

Tracking #: [FL 54559 thru FL 54564](#)

New Technology for Commercial Vegetable and Fruit Production (XII)

Wednesday, February 28, 2024, from 8:45 to 4:00 PM

County: _____ City: _____ Zip code: _____

Name: _____ (Use the **same** name or symbol for pre- and post-tests)

1306 Fifield Hall & via Canvas

Pre-test

Presentation Title:

Understanding Proper Rhizobial Inoculation of Legumes for Extension & Research Work

Presenter: Dr. Calvin Trostle (806-746-6101) ctrostle@ag.tamu.edu

1. What percentage of the atmosphere consists of nitrogen in the form of an N₂ molecule?
 - A. 72%.
 - B. 75%.
 - C. 78%.
 - D. 81%.
2. Lack of attention to _____ can diminish if not invalidate research.
 - A. The measurement and reporting of soil N status, particularly nitrate-N, especially at lower soil depths.
 - B. Report both the use of rhizobial inoculants and the nodulation status in legume research.
 - C. Both A and B.
 - D. Neither A nor B.
3. When using liquid Rhizobial inoculants, is it acceptable to utilize city water as your carrier?
 - A. Yes, it is permissible.
 - B. No, never.
 - C. It is indifferent.
 - D. The suitability depends on the soil conditions.
4. Standard soil testing in most states is 0-15 cm but for soil N status, it should be measured and reported to _____ cm depth.
 - A. 30.
 - B. 40.
 - C. 50.
 - D. 60.
 - E. 70.