Give horsepower and type of motor or engine to be used 12 HP Gas Engine

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

12. Location of area to be irrigated, or place of use

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
12 South	5 West	1	NE 1/4 of the NE 1/4	7.5
"	"	"	SE 1/4 of the NE 1/4	6.5

(If more space required, attach separate sheet)

Character of soil Newberg sandy loam

Kind of crops raised Hops and field crops

Application for permit, certificate or adjudicated right of \_\_\_\_\_  
and an amount of population of \_\_\_\_\_

- 14. Estimated cost of proposed works, \$ \_\_\_\_\_
- 15. Construction work will begin on or before September 15, 1958
- 16. Construction work will be completed on or before October 15, 1958
- 17. The water will be completely applied to the proposed use on or before May 1, 1959

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant.

Remarks: \_\_\_\_\_

*Oregon State College*  
*By: Wheeler Callhoun*  
*Farm Syst Farm Crop: Fruit*

STATE OF OREGON, }  
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for \_\_\_\_\_

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before \_\_\_\_\_, 19 \_\_\_\_\_

WITNESS my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

County of Marion,

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 0.18 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from a well

The use to which this water is to be applied is irrigation

If for irrigation, this appropriation shall be limited to 1/80 of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 2 1/2 acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The priority date of this permit is September 19, 1958

Actual construction work shall begin on or before September 26, 1959 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1959

Complete application of the water to the proposed use shall be made on or before October 1, 1960

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

WITNESS my hand this 26th day of September, 1958

LEWIS A. STANLEY STATE ENGINEER

By Max F. Rogers, Deputy

Application No. G- 1258  
Permit No. G- 1013

PERMIT  
TO APPROPRIATE THE GROUND  
WATERS OF THE STATE  
OF OREGON

This instrument was first received in the  
office of the State Engineer at Salem, Oregon,  
on the 19th day of September,  
1958, at 8:00 o'clock A.M.

Returned to applicant:

Approved: September 26, 1958  
Recorded in book No. 4  
Ground Water Permits on page 1013

LEWIS A. STANLEY STATE ENGINEER

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