Plant Problem Diagnosis- A Systematic Approach

Step 1. Evaluation
Plant = _____ Cultural Requirements = _____
Does a problem exist?: **Yes** **No** If yes, proceed to Step 2

Step 2. Problem Hypothesis:
What plant tissues appear to be affected: _____

Describe the Symptoms (abnormal plant appearance):

Circle Symptom Characteristics:

Distribution	random	regular	unknown
Rate of Appearance	gradual	quick	unknown
# Species Affected	one-few (related)	one-many (unrelated)	unknown
Spreading/Infectious	yes	no	unknown

Any Signs (physical presence of problem entity) **Present? Describe:**

Does the Cause of the Problem appear to be: **living (biotic)** or **nonliving (abiotic)**

What Category (e.g. mechanical, insect) of Damage:_____

What Specific Factor/Organism (e.g. bacteria, mite) : _____

Hypothesis of Problem Origin:_____

Step 3. Evidence & Verification:

Evidence observed/found:

References consulted:

Step 4. Hypothesis Evaluation:
Does the Evidence Fit the Hypothesis: **yes** **no**

Diagnosis/Recommendations or Further Action Suggested: