

**Registration form**

**Weed Identification and Control CEU Training Course \$200.00  
48 HOUR RUSH ORDER PROCESSING FEE ADDITIONAL \$50.00**

**Start and finish dates:** \_\_\_\_\_

*You will have 90 days from this date in order to complete this course*

**Name** \_\_\_\_\_ **Signature** \_\_\_\_\_  
*(This will appear on your certificate as above)*

**Address:** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_ **Email** \_\_\_\_\_

**Phone:**  
**Home** (    ) \_\_\_\_\_ **Work** (    ) \_\_\_\_\_ **Fax** (    ) \_\_\_\_\_

**License**  
**Operator ID #** \_\_\_\_\_ **Exp Date** \_\_\_\_\_

**Class/Grade** \_\_\_\_\_

**Please circle which certification you are applying the course CEU's/PDH's.**

Commercial Applicator   Residential Applicator   Industrial Applicator   Pesticide Handler

Advisor   Agricultural Applicator   Aerial Applicator   Other \_\_\_\_\_

***Your certificate will be mailed to you in about two weeks.***

**Technical Learning College**  
**PO Box 420, Payson, AZ 85547-0420**  
**(928) 468-0665   Toll Free (866) 557-1746**  
**info@tlch2o.com   Fax (928) 272-0747**

**Visit us on the web at [www.abctlc.com](http://www.abctlc.com)**

**3 digit code on back of card** \_\_\_\_\_

**American Express**  
**Master Card / Visa Card #** \_\_\_\_\_ **Exp. Date** \_\_\_\_\_

**If you've paid on the Internet, please write your Customer #** \_\_\_\_\_

**Referral's Name** \_\_\_\_\_



# Weed Control Answer Key

Name

Phone Number

Address

Please circle or X

- |           |           |            |            |
|-----------|-----------|------------|------------|
| 1. ABCDE  | 46. ABCDE | 91. ABCDE  | 136. ABCDE |
| 2. ABCDE  | 47. ABCDE | 92. ABCDE  | 137. ABCDE |
| 3. ABCDE  | 48. ABCDE | 93. ABCDE  | 138. ABCDE |
| 4. ABCDE  | 49. ABCDE | 94. ABCDE  | 139. ABCDE |
| 5. ABCDE  | 50. ABCDE | 95. ABCDE  | 140. ABCDE |
| 6. ABCDE  | 51. ABCDE | 96. ABCDE  | 141. ABCDE |
| 7. ABCDE  | 52. ABCDE | 97. ABCDE  | 142. ABCDE |
| 8. ABCDE  | 53. ABCDE | 98. ABCDE  | 143. ABCDE |
| 9. ABCDE  | 54. ABCDE | 99. ABCDE  | 144. ABCDE |
| 10. ABCDE | 55. ABCDE | 100. ABCDE | 145. ABCDE |
| 11. ABCDE | 56. ABCDE | 101. ABCDE | 146. ABCDE |
| 12. ABCDE | 57. ABCDE | 102. ABCDE | 147. ABCDE |
| 13. ABCDE | 58. ABCDE | 103. ABCDE | 148. ABCDE |
| 14. ABCDE | 59. ABCDE | 104. ABCDE | 149. ABCDE |
| 15. ABCDE | 60. ABCDE | 105. ABCDE | 150. ABCDE |
| 16. ABCDE | 61. ABCDE | 106. ABCDE | 151. ABCDE |
| 17. ABCDE | 62. ABCDE | 107. ABCDE | 152. ABCDE |
| 18. ABCDE | 63. ABCDE | 108. ABCDE | 153. ABCDE |
| 19. ABCDE | 64. ABCDE | 109. ABCDE | 154. ABCDE |
| 20. ABCDE | 65. ABCDE | 110. ABCDE | 155. ABCDE |
| 21. ABCDE | 66. ABCDE | 111. ABCDE | 156. ABCDE |
| 22. ABCDE | 67. ABCDE | 112. ABCDE | 157. ABCDE |
| 23. ABCDE | 68. ABCDE | 113. ABCDE | 158. ABCDE |
| 24. ABCDE | 69. ABCDE | 114. ABCDE | 159. ABCDE |
| 25. ABCDE | 70. ABCDE | 115. ABCDE | 160. ABCDE |
| 26. ABCDE | 71. ABCDE | 116. ABCDE | 161. ABCDE |
| 27. ABCDE | 72. ABCDE | 117. ABCDE | 162. ABCDE |
| 28. ABCDE | 73. ABCDE | 118. ABCDE | 163. ABCDE |
| 29. ABCDE | 74. ABCDE | 119. ABCDE | 164. ABCDE |
| 30. ABCDE | 75. ABCDE | 120. ABCDE | 165. ABCDE |
| 31. ABCDE | 76. ABCDE | 121. ABCDE | 166. ABCDE |
| 32. ABCDE | 77. ABCDE | 122. ABCDE | 167. ABCDE |
| 33. ABCDE | 78. ABCDE | 123. ABCDE | 168. ABCDE |
| 34. ABCDE | 79. ABCDE | 124. ABCDE | 169. ABCDE |
| 35. ABCDE | 80. ABCDE | 125. ABCDE | 170. ABCDE |
| 36. ABCDE | 81. ABCDE | 126. ABCDE | 171. ABCDE |
| 37. ABCDE | 82. ABCDE | 127. ABCDE | 172. ABCDE |
| 38. ABCDE | 83. ABCDE | 128. ABCDE | 173. ABCDE |
| 39. ABCDE | 84. ABCDE | 129. ABCDE | 174. ABCDE |
| 40. ABCDE | 85. ABCDE | 130. ABCDE | 175. ABCDE |
| 41. ABCDE | 86. ABCDE | 131. ABCDE | 176. ABCDE |
| 42. ABCDE | 87. ABCDE | 132. ABCDE | 177. ABCDE |
| 43. ABCDE | 88. ABCDE | 133. ABCDE | 178. ABCDE |
| 44. ABCDE | 89. ABCDE | 134. ABCDE | 179. ABCDE |
| 45. ABCDE | 90. ABCDE | 135. ABCDE | 180. ABCDE |

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|----------------|----------------|----------------|----------------|
| 181. A B C D E | 211. A B C D E | 241. A B C D E | 271. A B C D E |
| 182. A B C D E | 212. A B C D E | 242. A B C D E | 272. A B C D E |
| 183. A B C D E | 213. A B C D E | 243. A B C D E | 273. A B C D E |
| 184. A B C D E | 214. A B C D E | 244. A B C D E | 274. A B C D E |
| 185. A B C D E | 215. A B C D E | 245. A B C D E | 275. A B C D E |
| 186. A B C D E | 216. A B C D E | 246. A B C D E | 276. A B C D E |
| 187. A B C D E | 217. A B C D E | 247. A B C D E | 277. A B C D E |
| 188. A B C D E | 218. A B C D E | 248. A B C D E | 278. A B C D E |
| 189. A B C D E | 219. A B C D E | 249. A B C D E | 279. A B C D E |
| 190. A B C D E | 220. A B C D E | 250. A B C D E | 280. A B C D E |
| 191. A B C D E | 221. A B C D E | 251. A B C D E | 281. A B C D E |
| 192. A B C D E | 222. A B C D E | 252. A B C D E | 282. A B C D E |
| 193. A B C D E | 223. A B C D E | 253. A B C D E | 283. A B C D E |
| 194. A B C D E | 224. A B C D E | 254. A B C D E | 284. A B C D E |
| 195. A B C D E | 225. A B C D E | 255. A B C D E | 285. A B C D E |
| 196. A B C D E | 226. A B C D E | 256. A B C D E | 286. A B C D E |
| 197. A B C D E | 227. A B C D E | 257. A B C D E | 287. A B C D E |
| 198. A B C D E | 228. A B C D E | 258. A B C D E | 288. A B C D E |
| 199. A B C D E | 229. A B C D E | 259. A B C D E | 289. A B C D E |
| 200. A B C D E | 230. A B C D E | 260. A B C D E | 290. A B C D E |
| 201. A B C D E | 231. A B C D E | 261. A B C D E | 291. A B C D E |
| 202. A B C D E | 232. A B C D E | 262. A B C D E | 292. A B C D E |
| 203. A B C D E | 233. A B C D E | 263. A B C D E | 293. A B C D E |
| 204. A B C D E | 234. A B C D E | 264. A B C D E | 294. A B C D E |
| 205. A B C D E | 235. A B C D E | 265. A B C D E | 295. A B C D E |
| 206. A B C D E | 236. A B C D E | 266. A B C D E | 296. A B C D E |
| 207. A B C D E | 237. A B C D E | 267. A B C D E | 297. A B C D E |
| 208. A B C D E | 238. A B C D E | 268. A B C D E | 298. A B C D E |
| 209. A B C D E | 239. A B C D E | 269. A B C D E | 299. A B C D E |
| 210. A B C D E | 240. A B C D E | 270. A B C D E | 300. A B C D E |

**Please fax the answer key to  
TLC Western Campus Fax (928) 272-0747.**

**Always call us after faxing the paperwork to ensure that we've received it.**

### **Rush Grading Service**

**If you need this assignment graded and the results mailed to you within a 48-hour period, prepare to pay an additional rush service handling fee of \$50.00. This fee may not cover postage costs. If you need this service, simply write RUSH on the top of your Registration Form. We will place you in the front of the grading and processing line.**

**Thank you...**

*Please mail or fax this survey along with your final exam*

## **WEED IDENTIFICATION AND CONTROL PROFESSIONAL DEVELOPMENT COURSE**

*CUSTOMER SERVICE RESPONSE CARD*

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

E-MAIL \_\_\_\_\_ PHONE \_\_\_\_\_

***PLEASE COMPLETE THIS FORM BY CIRCLING THE NUMBER OF THE APPROPRIATE ANSWER IN THE AREA BELOW.***

1. Please rate the difficulty of your course.

Very Easy   0   1   2   3   4   5   Very Difficult

2. Please rate the difficulty of the testing process.

Very Easy   0   1   2   3   4   5   Very Difficult

3. Please rate the subject matter on the exam to your actual field or work.

Very Similar   0   1   2   3   4   5   Very Different

4. How did you hear about this Course? \_\_\_\_\_

5. What would you do to improve the Course?

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Any other concerns or comments.

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# Weed Control CEU Training Course Assignment

You will have 90 days from the start of this course to have successfully completed this assignment with a score of 70% or better. You may e-mail the answers to TLC, info@tlch2o.com or fax the answers to TLC (928) 272-0747.

**Multiple Choice, please select one answer for each question. Answer key in rear of this section.**

## Common Weed Identification Terms

1. The edge of a leaf.
  - A. Margin
  - B. Glumes
  - C. Entire
  - D. Membranous
  - E. None of the Above
  
2. Thin and flexible, usually not green.
  - A. Margin
  - B. Glumes
  - C. Entire
  - D. Membranous
  - E. None of the Above
  
3. Not toothed or otherwise cut.
  - A. Margin
  - B. Glumes
  - C. Entire
  - D. Membranous
  - E. None of the Above
  
4. The 2 bracts surrounding a grass spikelet.
  - A. Margin
  - B. Glumes
  - C. Entire
  - D. Membranous
  - E. None of the Above
  
5. Leaves that are arranged singly up the stem; not opposite each other.
  - A. Alternate
  - B. Opposite
  - C. Nodding
  - D. Midrib
  - E. None of the Above

6. Plant that germinates, flowers, seeds, and dies during one growing season.
- A. Alternate
  - B. Annual
  - C. Nodding
  - D. Midrib
  - E. None of the Above
7. The center and usually most prominent vein on a leaf.
- A. Alternate
  - B. Opposite
  - C. Nodding
  - D. Midrib
  - E. None of the Above
8. A flower that is not pointed upward, but bent downward or sidewise to the stem.
- A. Alternate
  - B. Opposite
  - C. Nodding
  - D. Midrib
  - E. None of the Above
9. Leaves situated directly across the stem from each other.
- A. Alternate
  - B. Opposite
  - C. Nodding
  - D. Midrib
  - E. None of the Above
10. At the base of a plant or plant part.
- A. Basal
  - B. Bi-ennial
  - C. Bract
  - D. Annual
  - E. None of the Above
11. Plant that germinates in one growing season, then flowers, seeds, and dies during the next year.
- A. Basal
  - B. Bi-ennial
  - C. Bract
  - D. Annual
  - E. None of the Above
12. Leaf-like structure at the base of flowers or leaves.
- A. Basal
  - B. Bi-ennial
  - C. Bract
  - D. Annual
  - E. None of the Above

13. Plant that germinates, flowers, seeds, and dies during one growing season.

- A. Basal
- B. Bi-ennial
- C. Bract
- D. Annual
- E. None of the Above

14. Structure in a flower in which pollen is formed

- A. Auricle
- B. Axil
- C. Auricle
- D. Anther
- E. None of the Above

15. Lobe-like structure at the collar of a grass leaf.

- A. Auricle
- B. Axil
- C. Auricle
- D. Anther
- E. None of the Above

16. Slender bristle at the tip of grass seed structures.

- A. Auricle
- B. Axil
- C. Auricle
- D. Awn
- E. None of the Above

17. The angle formed between a leaf and a stem.

- A. Auricle
- B. Axil
- C. Auricle
- D. Anther
- E. None of the Above

18. The extension of leaf tissue surrounding a stem.

- A. Sheath
- B. Spikelet
- C. Spike
- D. Simple leaf
- E. None of the Above

19. One with a blade in one piece; not compound.

- A. Sheath
- B. Spikelet
- C. Spike
- D. Simple leaf
- E. None of the Above

20. A narrow, non-spreading inflorescence.  
A. Sheath  
B. Spikelet  
C. Spike  
D. Simple leaf  
E. None of the Above
21. A single or group of floral structures in a grass.  
A. Sheath  
B. Spikelet  
C. Spike  
D. Simple leaf  
E. None of the Above
22. A hollow appendage on a flower.  
A. Sheath  
B. Spikelet  
C. Spike  
D. Simple leaf  
E. None of the Above
23. A creeping stem along the surface of the ground.  
A. Stolon  
B. Spikelet  
C. Spike  
D. Simple leaf  
E. None of the Above
24. A group of flowers borne tightly together.  
A. Linear  
B. Ligule  
C. Leaflets  
D. Head  
E. None of the Above
25. Leaf-like structures within a compound leaf.  
A. Linear  
B. Ligule  
C. Leaflets  
D. Head  
E. None of the Above
26. The structure at the collar of a grass leaf between the sheath and the stem.  
A. Linear  
B. Ligule  
C. Leaflets  
D. Head  
E. None of the Above

27. Long, narrow, and slender.
- A. Linear
  - B. Ligule
  - C. Leaflets
  - D. Head
  - E. None of the Above
28. A cut into a leaf from the edge toward the center; greater than toothed, but not quite compound.
- A. Perennial
  - B. Panicle
  - C. Ovate
  - D. Lobed
  - E. None of the Above
29. Egg shaped in outline.
- A. Perennial
  - B. Panicle
  - C. Ovate
  - D. Lobed
  - E. None of the Above
30. A much-branched inflorescence.
- A. Perennial
  - B. Panicle
  - C. Ovate
  - D. Lobed
  - E. None of the Above
31. A plant that lives for more than 2 growing seasons.
- A. Perennial
  - B. Panicle
  - C. Ovate
  - D. Lobed
  - E. None of the Above
32. A leaf stalk.
- A. Perennial
  - B. Panicle
  - C. Petiole
  - D. Lobed
  - E. None of the Above
33. All the flower leaves together, normally green in color.
- A. Petiole
  - B. Calyx
  - C. Dissected
  - D. Clasping leaves
  - E. None of the Above

34. Leaves that appear to wrap around the stem at their base.

- A. Petiole
- B. Calyx
- C. Dissected
- D. Clasping leaves
- E. None of the Above

35. Deeply and repeatedly divided into smaller parts.

- A. Petiole
- B. Calyx
- C. Dissected
- D. Clasping leaves
- E. None of the Above

36. With 2 rows of leaflets, like a feather.

- A. Plume
- B. Rhizome
- C. Pubescence
- D. Pinnate
- E. None of the Above

37. A hair-like or feather-like structure, often on a seed.

- A. Plume
- B. Rhizome
- C. Pubescence
- D. Pinnate
- E. None of the Above

38. The hairs on a leaf, stem or flower.

- A. Plume
- B. Rhizome
- C. Pubescence
- D. Pinnate
- E. None of the Above

39. A creeping, underground stem.

- A. Plume
- B. Rhizome
- C. Pubescence
- D. Pinnate
- E. None of the Above

40. A circular, normally basal, clump of leaves.

- A. Compound leaves
- B. Taproot
- C. Succulent
- D. Rosette
- E. None of the Above

41. Fleshy and juicy.  
A. Compound leaves  
B. Taproot  
C. Succulent  
D. Rosette  
E. None of the Above
42. A thick, central root with minimal branching.  
A. Compound leaves  
B. Taproot  
C. Succulent  
D. Rosette  
E. None of the Above
43. Leaves with 2 or more distinct leaflets.  
A. Compound leaves  
B. Taproot  
C. Succulent  
D. Rosette  
E. None of the Above
44. The first leaf-like structures that appear after germination; seed leaves.  
A. Crown  
B. Trifoliate leaf  
C. Whorled  
D. Cotyledons  
E. None of the Above
45. The structure formed where leaves, stems, and roots grow together.  
A. Crown  
B. Trifoliate leaf  
C. Whorled  
D. Cotyledons  
E. None of the Above
46. A leaf made of 3 leaflets; clover-like.  
A. Crown  
B. Trifoliate leaf  
C. Whorled  
D. Cotyledons  
E. None of the Above
47. 3 or more similar structured arranged as spokes on a wheel.  
A. Crown  
B. Trifoliate leaf  
C. Whorled  
D. Cotyledons  
E. None of the Above

## Weed Identification Section

48. Weeds may conveniently be divided into \_\_\_\_\_ based on the way in which they emerge from the seed.

- A. Two classes
- B. Monocots
- C. Dicots
- D. Groups
- E. None of the Above

49. \_\_\_\_\_ emerge with a single seed leaf whereas dicots emerge with two seed leaves.

- A. Two classes
- B. Monocots
- C. Dicots
- D. Groups
- E. None of the Above

50. Most monocot weeds found in turfgrass are from the family \_\_\_\_\_ and are termed weedy grasses.

- A. Two classes
- B. Monocots
- C. Dicots
- D. Groups
- E. None of the Above

51. \_\_\_\_\_, on the other hand, are termed broadleaf weeds and include such plants as dandelion, clover, ground ivy, knotweed, and plantain.

- A. Two classes
- B. Monocots
- C. Dicots
- D. Groups
- E. None of the Above

52. Weedy grasses and broadleaf weeds are further divided into \_\_\_\_\_ according to the plants' length of life.

- A. Two classes
- B. Monocots
- C. Dicots
- D. Groups
- E. None of the Above

53. \_\_\_\_\_ weeds have a life of more than two years, though new seeds may be produced every year.

- A. Perennial
- B. Biennial
- C. Annual
- D. Summer annuals
- E. None of the Above

54. \_\_\_\_\_ weeds have a life of two years, generally storing up food reserves in the leaves and roots the first year and producing seed in the second year.
- A. Perennial
  - B. Biennial
  - C. Annual
  - D. Summer annuals
  - E. None of the Above
55. The \_\_\_\_\_ weeds are often grouped with perennial weeds since control is similar.
- A. Perennial
  - B. Biennial
  - C. Annual
  - D. Summer annuals
  - E. None of the Above
56. \_\_\_\_\_ weeds germinate from seed, grow, flower, and produce seed in less than one year.
- A. Perennial
  - B. Biennial
  - C. Annual
  - D. Summer annuals
  - E. None of the Above
57. \_\_\_\_\_ (AKA warm season annuals) germinate in the spring and mature in the fall, whereas winter annuals (AKA cool season annuals) germinate in fall or late winter and mature in late spring.
- A. Perennial
  - B. Biennial
  - C. Annual
  - D. Summer annuals
  - E. None of the Above
58. \_\_\_\_\_ complete their lifecycle from seed to maturity in less than one year. They germinate in the spring, mature, set seed and die in the fall.
- A. Perennial
  - B. Biennial
  - C. Annual
  - D. Summer annuals
  - E. None of the Above
59. \_\_\_\_\_ germinate in the fall, overwinter as seedlings or small rosettes and mature, set seed and die the following spring or early summer.
- A. Perennial
  - B. Biennial
  - C. Annual
  - D. Winter annuals
  - E. None of the Above

60. Some weeds are capable of both summer and \_\_\_\_\_ lifecycles.
- A. Perennial
  - B. Biennial
  - C. Annual
  - D. Winter annual
  - E. None of the Above
61. \_\_\_\_\_ complete their lifecycles in less than two years.
- A. Perennial
  - B. Biennials
  - C. Annual
  - D. Winter annuals
  - E. None of the Above
62. Germination and the production of an \_\_\_\_\_ of leaves occur the first year.
- A. Perennial
  - B. Biennial
  - C. Annual
  - D. Winter annuals
  - E. None of the Above
63. The second year flowering, seed production, and plant \_\_\_\_\_. Control is best obtained during the first year.
- A. Perennial
  - B. Biennial
  - C. Annual
  - D. Winter annuals
  - E. None of the Above
64. \_\_\_\_\_ live for more than two years.
- A. Perennials
  - B. Biennial
  - C. Annual
  - D. Winter annuals
  - E. None of the Above
65. \_\_\_\_\_ reproduce vegetatively from roots, rhizomes, buds, or tillers, or from seed, or both. They can be especially difficult to control because of their persistent root systems.
- A. Perennials
  - B. Biennial
  - C. Annual
  - D. Winter annuals
  - E. None of the Above
66. Early identification of \_\_\_\_\_ species is critical for choosing the best weed control methods.
- A. Noxious weed
  - B. Emerged weed
  - C. Turf
  - D. Crops

67. Effective control of weeds in \_\_\_\_\_ is based on correct identification.
- A. Noxious weed
  - B. Emerged weed
  - C. Turf
  - D. Crops
  - E. None of the Above
68. Weeds can be native or \_\_\_\_\_, invasive or non invasive, and noxious or not noxious.
- A. Noxious weed
  - B. Emerged weed
  - C. Turf
  - D. Crops
  - E. None of the Above
69. Legally, a \_\_\_\_\_ is any plant designated by a Federal, State or county government as injurious to public health, agriculture, recreation, wildlife or property.
- A. Noxious weed
  - B. Emerged weed
  - C. Turf
  - D. Crops
  - E. None of the Above
70. A \_\_\_\_\_ is also commonly defined as a plant that grows out of place (i.e. a rose can be a weed in a wheat field) and is "competitive, persistent, and pernicious."
- A. Noxious weed
  - B. Emerged weed
  - C. Turf
  - D. Crops
  - E. None of the Above
71. The \_\_\_\_\_ mandated for control are plants non-native to North America.
- A. Noxious weeds
  - B. Emerged weed
  - C. Turf
  - D. Crops
  - E. None of the Above
72. Consequently, these plants do not have the natural checks as found in their native land, such as insects, diseases, and \_\_\_\_\_ that would keep the plant population in check.
- A. Noxious weed
  - B. Emerged weed
  - C. Turf
  - D. Crops
  - E. None of the Above

73. Due to the competitive aggressive ability of these plants coupled with no natural controls, these plants will develop \_\_\_\_\_. Not only are many crops out competed by these weeds but native vegetation and the wildlife associated with it will be replaced.

- A. Noxious weed
- B. Emerged weed
- C. Turf
- D. Crops
- E. None of the Above

74. Identifying the weeds when they first become established and developing an integrated \_\_\_\_\_ to control them is critical in maintaining healthy, productive land.

- A. Noxious weed
- B. Emerged weed
- C. Turf
- D. Crops
- E. None of the Above

75. The term \_\_\_\_\_ is used to describe a legal designation for plant species that have been determined to be especially undesirable or difficult to control. These weeds are subject, by law, to certain restrictions.

- A. Noxious weed
- B. Emerged weed
- C. Invasive plants
- D. Crops
- E. None of the Above

76. Regulated by the U.S. Department of Agriculture, there are 90 federal \_\_\_\_\_.

- A. Noxious weeds
- B. Emerged weed
- C. Turf
- D. Crops
- E. None of the Above

77. \_\_\_\_\_ include not only noxious weeds, but also other plants that are not native to this country.

- A. Noxious weed
- B. Emerged weed
- C. Invasive plants
- D. Crops
- E. None of the Above

78. Plants are considered \_\_\_\_\_ if they have been introduced into an environment where they did not evolve. As a result, they usually have no natural enemies to limit their reproduction and spread.

- A. Noxious weed
- B. Emerged weed
- C. Invasive
- D. Crops

79. Some \_\_\_\_\_ can produce significant changes to vegetation, composition, structure, or ecosystem function.

- A. Noxious weed
- B. Emerged weed
- C. Invasive plants
- D. Crops
- E. None of the Above

80. An \_\_\_\_\_ is defined as a species that is 1) non-native (or alien) to the ecosystem under consideration and 2) whose introduction causes or is likely to cause economic or environmental harm or harm to human health.

- A. Noxious weed
- B. Emerged weed
- C. Invasive species
- D. Crops
- E. None of the Above

### **Weed Classifications**

81. Most common weeds fit into two large general classifications, \_\_\_\_\_ and grasses.

- A. Broadleaves
- B. Annual
- C. Perennial
- D. Winter annuals
- E. None of the Above

82. \_\_\_\_\_ and grasses may be further divided into annuals and perennials.

- A. Broadleaves
- B. Annual
- C. Perennial
- D. Winter annuals
- E. None of the Above

83. \_\_\_\_\_ and perennial weeds may be even further subdivided by the seasons in which they germinate and grow.

- A. Broadleaves
- B. Annual
- C. Perennial
- D. Winter annuals
- E. None of the Above

84. \_\_\_\_\_ plants complete their life cycle in less than one year. Normally, they are considered easy to control. This is true for any one crop of weeds.

- A. Broadleaves
- B. Annual
- C. Perennial
- D. Winter annuals
- E. None of the Above

85. Because of an abundance of dormant seed and fast growth, annuals are very persistent. They actually cost more to control than \_\_\_\_\_ weeds.
- A. Broadleaves
  - B. Annual
  - C. Perennial
  - D. Winter annuals
  - E. None of the Above
86. Most common field weeds are \_\_\_\_\_. There are two types, summer and winter annuals.
- A. Broadleaves
  - B. Annual
  - C. Perennial
  - D. Winter annuals
  - E. None of the Above
87. \_\_\_\_\_ germinate in the spring, make most of their growth during the summer, and the plants mature and die in the fall. The seeds lie dormant in the soil until next spring.
- A. Broadleaves
  - B. Annual
  - C. Perennial
  - D. Summer annuals
  - E. None of the Above
88. \_\_\_\_\_ geminate in the fall and winter and usually mature seed in the spring or early summer before the plants die. The seeds often lie dormant in the soil during the summer months.
- A. Broadleaves
  - B. Annual
  - C. Perennial
  - D. Winter annuals
  - E. None of the Above
89. In the Winter annuals group, high soil temperatures (125°F or above) have a tendency to cause seed dormancy. These are most troublesome in fall and early spring in \_\_\_\_\_ areas.
- A. Broadleaves
  - B. Annual
  - C. Perennial
  - D. Winter annuals
  - E. None of the Above
90. A \_\_\_\_\_ plant lives for more than 1 year but not more than 2 years. Only a few troublesome weeds fall in this group.
- A. Biennial
  - B. Annual
  - C. Perennial
  - D. Tubers
  - E. None of the Above

91. There is confusion between biennials and \_\_\_\_\_, because the winter annual group normally lives during 2 calendar years and during 2 seasons.
- A. Biennial
  - B. Annual
  - C. Perennial
  - D. Winter annuals
  - E. None of the Above
92. \_\_\_\_\_ live for more than 2 years and may live almost indefinitely. Most produce by seed and many are able to spread vegetatively. They are classified according to their method of reproduction as simple and creeping.
- A. Biennial
  - B. Annual
  - C. Perennials
  - D. Tubers
  - E. None of the Above
93. Simple \_\_\_\_\_ spread by seed. They have no natural means of spreading vegetatively. However, if injured or cut, the cut pieces may produce new plants. For example a dandelion or dock root cut in half longitudinally may produce two plants. The roots are usually fleshy and may grow very large.
- A. Biennial
  - B. Annual
  - C. Perennials
  - D. Tubers
  - E. None of the Above
94. Creeping \_\_\_\_\_ reproduce by creeping roots, creeping above ground stems (stolons), or creeping below-ground stems (rhizomes). In addition they may reproduce by seed.
- A. Biennial
  - B. Annual
  - C. Perennials
  - D. Tubers
  - E. None of the Above
95. Some weeds maintain themselves and propagate by means of \_\_\_\_\_, which are modified rhizomes adapted for food storage. Nutsedge (nutgrass) and Jerusalem artichoke are examples.
- A. Biennial
  - B. Annual
  - C. Perennial
  - D. Tubers
  - E. None of the Above

96. Once a field is infested, creeping \_\_\_\_\_ are probably the most difficult group of weeds to control. Cultivators and plows often drag pieces about the field.

- A. Biennial
- B. Annual
- C. Perennials
- D. Tubers
- E. None of the Above

97. Continuous and repeated cultivations, repeated mowing for 1 or 2 years, or persistent herbicides are often \_\_\_\_\_.

- A. Biennial
- B. Annual
- C. Perennial
- D. Tubers
- E. None of the Above

98. Cultivation, in combination with herbicides, is proving effective on some creeping \_\_\_\_\_. An effective eradication program also requires the killing of seedlings.

- A. Biennial
- B. Annual
- C. Perennials
- D. Tubers
- E. None of the Above

### **Common Broadleaf Weeds**

99. Common waterhemp

- A. *Ambrosia artemisiifolia*
- B. *Helianthus annuus*
- C. *Dipsacus fullonum*
- D. *Amaranthus rudis*
- E. None of the Above

100. *Achillea millefolium*

- A. Bull thistle
- B. Buffalobur
- C. Burcucumber
- D. Common yarrow
- E. None of the Above

101. Common ragweed

- A. *Ambrosia artemisiifolia*
- B. *Helianthus annuus*
- C. *Dipsacus fullonum*
- D. *Amaranthus rudis*
- E. None of the Above

102. Common sunflower  
A. *Ambrosia artemisiifolia*  
B. *Helianthus annuus*  
C. *Dipsacus fullonum*  
D. *Amaranthus rudis*  
E. None of the Above

103. Common teasel  
A. *Ambrosia artemisiifolia*  
B. *Helianthus annuus*  
C. *Dipsacus fullonum*  
D. *Amaranthus rudis*  
E. None of the Above

104. *Sicyos angulatus*  
A. Bull thistle  
B. Buffalobur  
C. Burcucumber  
D. Common yarrow  
E. None of the Above

105. Bushy wallflower  
A. *Ranunculus* spp.  
B. *Erysimum repandum*  
C. *Senecio glabellus*  
D. *Cirsium arvense*  
E. None of the Above

106. Buttercups  
A. *Ranunculus* spp.  
B. *Erysimum repandum*  
C. *Senecio glabellus*  
D. *Cirsium arvense*  
E. None of the Above

107. Butterweed  
A. *Ranunculus* spp.  
B. *Erysimum repandum*  
C. *Senecio glabellus*  
D. *Cirsium arvense*  
E. None of the Above

108. Canada thistle  
A. *Ranunculus* spp.  
B. *Erysimum repandum*  
C. *Senecio glabellus*  
D. *Cirsium arvense*  
E. None of the Above

109. Clammy groundcherry

- A. *Physalis heterophylla*
- B. *Arctium minus*
- C. *Xanthium strumarium*
- D. *Stellaria media*
- E. None of the Above

110. Common burdock

- A. *Physalis heterophylla*
- B. *Arctium minus*
- C. *Xanthium strumarium*
- D. *Stellaria media*
- E. None of the Above

111. *Solanum rostratum*

- A. Bull thistle
- B. Buffalobur
- C. Burcucumber
- D. Common yarrow
- E. None of the Above

112. *Cirsium vulgare*

- A. Bull thistle
- B. Buffalobur
- C. Burcucumber
- D. Common yarrow
- E. None of the Above

113. Common chickweed

- A. *Physalis heterophylla*
- B. *Arctium minus*
- C. *Xanthium strumarium*
- D. *Stellaria media*
- E. None of the Above

114. Common cocklebur

- A. *Physalis heterophylla*
- B. *Arctium minus*
- C. *Xanthium strumarium*
- D. *Stellaria media*
- E. None of the Above

115. *Senecio vulgaris*

- A. Common pokeweed
- B. Common lambsquarters
- C. Common milkweed
- D. Common mullein
- E. None of the Above

116. *Chenopodium album*  
A. Common pokeweed  
B. Common lambsquarters  
C. Common milkweed  
D. Common mullein  
E. None of the Above

117. *Asclepias syriaca*  
A. Common pokeweed  
B. Common lambsquarters  
C. Common milkweed  
D. Common mullein  
E. None of the Above

118. *Verbascum thapsus*  
A. Common pokeweed  
B. Common lambsquarters  
C. Common milkweed  
D. Common mullein  
E. None of the Above

119. *Phytolacca Americana*  
A. Common pokeweed  
B. Common lambsquarters  
C. Common milkweed  
D. Common mullein  
E. None of the Above

120. Common purslane  
A. *Portulaca oleracea*  
B. *Sagittaria montevidensis*  
C. *Solanum* spp.  
D. *Cardamine parviflora*  
E. None of the Above

121. Arrowhead  
A. *Portulaca oleracea*  
B. *Sagittaria montevidensis*  
C. *Solanum* spp.  
D. *Cardamine parviflora*  
E. None of the Above

122. Bittercress, smallflowered  
A. *Portulaca oleracea*  
B. *Sagittaria montevidensis*  
C. *Solanum* spp.  
D. *Cardamine parviflora*  
E. None of the Above

123. Black nightshade  
A. *Portulaca oleracea*  
B. *Sagittaria montevidensis*  
C. *Solanum* spp.  
D. *Cardamine parviflora*  
E. None of the Above

124. *Plantago* spp.  
A. Broadleaf plantains  
B. Bindweed, hedge  
C. Balloonvine  
D. Beggarweed  
E. None of the Above

125. *Cardiospermum halicacabum*  
A. Broadleaf plantains  
B. Bindweed, hedge  
C. Balloonvine  
D. Beggarweed  
E. None of the Above

126. *Desmodium* spp.  
A. Broadleaf plantains  
B. Bindweed, hedge  
C. Balloonvine  
D. Beggarweed  
E. None of the Above

127. *Convolvulus arvensis*  
A. Broadleaf plantains  
B. Bindweed, hedge  
C. Balloonvine  
D. Beggarweed  
E. None of the Above

128. *Convolvulus sepium*  
A. Broadleaf plantains  
B. Bindweed, hedge  
C. Balloonvine  
D. Beggarweed  
E. None of the Above

129. Corn gromwell  
A. *Mollugo verticillata*  
B. *Geranium carolinianum*  
C. *Cichorium intybus*  
D. *Plantago lanceolata*  
E. None of the Above

130. Cornflower  
A. Mollugo verticillata  
B. Geranium carolinianum  
C. Cichorium intybus  
D. Plantago lanceolata  
E. None of the Above

131. Carolina geranium  
A. Mollugo verticillata  
B. Geranium carolinianum  
C. Cichorium intybus  
D. Plantago lanceolata  
E. None of the Above

132. Carpetweed  
A. Mollugo verticillata  
B. Geranium carolinianum  
C. Cichorium intybus  
D. Plantago lanceolata  
E. None of the Above

133. Chicory  
A. Mollugo verticillata  
B. Geranium carolinianum  
C. Cichorium intybus  
D. Plantago lanceolata  
E. None of the Above

134. Buckhorn plantain  
A. Mollugo verticillata  
B. Geranium carolinianum  
C. Cichorium intybus  
D. Plantago lanceolata  
E. None of the Above

135. Compass plant  
A. Mollugo verticillata  
B. Geranium carolinianum  
C. Cichorium intybus  
D. Plantago lanceolata  
E. None of the Above

136. Croton, tropic  
A. Croton glandulosus  
B. Croton capitatus  
C. Silphium perfoliatum  
D. Rumex crispus  
E. None of the Above

137. Croton, woolly  
A. *Croton glandulosus*  
B. *Croton capitatus*  
C. *Silphium perfoliatum*  
D. *Rumex crispus*  
E. None of the Above
138. Cut-leaf teasel (noxious)  
A. *Croton glandulosus*  
B. *Croton capitatus*  
C. *Silphium perfoliatum*  
D. *Rumex crispus*  
E. None of the Above
139. Cutleaf eveningprimrose  
A. *Lamium purpureum*  
B. *Oenothera laciniata*  
C. *Erigeron annuus*  
D. *Rubus* spp.  
E. None of the Above
140. Daisy fleabane  
A. *Lamium purpureum*  
B. *Oenothera laciniata*  
C. *Erigeron annuus*  
D. *Rubus* spp.  
E. None of the Above
141. Deadnettle, purple  
A. *Lamium purpureum*  
B. *Oenothera laciniata*  
C. *Erigeron annuus*  
D. *Rubus* spp.  
E. None of the Above
142. Dewberry  
A. *Lamium purpureum*  
B. *Oenothera laciniata*  
C. *Erigeron annuus*  
D. *Rubus* spp.  
E. None of the Above
143. *Cuscuta campestris*  
A. Giant ragweed  
B. Greenbriar  
C. Goldenrod  
D. Field pansy  
E. None of the Above

144. *Viola rafinesquii*  
A. Giant ragweed  
B. Greenbriar  
C. Goldenrod  
D. Field pansy  
E. None of the Above

145. *Ambrosia trifida*  
A. Giant ragweed  
B. Greenbriar  
C. Goldenrod  
D. Field pansy  
E. None of the Above

146. *Solidago* spp.  
A. Giant ragweed  
B. Greenbriar  
C. Goldenrod  
D. Field pansy  
E. None of the Above

147. *Smilax* spp.  
A. Giant ragweed  
B. Greenbriar  
C. Goldenrod  
D. Field pansy  
E. None of the Above

148. *Solanum sarrachoides*  
A. Hemp dogbane  
B. Hemp sesbania  
C. Hairy nightshade  
D. Henbit  
E. None of the Above

149. *Apocynum cannabinum*  
A. Hemp dogbane  
B. Hemp sesbania  
C. Hairy nightshade  
D. Henbit  
E. None of the Above

150. *Sesbania exaltata*  
A. Hemp dogbane  
B. Hemp sesbania  
C. Hairy nightshade  
D. Henbit  
E. None of the Above

151. *Lamium amplexicaule*

- A. Hemp dogbane
- B. Hemp sesbania
- C. Hairy nightshade
- D. Henbit
- E. None of the Above

152. *Lonicera* spp.

- A. Horsenettle
- B. Honeysuckle
- C. Honeyvine milkweed
- D. Hophornbeam copperleaf
- E. None of the Above

153. *Cynanchum* leave

- A. Horsenettle
- B. Honeysuckle
- C. Honeyvine milkweed
- D. Hophornbeam copperleaf
- E. None of the Above

154. *Acalypha ostryaefolia*

- A. Horsenettle
- B. Honeysuckle
- C. Honeyvine milkweed
- D. Hophornbeam copperleaf
- E. None of the Above

155. Wild lettuce

- A. *Barbarea vulgaris*
- B. *Brassica kaber*
- C. *Lactuca serriola*
- D. *Baptisia* spp.
- E. None of the Above

156. Wild mustard

- A. *Barbarea vulgaris*
- B. *Brassica kaber*
- C. *Lactuca serriola*
- D. *Baptisia* spp.
- E. None of the Above

157. *Solanum carolinense*

- A. Horsenettle
- B. Honeysuckle
- C. Honeyvine milkweed
- D. Hophornbeam copperleaf
- E. None of the Above

158. Erigeron canadensis  
A. Horsenettle  
B. Honeysuckle  
C. Honeyvine milkweed  
D. Hophornbeam copperleaf  
E. None of the Above

159. Illinois bundleflower  
A. Desmanthus illinoensis  
B. Torilis arvensis  
C. Vernonia spp.  
D. Desmanthus illinoensis  
E. None of the Above

160. Ironweed  
A. Desmanthus illinoensis  
B. Torilis arvensis  
C. Vernonia spp.  
D. Desmanthus illinoensis  
E. None of the Above

161. Japanese hedgeparsley  
A. Desmanthus illinoensis  
B. Torilis arvensis  
C. Vernonia spp.  
D. Desmanthus illinoensis  
E. None of the Above

162. Japanese hops  
A. Desmanthus illinoensis  
B. Torilis arvensis  
C. Humulus japonicus  
D. Desmanthus illinoensis  
E. None of the Above

163. Japanese knotweed  
A. Desmanthus illinoensis  
B. Torilis arvensis  
C. Polygonum cuspidatum  
D. Desmanthus illinoensis  
E. None of the Above

164. Helianthus tuberosus  
A. Kudzu  
B. Jerusalem artichoke  
C. Kochia  
D. Marijuana  
E. None of the Above

165. *Myosurus minimus*

- A. Multiflora rose
- B. Mousetail
- C. Musk thistle
- D. Nodding spurge
- E. None of the Above

166. *Rosa multiflora*

- A. Multiflora rose
- B. Mousetail
- C. Musk thistle
- D. Nodding spurge
- E. None of the Above

167. *Datura stramonium*

- A. Kudzu
- B. Jimsonweed
- C. Kochia
- D. Marijuana
- E. None of the Above

168. *Kochia scoparia*

- A. Kudzu
- B. Jimsonweed
- C. Kochia
- D. Marijuana
- E. None of the Above

169. *Pueraria lobata*

- A. Kudzu
- B. Jimsonweed
- C. Kochia
- D. Marijuana
- E. None of the Above

170. *Cannabis sativa*

- A. Kudzu
- B. Jimsonweed
- C. Kochia
- D. Marijuana
- E. None of the Above

171. *Ipomoea pandurata*

- A. Kudzu
- B. Jimsonweed
- C. Morning-glory, bigroot
- D. Marijuana
- E. None of the Above

172. Morning-glory, ivyleaf

- A. Ipomoea lacunose
- B. Cerastium vulgatum
- C. Ipomoea purpurea
- D. Ipomoea hederacea
- E. None of the Above

173. Morning-glory, tall

- A. Ipomoea lacunose
- B. Cerastium vulgatum
- C. Ipomoea purpurea
- D. Ipomoea hederacea
- E. None of the Above

174. Morning-glory, pitted

- A. Ipomoea lacunose
- B. Cerastium vulgatum
- C. Ipomoea purpurea
- D. Ipomoea hederacea
- E. None of the Above

175. Cup plant

- A. Croton glandulosus
- B. Croton capitatus
- C. Silphium perfoliatum
- D. Rumex crispus
- E. None of the Above

176. Curly dock

- A. Croton glandulosus
- B. Croton capitatus
- C. Silphium perfoliatum
- D. Rumex crispus
- E. None of the Above

177. Mouse ear chickweed

- A. Ipomoea lacunose
- B. Cerastium vulgatum
- C. Ipomoea purpurea
- D. Ipomoea hederacea
- E. None of the Above

178. Carduus nutans

- A. Multiflora rose
- B. Mousetail
- C. Musk thistle
- D. Nodding spurge
- E. None of the Above

179. *Euphorbia nutans*

- A. Multiflora rose
- B. Mousetail
- C. Musk thistle
- D. Nodding spurge
- E. None of the Above

180. *Chrysanthemum leucanthemum*

- A. Perilla mint
- B. Pennycress, field
- C. Partridgepea
- D. Oxeye daisy
- E. None of the Above

181. *Amaranthus palmeri*

- A. Perilla mint
- B. Pennycress, field
- C. Partridgepea
- D. Palmer amaranth
- E. None of the Above

182. Prickly pear

- A. *Tribulus terrestris*
- B. *Polygonum aviculare*
- C. *Sida spinosa*
- D. *Opuntia compressa*
- E. None of the Above

183. Prickly sida

- A. *Tribulus terrestris*
- B. *Polygonum aviculare*
- C. *Sida spinosa*
- D. *Opuntia compressa*
- E. None of the Above

184. Prostrate knotweed

- A. *Tribulus terrestris*
- B. *Polygonum aviculare*
- C. *Sida spinosa*
- D. *Opuntia compressa*
- E. None of the Above

185. Puncturevine

- A. *Tribulus terrestris*
- B. *Polygonum aviculare*
- C. *Sida spinosa*
- D. *Opuntia compressa*
- E. None of the Above

186. *Cassia chamaecrista*

- A. Perilla mint
- B. Pennycress, field
- C. Partridgepea
- D. Palmer amaranth
- E. None of the Above

187. *Thlaspi arvense*

- A. Perilla mint
- B. Pennycress, field
- C. Partridgepea
- D. Palmer amaranth
- E. None of the Above

188. *Perilla frutescens*

- A. Perilla mint
- B. Pennycress, field
- C. Partridgepea
- D. Palmer amaranth
- E. None of the Above

189. Pigweed, prostrate

- A. *Matricaria matricarioides*
- B. *Amaranthus albus*
- C. *Amaranthus retroflexus*
- D. *Amaranthus blitoides*
- E. None of the Above

190. Pigweed, redroot

- A. *Matricaria matricarioides*
- B. *Amaranthus albus*
- C. *Amaranthus retroflexus*
- D. *Amaranthus blitoides*
- E. None of the Above

191. Pigweed, tumble

- A. *Matricaria matricarioides*
- B. *Amaranthus albus*
- C. *Amaranthus retroflexus*
- D. *Amaranthus blitoides*
- E. None of the Above

192. Pineapple weed

- A. *Matricaria matricarioides*
- B. *Amaranthus albus*
- C. *Amaranthus retroflexus*
- D. *Amaranthus blitoides*
- E. None of the Above

193. Poison hemlock  
A. Tribulus terrestris  
B. Polygonum aviculare  
C. Conium maculatum  
D. Opuntia compressa  
E. None of the Above

194. Prickly lettuce  
A. Tribulus terrestris  
B. Polygonum aviculare  
C. Lactuca serriola  
D. Opuntia compressa  
E. None of the Above

195. Ammannia coccinea  
A. Rosinweed  
B. Redvine  
C. Rattlesnake master  
D. Purslane speedwell  
E. None of the Above

196. Lythrum salicaria  
A. Rosinweed  
B. Redvine  
C. Rattlesnake master  
D. Purslane speedwell  
E. None of the Above

197. Veronica peregrina  
A. Rosinweed  
B. Redvine  
C. Rattlesnake master  
D. Purslane speedwell  
E. None of the Above

198. Eryngium yuccifolium  
A. Rosinweed  
B. Redvine  
C. Rattlesnake master  
D. Purslane speedwell  
E. None of the Above

199. Brunnichia ovata  
A. Rosinweed  
B. Redvine  
C. Rattlesnake master  
D. Purslane speedwell  
E. None of the Above

200. *Silphium integrifolium*

- A. Rosinweed
- B. Redvine
- C. Rattlesnake master
- D. Purslane speedwell
- E. None of the Above

201. *Onopordum acanthium*

- A. Rosinweed
- B. Redvine
- C. Scotch thistle
- D. Purslane speedwell
- E. None of the Above

202. *Sericea lespedeza*

- A. *Polygonum coccineum*
- B. *Lespedeza cuneata*
- C. *Polygonum lapathifolium*
- D. *Polygonum persicaria*
- E. None of the Above

203. Shepherd's purse

- A. *Polygonum coccineum*
- B. *Capsella bursa-pastoris*
- C. *Polygonum lapathifolium*
- D. *Polygonum persicaria*
- E. None of the Above

204. Sicklepod

- A. *Polygonum coccineum*
- B. *Polygonum pennsylvanicum*
- C. *Polygonum lapathifolium*
- D. *Polygonum persicaria*
- E. None of the Above

205. Smartweed, ladythumb

- A. *Polygonum coccineum*
- B. *Polygonum pennsylvanicum*
- C. *Polygonum lapathifolium*
- D. *Polygonum persicaria*
- E. None of the Above

206. Smartweed, pale

- A. *Polygonum coccineum*
- B. *Polygonum pennsylvanicum*
- C. *Polygonum lapathifolium*
- D. *Polygonum persicaria*
- E. None of the Above

207. Smartweed, Pennsylvania

- A. *Polygonum coccineum*
- B. *Polygonum pennsylvanicum*
- C. *Polygonum lapathifolium*
- D. *Polygonum persicaria*
- E. None of the Above

208. Smartweed, swamp

- A. *Polygonum coccineum*
- B. *Polygonum pennsylvanicum*
- C. *Polygonum lapathifolium*
- D. *Polygonum persicaria*
- E. None of the Above

209. Smooth groundcherry

- A. *Sonchus asper*
- B. *Physalis subglabrata*
- C. *Bidens bipinnata*
- D. *Euphorbia marginata*
- E. None of the Above

210. Smooth sumac

- A. *Sonchus asper*
- B. *Rhus glabra*
- C. *Bidens bipinnata*
- D. *Euphorbia marginata*
- E. None of the Above

211. Snow-on-the-mountain

- A. *Sonchus asper*
- B. *Amaranthus spinosus*
- C. *Bidens bipinnata*
- D. *Euphorbia marginata*
- E. None of the Above

212. Spanish needles

- A. *Sonchus asper*
- B. *Amaranthus spinosus*
- C. *Bidens bipinnata*
- D. *Euphorbia marginata*
- E. None of the Above

213. Spiny amaranth

- A. *Sonchus asper*
- B. *Amaranthus spinosus*
- C. *Bidens bipinnata*
- D. *Euphorbia marginata*
- E. None of the Above

214. Spiny sowthistle  
A. *Sonchus asper*  
B. *Amaranthus spinosus*  
C. *Bidens bipinnata*  
D. *Euphorbia marginata*  
E. None of the Above

215. Spurge, leafy  
A. *Anoda cristata*  
B. *Euphorbia dentate*  
C. *Euphorbia nutans*  
D. *Euphorbia esula*  
E. None of the Above

216. Spurge, nodding  
A. *Anoda cristata*  
B. *Euphorbia dentate*  
C. *Euphorbia nutans*  
D. *Euphorbia esula*  
E. None of the Above

217. Spurge, prostrate  
A. *Euphorbia humistrata*  
B. *Euphorbia dentate*  
C. *Euphorbia nutans*  
D. *Euphorbia esula*  
E. None of the Above

218. Spurge, toothed  
A. *Euphorbia dentata*  
B. *Euphorbia dentate*  
C. *Euphorbia nutans*  
D. *Euphorbia esula*  
E. None of the Above

219. Spurred anoda  
A. *Anoda cristata*  
B. *Euphorbia dentate*  
C. *Euphorbia nutans*  
D. *Euphorbia esula*  
E. None of the Above

220. Tall thistle  
A. *Anoda cristata*  
B. *Euphorbia dentate*  
C. *Euphorbia nutans*  
D. *Cirsium altissimum*  
E. None of the Above

221. Tansy mustard  
A. Anoda cristata  
B. Descurainia pinnata  
C. Euphorbia nutans  
D. Euphorbia esula  
E. None of the Above
222. Campsis radicans  
A. Trumpet creeper  
B. Velvetleaf  
C. Venice mallow  
D. Unicorn-plant  
E. None of the Above
223. Proboscidea louisianica  
A. Trumpet creeper  
B. Velvetleaf  
C. Venice mallow  
D. Unicorn-plant  
E. None of the Above
224. Abutilon theophrasti  
A. Trumpet creeper  
B. Velvetleaf  
C. Venice mallow  
D. Unicorn-plant  
E. None of the Above
225. Hibiscus trionum  
A. Trumpet creeper  
B. Velvetleaf  
C. Venice mallow  
D. Unicorn-plant  
E. None of the Above
226. Triodanis perfoliata  
A. Trumpet creeper  
B. Velvetleaf  
C. Venus looking glass  
D. Unicorn-plant  
E. None of the Above
227. Verbena hastata  
A. Vetch  
B. Vervain, blue  
C. Virginia copperleaf  
D. Vervain, hoary  
E. None of the Above

228. *Verbena stricta*  
A. Vetch  
B. Virginia creeper  
C. Virginia copperleaf  
D. Vervain, hoary  
E. None of the Above

229. *Vicia* spp.  
A. Vetch  
B. Virginia creeper  
C. Virginia copperleaf  
D. Vervain, hoary  
E. None of the Above

230. *Acalypha virginica*  
A. Vetch  
B. Virginia creeper  
C. Virginia copperleaf  
D. Vervain, hoary  
E. None of the Above

231. *Parthenocissus quinquefolia*  
A. Vetch  
B. Virginia creeper  
C. Virginia copperleaf  
D. Vervain, hoary  
E. None of the Above

232. *Lepidium virginicum*  
A. Vetch  
B. Virginia creeper  
C. Virginia pepperweed  
D. Vervain, hoary  
E. None of the Above

233. Water hemlock  
A. *Barbarea vulgaris*  
B. *Cicuta maculata*  
C. *Lactuca serriola*  
D. *Baptisia* spp.  
E. None of the Above

234. Western salsify  
A. *Tragopogon dubuis*  
B. *Aster pilosus*  
C. *Eupatorium rugosum*  
D. *Polygonum convolvulus*  
E. None of the Above

235. White heath aster  
A. Tragopogon dubuis  
B. Aster pilosus  
C. Eupatorium rugosum  
D. Polygonum convolvulus  
E. None of the Above

236. White snakeroot  
A. Tragopogon dubuis  
B. Aster pilosus  
C. Eupatorium rugosum  
D. Polygonum convolvulus  
E. None of the Above

237. Wild buckwheat  
A. Tragopogon dubuis  
B. Aster pilosus  
C. Eupatorium rugosum  
D. Polygonum convolvulus  
E. None of the Above

238. Wild carrot  
A. Barbarea vulgaris  
B. Brassica kaber  
C. Daucus carota  
D. Baptisia spp.  
E. None of the Above

239. Wild indigo  
A. Barbarea vulgaris  
B. Brassica kaber  
C. Lactuca serriola  
D. Baptisia spp.  
E. None of the Above

240. Yellow rocket  
A. Barbarea vulgaris  
B. Brassica kaber  
C. Lactuca serriola  
D. Baptisia spp.  
E. None of the Above

**Identify the plant life classification**  
**Grasses**

241. Annual bluegrass  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

242. Barnyardgrass  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
243. Crabgrass  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
244. Foxtail  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
245. Goosegrass  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
246. Bromegrass  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
247. Quackgrass  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
248. Tall Fescue  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

249. Creeping bentgrass
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
250. Bindweed
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
251. Black medic
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
252. Chickweed, common
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
253. Chickweed, mouse-ear
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
254. Chickory
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
255. Cinquefoil
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above

256. Dandelion  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

257. Dock, curly  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

258. Garlic or onion  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

259. Ground ivy  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

260. Heal-all  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

261. Henbit  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

262. Knotweed  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

263. Mallow roundleaf  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
264. Pigweed  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
265. Plantain, buckhorn  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
266. Plantain, common  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
267. Poison ivy  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
268. Purslane  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above
269. Red sorrel  
A. Annual  
B. Perennial  
C. Biennial  
D. Mixed, or a combination of the above, depending on area  
E. None of the Above

270. Speedwell, creeping
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
271. Speedwell, annual
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
272. Spurge, spotted
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
273. Sow thistle
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
274. Wild violet
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
275. White clover
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above
276. Wild carrot
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above

277. Wood sorrel
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above

278. Yarrow
- A. Annual
  - B. Perennial
  - C. Biennial
  - D. Mixed, or a combination of the above, depending on area
  - E. None of the Above

### **Official Federal Weed Classification Section**

279. *Azolla pinnata*
- A. Aquatic weeds
  - B. Parasitic weeds
  - C. Terrestrial weeds
  - D. Two of the above classifications
  - E. None of the Above

280. *Ipomoea triloba*
- A. Aquatic weeds
  - B. Parasitic weeds
  - C. Terrestrial weeds
  - D. Two of the above classifications
  - E. None of the Above

281. *Ischaemum rugosum*
- A. Aquatic weeds
  - B. Parasitic weeds
  - C. Terrestrial weeds
  - D. Two of the above classifications
  - E. None of the Above

282. *Leptochloa chinensis*
- A. Aquatic weeds
  - B. Parasitic weeds
  - C. Terrestrial weeds
  - D. Two of the above classifications
  - E. None of the Above

283. *Eichornia azurea*
- A. Aquatic weeds
  - B. Parasitic weeds
  - C. Terrestrial weeds
  - D. Two of the above classifications
  - E. None of the Above

284. *Hydrilla verticillata*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above

285. *Borreria alata*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above

286. *Carthamus oxyacantha*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above

287. *Hygrophila polysperma*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above

288. *Crupina vulgaris*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above

289. *Digitaria scalarum*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above

290. *Digitaria velutina*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above

291. *Ipomoea aquatica*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above
292. *Lagarosiphon major*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above
293. *Limnophila sessiliflora*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above
294. *Melaleuca quenquinervia*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above
295. *Monochoria hastata*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above
296. *Monochoria vaginalis*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above
297. *Ottelia alismoides*  
A. Aquatic weeds  
B. Parasitic weeds  
C. Terrestrial weeds  
D. Two of the above classifications  
E. None of the Above

298. *Sagittaria sagittifolia*
- A. Aquatic weeds
  - B. Parasitic weeds
  - C. Terrestrial weeds
  - D. Two of the above classifications
  - E. None of the Above

299. *Salvinia auriculata*
- A. Aquatic weeds
  - B. Parasitic weeds
  - C. Terrestrial weeds
  - D. Two of the above classifications
  - E. None of the Above

300. *Salvinia biloba*
- A. Aquatic weeds
  - B. Parasitic weeds
  - C. Terrestrial weeds
  - D. Two of the above classifications
  - E. None of the Above

**Always call us after faxing the paperwork to ensure that we've received it.**