

Chapter 19: Native, Non-Native, Invasive Plants Quiz

(revised 11/2025)

Question
1. All the following are true about native plants EXCEPT: A. Grow in the region in which they evolved B. Developed with no human involvement C. Are economically important in agriculture and horticulture such as soybeans and tulips D. Interact with other species of their plant community
2. The benefits of native plants include: A. Providing food and shelter for other species B. Reducing harmful run-off by the creation of a riparian buffer C. Improving soil fertility D. All of the above
3. Which is the BEST statement about non-native plants? A. Are accidentally introduced into a region in which it did not evolve B. Cause harm to natural and/or economic resources C. Threaten Virginia forests, marshes, wetlands, and waterways D. An introduced species that does not cause problems and is beneficial, such as food crops
4. Characteristics of invasive plants include all EXCEPT: A. Ability to out-compete native species B. Rapid growth and maturity C. Provide edible leaves for native caterpillar species. D. High cost of removal and control.
5. In planning a native garden, all would be wise to plant EXCEPT: A. Butterfly weed B. Hollow Joe Pye Weed C. Tree of Heaven D. Flowering Dogwood
6. Which is NOT THE BEST reason to plant a native plant? A. They are adapted to the native climate and require little care like needing less water. B. They can help heal native habitats that have been destroyed by human intervention. C. They can be easily purchased at nursery centers. D. They require few (if any) pesticides or chemical fertilizers

7. A non-native plant that can reproduce and survive in nature without human support is defined as a/an _____ plant.

- A. Voucher specimen
- B. herbarium
- C. naturalized
- D. native

8. In conducting Internet research to learn more about native plants, look for websites that end in all BUT--- (MARK ALL THAT APPLY)

- A. Edu
- B. Gov
- C. Com
- D. Net

9. Nativars are cultivars of native species that are the “Wild Type”?

- A. True
- B. False**

10. Which of the following IS NOT TRUE of a ‘cultivar’ of a native plant?

- A. The brilliant color is a positive enhancement to landscape design.
- B. They are often substituted for native plants at local nurseries.
- C. They are hybridized for desirable traits for both the garden and the gardener.
- D. They offer animals the genotypes with which they have evolved.

11. There are laws that regulate invasive plants in Virginia.

- A. True
- B. False