Pacific Madrone Common Garden Trial

2015 Assessment Key

1. **ID Tag** [0 = missing or 1 = ID OK (default)]. Note the family name if the name on the tag does not match the name in the data file.

2. **Plant Condition** (1 - 5)
   - 1 = Alive (default)
   - 2 = Shoot dieback evident, but still alive

   - 3 = Wilted

   - 4 = Dead
   - 5 = Missing

3. **Plant height (cm)**
    Total height of seedling

4. **No. of leaders** (1 is default)

5. **Active new growth evident on terminals**
    [0 = none (default), 1 = bud swell, 2 = new leaves]

1 – bud swell

2 – new leaves

6. **Frost damage** [0 = none (default), 1 = related to immature flushes (older foliage not wilted), 2 = shoot dieback, affecting less than half of the tree, 3 = shoot dieback, affecting more than half of the tree, 4 = whole tree affected, may be dead].

1 = frost damage on new flushes

2 = less than 50% of tree affected

3 = more than 50% of tree affected

4 = tree may be dead.

7. **Leaf spot/foliage blight** (we will rate the severity and incidence. These scores are then   multiplied together resulting in an overall rating score that ranges from 0 to 100, with 100 being highly susceptible.)

Severity - rate the severity of symptoms on the most severely impacted current season leaf
- 0 = none
- 1 = slight (<25% of leaf area affected)

- 5 = moderate (25 to 50% of leaf area affected)

- 25 = severe (>50% of leaf area affected)

Incidence of leaves on the whole tree with that severity rating is then rated on a scale of 1 to 4
- 1 = <25 of leaves with severity rating
- 2 = 25-50% of leaves
- 3 = 51-75% of leaves
- 4 = >75% of leaves

8. **Comments** (add additional numbers/comments as needed)
   - 1 = Leaf rust present

   - 2 = Chewing insect damage evident

- 3 = Variegated foliage present

- 4 = Browse damage evident

- 5 = Burrowing varmint (mole, gopher, badger, etc.) activity around tree.

- 6 = reddish-green, fully expanded foliage

- 7 = Basal sprouts

- 8 = multiple flushes on leader

- 9 = flowering