

Table 2: Changes in Learning for Webinar Participants as Evaluated by Pre- and Post-testing

Question	Pre-test (% correct response)	Post-test (% correct response)	Change in Learning
1. The optimum soil pH range for blueberries is: (4.2-4.5)	72.9	92.9	20.0
2. Changes in soil pH by adding sulfur or lime generally take effect: (>12 months after application)	46.0	63.3	17.3
3. The best form of nitrogen to apply to blueberries is: (Ammonium)	65.2	92.9	27.7
4. Raspberries often display nutrient deficiency or excess symptoms in the field. (False)	10.2	51.9	41.7
5. Strawberries should be fertilized in spring before berry set. (False)	51.1	57.1	6.0
6. Optimum soil organic matter content for berry crops is: (>3%)	49.0	96.4	47.4
7. The best soil for strawberry production is a well-drained sandy loam. (True)	83.0	92.6	9.6
8. Soil tests attempt to estimate the amount of plant-available nutrients in the soil, not the total amount of nutrients in the soil. (True)	48.9	82.1	33.2
9. Clays and soils high in organic matter have higher nutrient holding capacity, while sands have a lower nutrient holding capacity. (True)	95.7	100.0	4.3
10. Nutrient levels in berry plant tissue will always mirror nutrient levels found in soil. (False)	82.7	100.0	17.3
11. The recommended pH for bramble plantings (raspberries and blackberries) is: (6.0 to 6.5)	57.1	64.3	7.2
12. It is rare for a single foliar nutrient to be deficient in berry crops; often multiple deficiencies occur simultaneously. (True)	26.0	57.1	31.1
13. The best time to collect berry leaves for foliar analysis is: (July)	47.2	82.1	34.9
14. Soil tests provide accurate results for all essential mineral nutrients, while foliar analysis does not. (False)	78.4	82.1	3.7
15. Visual diagnosis of berry crop nutrient problems is accurate and precise. (False)	88.2	96.4	8.2
16. The recommended pH level for strawberries is: (6.0 to 6.5)	64.2	67.9	3.7
17. A combination of soil testing, tissue analysis and observation of crop response is the best approach to assessing berry crop nutrient status. (True)	100.0	96.4	-3.6
18. Soil health may be improved by frequent cultivation to improve soil drainage. (False)	75.7	92.9	17.2
19. Characteristics of a health soil include: (Good soil tilth, Sufficient depth)	63.0	92.9	29.9
20. Soil and leaf samples for testing should be collected in a V-shaped sampling pattern across the entire planting. (True)	14.8	60.7	45.9