

Oregon white oak/Garry oak Planting Survey

Instructions

This survey is an effort to collect information on the success of planting Oregon white oak (a.k.a. Garry oak; *Quercus garryana*) seedlings. Currently, little is known, but with the help of your information, we will create recommendations for planting that we will make available. We are interested in seedling measurements around the time of planting and then re-measurements once every year after that for as long as you are willing to make them. All measurements and re-measurements should be done in fall, winter, or early spring, when the oaks are not growing. If the tree has started height growth, wait until fall to measure or measure to the point where it stopped growing last year. If you don't have measurements from when the seedlings were planted, that's OK, we would appreciate your information too. After we receive a completed form from you, we'll mail you a remeasurement form the following winter.

Filling out the form

Contact Information: this information will be kept confidential and will only be used if questions arise regarding the survey, if you request information from us, or to send you more blank survey forms.

Planting Information:

Site name/location: This is a description of the planting location. Examples: "1.6 miles south of Oaktown, on west side of Hwy 101" or "My yard- see above address" or "Oaktown memorial park"

Source of seedlings: Name of nursery or government agency, etc.

Site/soil/vegetation description: This is your impression of the site/soil/vegetation. If on a slope, which way is it facing? Examples: "South-facing hillside with dark soil, recently harvested large Douglas-fir" or "Old pasture, gently sloping NW, sandy soil with many rocks, tall grass" or "Flat site, clay soil, scattered large oak trees, some blackberry bushes." If you know the soil series or the site's elevation, you can enter that.

Cultural Treatments:

If you used different treatments or combinations of treatments for any of your seedlings, for example, if you only watered one group of them or only fertilized one group, then please use a separate form for each group. If you have more than 20 seedlings to measure with the same treatments, you can attach paper or additional survey forms.

Measurements:

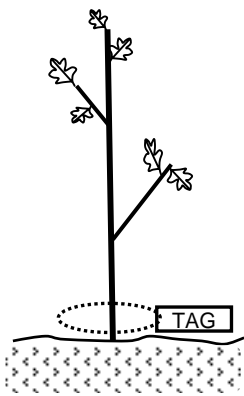
Tagging seedlings: By tagging the seedlings with numbered tags you can track them for future re-measurements. After seedlings are planted, tag them with aluminum tags- if tags were provided to you (we can supply some; see contact info on next page). See diagram below for the proper tagging method. If you *don't* use tags, you can sketch a map of the seedling locations and number them on the map starting with #1. Be sure to map landmarks or use a compass, and remember to save the map. If you desire, you can send us a copy and we'll preserve it.

Tag #: Use the aluminum tag number, or, if you map your seedlings, assign each a unique number.

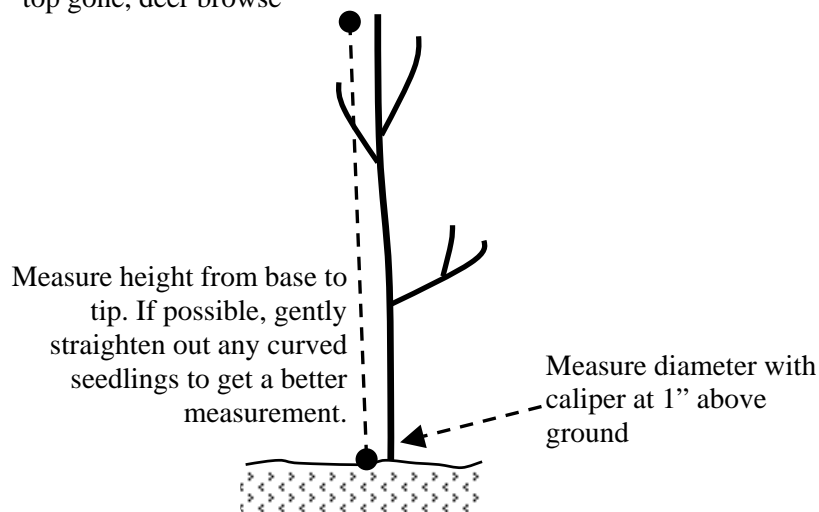
Height: Measure (see below) in inches or centimeters from ground to highest stem point. A yardstick or any kind of tape measure will work well.

Diameter: This is optional, but if you have a caliper you can measure the stem diameter easily. The diameter measurement is taken one inch (or 3 cm) above the point where the stem enters the ground (see below).

Notes: Anything special or unusual about a particular seedling. For example: "two main stems, I measured tallest one" or "stem chewed, maybe by gopher" or "top gone, deer browse"



Tagging seedlings. Tag around base of seedling. Keep loop very loose to allow for growth. Tag can be moved to a branch when the oak gets bigger.



Measure height from base to tip. If possible, gently straighten out any curved seedlings to get a better measurement.

Measure diameter with caliper at 1" above ground

Measuring seedlings

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Contact Information

Name:		Phone:
Street address:		City:
State:	Zip code:	Email:

Planting Information – If this is a remeasurement, we only need information that applies to the past year. These items are marked with an asterisk (*).

Please check one: <input type="checkbox"/> First time measured <input type="checkbox"/> Remeasurement	
Site name/location:	Date planted:
State:	* Date of seedling measurement:
County:	
Source of seedlings:	Seedling age at planting (if known):
Site/soil/vegetation description:	

Cultural Treatments (please circle all that apply)

Seedling type: Bare root / Sowed acorns / 1-gallon round pot / 1-gallon tall pot / Other pot size: _____	
Preplant treatments: None / Disking / Herbicide, when & type _____ _____ / Scalping / Other _____	Planted in: Full sun / Partial sun / Shade
Root pruning before planting: None / On all seedlings / On some seedlings	Planting method: Shovel / Auger
* Fertilization (circle all that apply): None / At planting / End of year 1 / Other time _____	
* Fertilizer type/rate: _____	
* Watering: Never / At planting / Weekly / Other _____ Amount _____	
* Browse protection: None / Solid tube / Plastic mesh tube / Wire mesh tube Tube Height _____	
* Rodent protection, if any: _____	
* Weed control after planting: None / Weed-block mat / Hand weeding / Hoeing / Mowing, # of times _____ / _____ / Herbicide, when & type: _____ / Other _____	
Comments / other information:	

Please return completed survey to:

Oak Regeneration Survey
 Olympia Forestry Sciences Lab
 3625 93rd Ave SW
 Olympia, WA 98512-9193

Questions? contact: Warren Devine (360) 753-7675 wdevine@fs.fed.us

