

Scientific literacy assessment ENV5 150 Plant Science

The ability of our students to:

- B.1. Apply key processes and scientific reasoning to draw reasonable conclusions within the natural sciences.
- B.2. Use critical and logical thinking, knowledge of accepted scientific methods, and appropriate sources to evaluate the credibility of information with scientific content.

Was assessed with 10 questions (see attachment)

The table below provides the percentage of students in each section that answered those questions correctly.

<b>Instructor</b>		<b>Foret</b>	<b>Foret</b>	<b>Visser</b>	<b>Warner-Finley</b>
<b>Section</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Question	1	96	96	88	99
	2	79	75	78	84
	3	88	90	93	91
	4	81	35	89	82
	5	31	56	23	29
	6	23	39	68	51
	7	57	49	45	39
	8	80	85	78	76
	9	92	88	89	89
	10	90	84	93	86
<b>Average</b>		<b>72</b>	<b>70</b>	<b>74</b>	<b>73</b>

Based on these results all sections show that the students developed scientific literacy. Questions 5, 6, 7 show that some concepts need to be better explained by all instructors.