

***** EXAMINATION *****

STRIP-TILLAGE

1. **Strip-tillage is a form of:**
 - a) inorganic tillage
 - b) organic tillage
 - c) rehabilitation tillage
 - d) conservation tillage

2. **The depth of the strip-tillage zone is:**
 - a) 1 to 10 inches
 - b) 2 to 14 inches
 - c) 4 to 20 inches
 - d) 6 to 30 inches

3. **Strip-tillage reduces:**
 - a) fuel costs
 - b) labor costs
 - c) equipment costs
 - d) All of the above

4. **Strip-tillage is also called:**
 - a) zone tillage
 - b) vertical tillage
 - c) removal tillage
 - d) both A and B

5. **Strip tillage used for**
 - a) cotton, corn, and peanuts
 - b) corn, beans, and hay
 - c) cotton, sugarcane, and tea
 - d) beans, cotton, and peanuts

6. **Strip-tillage was introduced in**
 - a) Alaska
 - b) Arizona
 - c) California
 - d) Delaware

7. **The benefits of strip-tillage are**
 - a) more economic
 - b) more productivity
 - c) less labor
 - d) none of the above
8. **With strip-tillage, seedbed preparation costs**
 - a) increase
 - b) decrease
 - c) stay the same
 - d) vary
9. **Triple-cropping uses**
 - a) three crops within a calendar year
 - b) three crops within a season
 - c) three crops within a month
 - d) three crops per field
10. **What are the regulation limits on waste discharge:**
 - a) 120 to 145
 - b) 130 to 155
 - c) 140 to 165
 - d) 150 to 175
11. **Shortened intervals between crops facilitates**
 - a) the capture of hydrogen
 - b) the capture of oxygen
 - c) the capture of carbon
 - d) the capture of nitrogen
12. **PM10 emissions were reduced by:**
 - a) 55 to 80 percent
 - b) 65 to 90 percent
 - c) 75 to 100 percent
 - d) 85 to 110 percent
13. **Primary means for weed control in strip-till systems**
 - a) are timely glyphosate applications
 - b) are timely pulling of weeds
 - c) are proper planting timing
 - d) are proper pest control
14. **Not planting berm areas causes a sizeable part**
 - a) of the field to remain productive
 - b) of the field to become flooded
 - c) of the field to remain unproductive
 - d) none of the above

15. **A method to allow planting to the base of the berm is**

- a) hand planting
- b) GPS-enabled planting
- c) typical planting
- d) tractor planting

16. **Less tractor traffic across the field will cause**

- a) more use of fuel
- b) more plant destruction
- c) more tire tracks
- d) less compaction

17. **Dairymen apply solid manure before:**

- a) summer corn seeding
- b) summer planting
- c) fall corn seeding
- d) fall planting

18. **Rotary strip-tillers are essentially:**

- a) electric roto-tillers
- b) round roto-tillers
- c) modified roto-tillers
- d) none of the above

19. **For each row unit about:**

- a) 10 horsepower are needed
- b) 20 horsepower are needed
- c) 30 horsepower are needed
- d) 40 horsepower are needed

20. **More energy is needed in:**

- a) thicker soil
- b) dry soil
- c) wet soil
- d) All of the above

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