

Oregon White Oak/Garry Oak Acorn Production Survey Form

Date of survey _____ Surveyors Name _____ Phone _____ Email _____

Street Address _____ City _____ State _____ Zip Code _____

Location (include map if possible): State _____ County _____ Name of Area _____

For each tree fill in one line on this table. Required information is in the bold box. (continue on additional sheets if needed) Measurement: English _____ Metric _____
 Surveys in subsequent years only require items 1 and 3 plus anything that has changed substantially. Repeat tree measurements about every 5 years .

1) Tree number	2) Diameter (in or cm)	3) Acorn code	4) Contact trees	5) % crown contact	6) Ground disturbance	7) Ground vegetation	8) Mistletoe	9) Health	10) Setting	11) Water Availability	12) Fertilized recently?	13) Stems per clump	14) Tree height	15) Crown width	16) Elevation	17) Aspect (azimuth)	18) Slope %	19) Years since last fire	20) Tree shape

- **1) Tree Number:** Assign a number to each tree beginning with "1". Select trees taller than 1.3 m. or 4.5 feet.
- **2) Diameter** at 4.5 feet (1.3 m) above the ground in inches or centimeters (Please check the blank for English or Metric above to indicate which you used).
- **3) Acorn code:** **1)** No visible acorns. **2)** acorns visible after very close inspection. **3)** acorns readily visible. **4)** acorns readily visible, cover the entire tree, limbs appear to sag from the weight of the acorns. Survey for mature acorns only.
- **4) Contact trees:** Record the number of trees of similar or greater size whose crowns contact the crown of this tree.
- **5) Percent of crown contact:** Record the percent of the crown circumference in contact with other tree crowns (trees recorded in #4).
- **6) Ground disturbance** under the crown: Record the percent of the area under the crown that is disturbed. *Describe the disturbance in notes on the back.*
- **7) Ground vegetation:** Record one or more numbers in order of abundance, separated by slashes: **1)** bare, **2)** grass, **3)** forbs, **4)** shrubs, **5)** small trees.
- **8) Mistletoe:** Record one of the following numbers: **1)** none, **2)** light(<=5 brooms), **3)** moderate (6-10 brooms) **4)** heavy (>10 brooms)
- **9) Health:** Record one number: **1)** healthy, all bark and major limbs present and alive, no visible rot, full crown of healthy leaves; **2)** healthy but has one or more of: missing bark, broken major limbs, visible rot; **3)** tree appears unhealthy-- much visible rot, sparse foliage, major branches broken or dead.
- **10) Setting:** Record one number: **1)** urban, **2)** agricultural, **3)** grassland or savanna, **4)** woodland or forest
- **11) Water Availability:** 1) Irrigated weekly, 2) Irrigated monthly, 3) Irrigated 1-3 times/summer, 4) Not irrigated, 5) Edge of stream/wetland, 6) In wetland.
- **12) Fertilization:** Record Y for yes or N for no or dk for don't know. Has the tree been fertilized within the last 5 years?
- **13) Clumping:** Record the number of oak stems (trunks) within 1 meter (3 feet) of the base of the sample tree.
- **14-20)** See instructions. If you cannot get data for 14-20 would you like some help if we can arrange it? YES NO

Return completed forms to: Oak Survey, Forestry Sciences Lab, 3625 93rd Ave. SW, Olympia, WA 98512-9193
 Questions? Contact David Peter 360-753-7654 or dpeter/r6pnw_olympia@fs.fed.us