



# MORRIS WHOLESALE NURSERY

1909 PATTERSON ROAD RIVERBANK, CA 95367

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## DIAGNOSIS OF PLANT DISEASES

### Shrubs, Poor Leaf Color, Limbs Gradually Dying:

1. Poor planting site and/or poor soil preparation.
2. Poor soil drainage.
3. Improper physical and chemical characteristics of the soil.
4. Planted too deep.
5. Root rot or nematode injury.
6. Improper soil pH.
7. Mechanical injury.
8. Drought damage.

### Plants Dying Suddenly:

1. Root rot or insects.
2. Over-fertilization.
3. Severe drought damage.
4. Chemical damage
5. Natural gas injury.
6. Mechanical injury.

### Leaves Wilting:

1. Drought.
2. Flooding.
3. High light intensity.
4. Heat stress.
5. Root rot.
6. Conducting vessels plugged due to pathogens, gummosis, etc.

### Browning of Margins or Tips of Leaves:

1. Poor planting site and/or poor soil preparation.
2. Poor chemical and physical characteristics of the soil.
3. Planted too deeply.
4. Cold or sun scald injury.
5. Drought damage.
6. Transplant shock.
7. Poor soil drainage.
8. Excessive fertilization.
9. Root disease.

### Chlorosis (yellowing) of Leaves:

1. Poor planting site and/or poor soil preparation.
2. Poor chemical and physical characteristics of the soil.
3. Nutritional deficiencies.
4. Poor soil drainage.
5. Over-fertilization.
6. Root rot or insect/rodent injury.
7. Natural gas injury.
8. Herbicides.
9. Natural variegation.

### Plants Failing to Flower:

1. Plants too young.
2. Excessive vegetation growth.
3. Floral diseases.
4. Excessive shade.

### Plants Fail to Produce Berries:

1. Cold or frost damage during flowering period.
2. Male plant.
3. Improper pruning.
4. Floral diseases.

### Loss of Berries before Maturity:

1. Fungus diseases.
2. Drought injury.