UVM Extension Master Gardener Helpline Insect and Disease Diagnosis Worksheet

1. Common name of host plant: Kousa Dogwood

2. How long have you had the affected plant? Both trees were planted as large bushes on 7/1/2020.

3. Plant parts affected:
   - ☐ Leaves
   - ☐ Roots
   - ☑ Flowers
   - ☐ Fruit
   - ☐ Stem
   - ☐ Entire Plant
   - ☐ Trunk
   - ☐ Unknown

4. Symptoms noticed:
   LEAVES:
   - ☐ Yellowing
   - ☐ Holes in leaves
   - ☐ Leaf rotting or streaking
   - ☐ Wilt
   - ☐ Leaf spots
   - ☐ Abnormal growth or gall
   - ☐ Defoliation
   - ☐ Burning of margins
   - ☐ Leaf curled or puckered

   BRANCHES/TRUNK:
   - ☐ Cracks in bark
   - ☐ Gummy discharge
   - ☐ Abnormal growth on twigs or stem
   - ☐ Stunting
   - ☐ White stuff on bark
   - ☐ Hole in trunk
   - ☐ Wilted branch tip
   - ☐ Abnormal growth on trunk

5. Distribution of damage or disease symptoms on plant:
   - ☐ Top branches
   - ☐ Tip of branches
   - ☐ Scattered throughout
   - ☐ Bottom branches
   - ☐ All branches on one side
   - ☐ All over the plant

6. When was the problem first noticed? Since May 2022: limited flowers on tree 1, little to no flowers on tree 2

7. Soil drainage: ☐ Very wet ☐ Very dry ■ Good drainage

8. How often do you water: Is soil allowed to dry between watering? ■ Yes ☐ No
   Does container have drainage holes? ☐ Yes ☐ No

9. Recent weather: ☐ Rainy/wet ☐ Very dry ☐ Cold ■ Normal/Average

10. Light conditions:
    IF OUTSIDE: ■ Full sun ☐ Light shade ☐ Heavy shade
    IF INSIDE: ☐ Direct sun ☐ Indirect sun ☐ Little or no light

11. Current management practices (brand, rates, amounts used, dates of application):
    - ■ Fertilizer: Miracle Grow tree & shrub spikes 5/1/2021, Miracle Grow Bloom Booster 5/15/2022 & 2023
    - ■ Pesticides: Seven concentrate applied with hose on 5/19/2024 to entire bed
    - ■ Weed killer: Preen applied to bed on 5/4/2024, then top mulched

12. Recent environmental disturbances:
    - ☐ Soil added or removed
    - ☐ Frost
    - ☐ Other:_____
    - ☐ Gas or sewer leaks
    - ☑ High winds
    - ☐ Construction nearby
    - ☐ High temperature

13. If it is an insect problem, how many insects have you seen?
    ☐ A few (1-2) ☐ Moderate Amount (10-20) ☐ Too many to count

14. How long has the pest been a problem? No pests - just a lack of flowers

15. Where was the problem seen (for household pests)?
    - ☐ Kitchen
    - ☐ Attic
    - ☐ Porch
    - ☐ In food
    - ☐ Basement
    - ☐ Window sills
    - ☐ In bed
    - ☐ Stored food products
    - ☐ Closets
    - ☐ In rugs
    - ☐ Bed room
    - ☐ In clothes
    - ☐ Living room
    - ☐ Around foundation
    - ☐ Other:
    - ☐ Dining room
    - ☐ Garage

16. Other information that might be useful:

    The bed was created with about 18 inches of topsoil that was covered in mulch. Both trees were planted as large bush