



Determining Agricultural Literacy at Eastern New Mexico University

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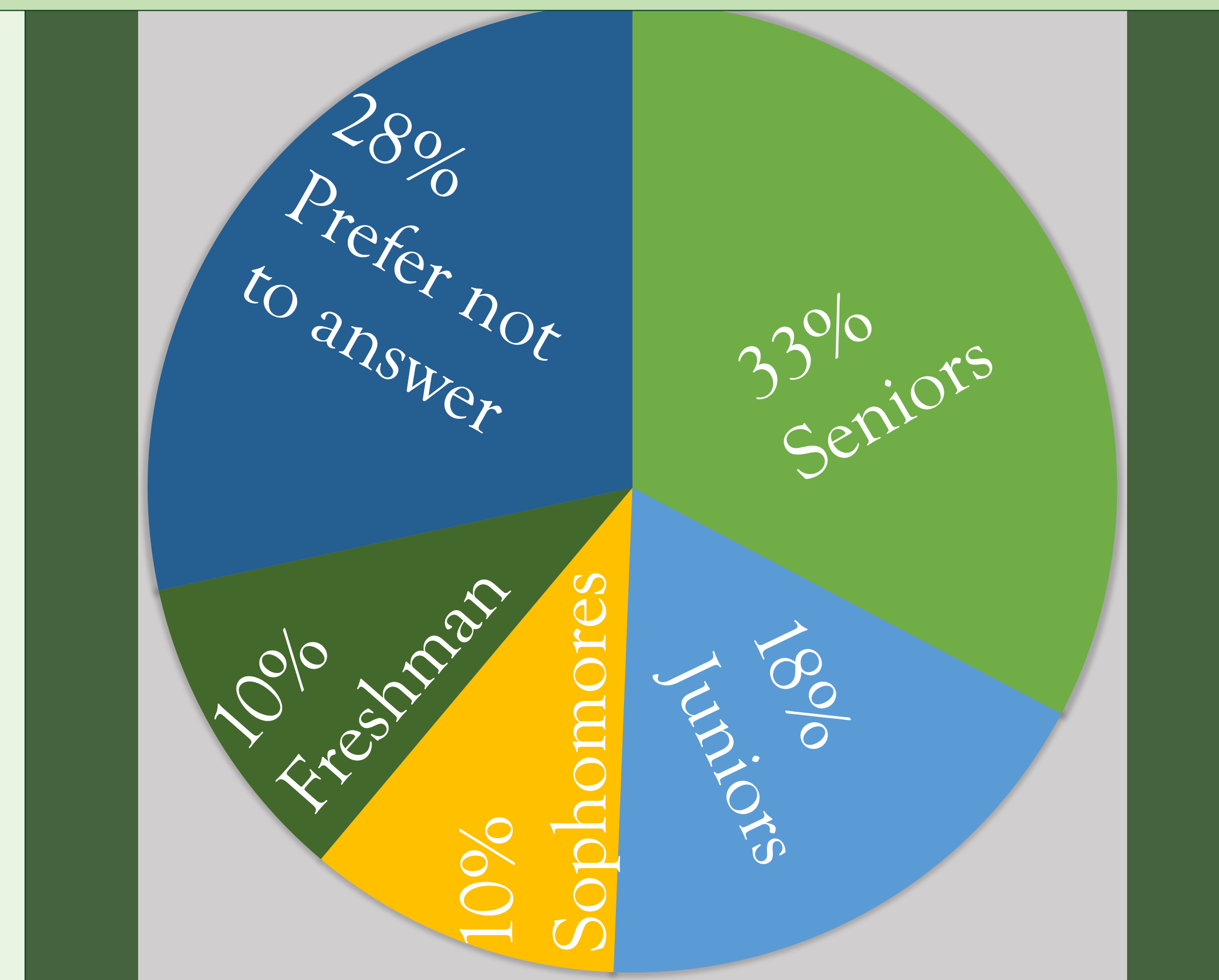
Introduction

- The term agricultural literacy is described as “understanding and possessing a knowledge of our food and fiber system”. (Frick, 1990, p.41)
- Many studies have been conducted on the agricultural literacy of student grades K-12. However there have not been many studies conducted on the agricultural literacy of college age students.
- The purpose of this study is to determine the agricultural literacy of students undergraduate students at Eastern New Mexico University (ENMU).
- Determining the agricultural literacy of undergraduates can aid in the development of courses and curriculum at post-secondary institutions to create a more agriculturally literate society.

Methodology

- Judd-Murray Agricultural Literacy Instrument 9-12:1 was emailed to undergraduate students at ENMU

College Classification

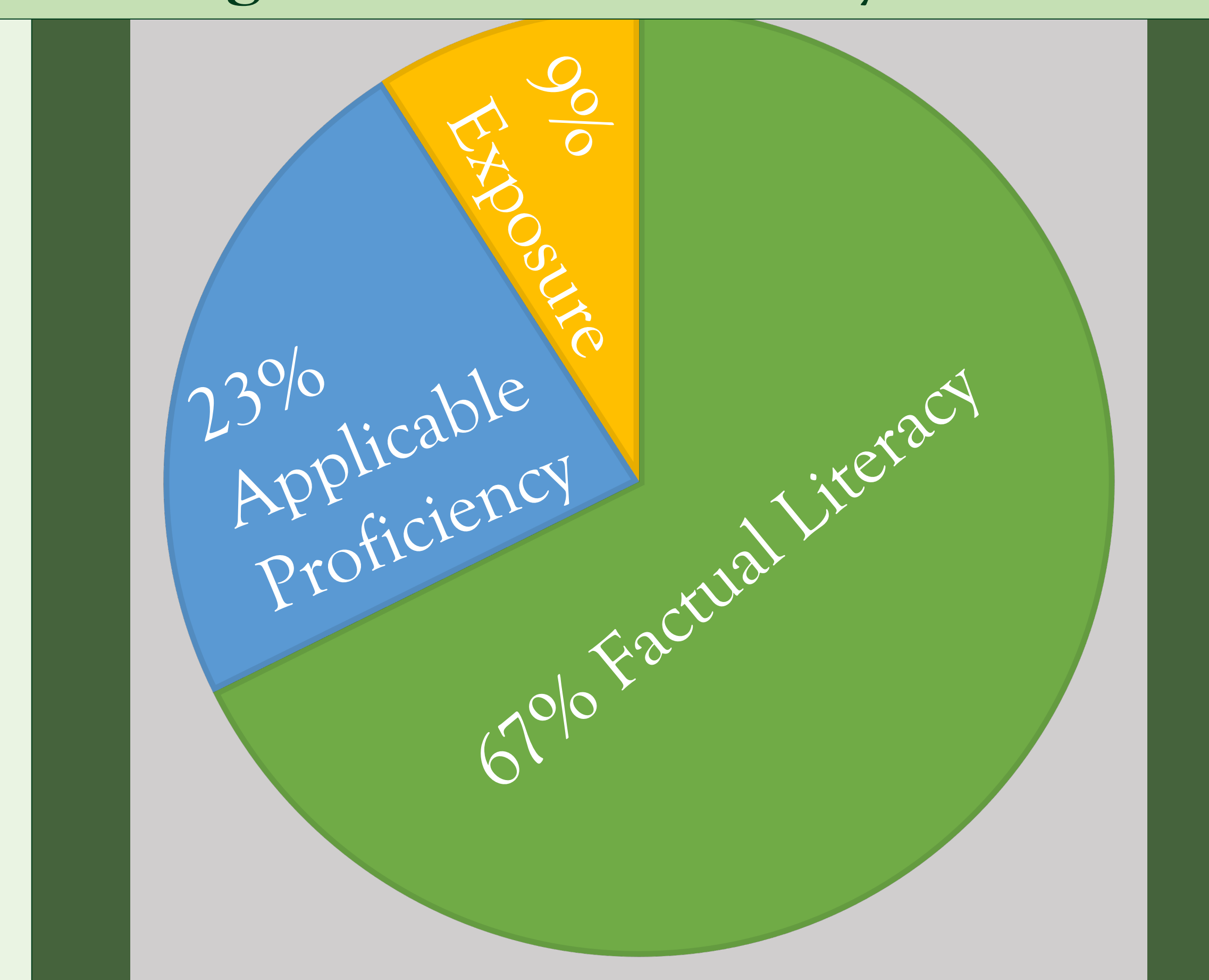


Results To Date

- 227 responses, 162 utilized.
- Respondents consisted of 17 (10.49%) freshman, 17 (10.49%) sophomores, 29 (17.90%) juniors, and 53 (32.72%) seniors. Forty-six (28.40%) did not respond.
- Proficiency Levels of respondents:
 - 15 Exposure
 - 109 Factual literacy
 - 38 Applicable proficiency

Applicable Proficiency	Factual Literacy	Exposure
<ul style="list-style-type: none"> • Applicable proficiency level demonstrate the ability to explain complex situations in terms of impacts and outcomes in agriculture. 	<ul style="list-style-type: none"> • Factual Literacy level make connections among context of agriculture in order to determine relevancy. 	<ul style="list-style-type: none"> • Exposure level demonstrates the ability to explain complex situations in terms of impacts and outcomes in agriculture
Scoring 80% or higher	Scoring 50%-80%	Scoring 50% or lower

Agricultural Literacy Levels



Future Plans

- Data is currently being collected.
- The final data from this study will aid in the development of agricultural courses and curriculum for post-secondary institutions.
- Future studies to determine how to increase agricultural literacy of undergraduate students.