

Horticulture Essentials

Horticulture · Answer Key · 10 Questions

1. In which year did Carl Linnaeus publish 'Species Plantarum', establishing the system of binomial nomenclature used in horticulture?

- A) 1753**
- B) 1802
- C) 1910
- D) 1699

2. How many primary petals does a standard single-flowered tulip have?

- A) 2
- B) 6**
- C) 10
- D) 12

3. What is the chemical symbol for Nitrogen, a primary nutrient found in almost all commercial fertilizers?

- A) Ni
- B) Na
- C) N**
- D) Ne

4. How many categories of hardiness zones are officially used in the USDA plant hardiness map for the United States?

- A) 5
- B) 13**
- C) 20
- D) 50

5. The 'Green Revolution', which significantly improved horticultural crop yields, was led by which Nobel Peace Prize winner starting in the 1940s?

- A) Norman Borlaug**
- B) Gregor Mendel
- C) Luther Burbank
- D) Beatrix Potter

6. What is the standard pH range considered 'neutral' for most garden soils?

- A) 0.0-2.0
- B) 4.0-5.0
- C) 6.5-7.5**
- D) 12.0-14.0

7. A 'decennium' in agricultural and horticultural planning refers to a period of how many years?

- A) 1
- B) 5
- C) 10**
- D) 100

8. Which plant part is scientifically defined as the 'ovary' of the flower after fertilization occurs?

- A) Root
- B) Leaf
- C) Stem
- D) Fruit**

9. In photosynthesis, plants consume which specific gas to produce glucose?

- A) Carbon dioxide**
- B) Nitrogen
- C) Argon
- D) Helium

10. Gregor Mendel, known as the father of genetics, conducted his famous plant breeding experiments primarily using which type of plant?

- A) Roses
- B) Peas**
- C) Tomatoes
- D) Corn