Live Plant Sample
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NC STATE UNIVERSITY
A&T STATE UNIVERSITY
COOPERATIVE EXTENSION
Helping People Put Knowledge to Work

Client name: _____ Agent name: _____
Street address: _____ Phone: _____
City/State/Zip: _____ Email: _____
Email: _____
Phone: _____
Date collected: _____ Date submitted: _____

Send results to: CLIENT ☐ AGENT ☐ KEEP RESULTS CONFIDENTIAL ☐

Describe the weed characteristics as clearly as possible. Include all information that applies.

1. Plant type: Tree ☐ Shrub ☐ Vine ☐ Herbaceous ☐ Aquatic ☐ Grass ☐ Broadleaf ☐ Algae ☐
2. Plant size: Height _____ Width _____ Area infested: _____
3. Growth habits:
   Upland species: Upright/Erect ☐ Prostrate/Low Growing ☐ Climbing ☐
   Aquatic species: Floating-rooted ☐ Free-floating ☐ Submersed ☐ Emergent ☐
4. Flowers: Color _____ Size _____ Unique features _____
5. Plant age: Annual _____ Perennial _____ _____

Describe the site characteristics as clearly as possible. Include all information that applies.

1. Site type: Fast-flowing ☐ Slow-flowing ☐ Standing ☐
   Pond ☐ Lake ☐ River ☐ Creek ☐ Ditch/Canal ☐ Wetland/Swamp ☐
2. Site size: Area (or length and width) _____ Water volume _____
   Max depth _____ Avg. depth _____
3. Infestation: Area (or length and width) _____ Rate of spread _____
4. When was weed first noticed? _____
5. Surrounding land is used for: Farming ☐ Residential ☐ Natural area ☐ Livestock ☐ Other _____
6. Herbicide and control history _____

For aquatic sites, provide the following information:

1. Water is used for: Fishing ☐ Swimming ☐ Irrigation ☐ Drinking ☐ Livestock ☐
   Other (describe): _____
2. Source of water: Spring ☐ Stream ☐ Runoff ☐ Other (describe) _____
3. Outflow of water: Stand pipe ☐ Overflow spillway ☐ Variable depth spillway ☐
   Free flowing ☐ None ☐ Slow ☐ Fast ☐

Please list other important comments here: _____

******Please follow these instructions for collecting, preparing, and submitting weed specimens.******

1. Collect at least 2 quality samples. A quality sample will include foliage, stems, roots (if perennial), and flowers or fruit. Flowers and fruit may be seasonal, but including more material will ease identification.
2. For pressed specimens: Press and dry these specimens between old newspapers placed on a flat surface and weighted with a book or a large board on top. If plant is very succulent, then change newspaper frequently. When these plants are flattened and dry, prepare one of them for mailing. Keep the second plant for your record.
3. For fresh specimens: Place the plant in a ziplock or plastic bag. Place a moist paper towel around the stem (if cut) or roots of the plant. Soil and/or roots should be wrapped or packed to prevent contact with foliage. Blot excess moisture from the foliage.
4. Place the specimen in a box or padded envelope adequate to prevent crushing in the mail. Seal the envelope securely, or pack and close the box securely to prevent breaking or crushing of the plant.
5. Do not mail fresh specimens on a Thursday or Friday. They will sit in transit over the weekend and degrade.
6. Next day or priority mail is recommended for shipping fresh samples. Be sure package is labeled with “Live Plant”