

## Weed Collection Information

A collection of 40 pressed and identified weeds is required with a minimum of 10 grasses and at least one sedge. A *typed* label for each weed is required (see format below). The collection is due in November (see course syllabus for date) and **NO COLLECTION WILL BE ACCEPTED LATE**. Plant presses will be provided by the instructor but must be returned or a 10% penalty will be assessed. The specific grading criteria for the weed collection are attached.

It is to your advantage to begin collecting weeds early in the semester. For best results weed samples should be pressed between newspapers in the provided plant presses. Proper drying may require that weeds be pressed in a warm, dry location for several weeks. Be sure to collect representative samples and avoid weeds that have been mowed or trampled.

Weeds are *not* required to have a root system attached, but to receive full credit the weed sample *must* be easily identifiable. The entire plant should be collected and pressed if from the soil line to the uppermost growing point it will fit on an 8.5 x 11 inch sheet of paper. If the plant is larger than a sheet of paper then the uppermost growing point, several of newest leaves, and the seed head (if present) should be included. An effort should be made to see that leaves are flat and that identifiable characteristics of the weed are clearly visible. Small weeds are easier to collect, but weeds without seed heads or flowers can be more difficult to identify. Avoid including in your collection any crop plants or weeds that are not common to Louisiana.

For *any* of the 15 weeds collected, you should include a *preemergence* and a *postemergence* herbicide recommendation for control of that weed in a specific agronomic or horticultural crop. List the herbicide as well as the crop on your weed labels. There are many references in the weed science office such as the CPR and the LSU Weed Control Recommendation Guide (<http://www.lsuagcenter.com/Subjects/guides/weedguide/01weeds.htm>) to help with recommendations.

**Each label should be typed and consist of the following information:**

Common Name:
Scientific Name:
Family:
Growing Season (winter or summer):
Life Cycle (annual, biennial, perennial):
Collector:
Where Collected (be specific):
Date Collected:
Specimen Number:
Herbicide Recommendation:
Crop:
Preemergence:
Postemergence:

## Weed Collection Grading Criteria

### WEED SPECIMENS (10 pts)

*At least 1 sedge	1
*At least 10 grasses	2
*A total of 40 weeds	7

### NEATNESS (30 pts)

*All weeds are concealed (fit) within a book	10
At least one true leaf (and cotyledon if present) on each specimen is pressed flat	10
*Each specimen is secured to an individual page	10

### PROPER IDENTIFICATION (30 pts)

All characters necessary to identify the specimen are available	15
Common and scientific name, family, and growing season are correct	15

### LABELS (30 pts)

*Typed	10
All information complete and correct	10
*Specimen number corresponds to chronological order of collection	5
Herbicide recommendations available (complete and correct) for 15 weeds	5

<b>TOTAL</b>	<b>100</b>
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*\*No partial credit will be given on an individual specimen basis (either all points are received or no points are received)*