Q1 On the home page of TEEAL, the Quick Search box allows you to search for articles quickly using keywords or a combination of keywords using boolean operators. Type "rice" into the Quick Search box and click on the Find it button. How many articles did you find?

- Approximately 8600 results (1)
- No results (2)
- Over 1 million results (3)
- Approximately 500 results (4)
Q2 Return to the home page of TEEAL by clicking on the Home tab. Let’s learn the important difference between the three important operators: AND, OR and NOT. 1. Type "rice AND virus" into the Quick Search box. Make a note of the total number of results. 2. Return to the Quick Search screen on the home page. 3. Type "rice AND NOT virus" in the Quick Search box. Make a note of the number of results. 4. Type "rice OR virus" in the Quick Search box. Make a note of the number of results. Which of the following statements is true about how boolean operators impact the number of results?

○ The number of results using OR is less than the number of results using AND (1)
○ The number of results using AND is less than the number of results using OR (2)
○ The number of results using AND NOT is equal to the number of results using AND (3)
○ The number of results using OR is less than the number of results using AND NOT (4)
Q3 TEEAL provides links to full text articles in the database. You can read the full articles quickly using TEEAL. However, it is important to note that the search function cannot search the actual text of the PDF articles. It is only searching the article title, journal title, author name, ISSN, volume, issue, descriptors, and abstract. Let’s try one more exercise to understand the search function better. It is important to think about the keywords that you enter and how you enter them into the search. Return to the home page by clicking on the Home tab. For instance, let’s say that we are interested in finding articles about the yellow mottle virus and rice. Type "effect of yellow mottle virus on rice" in the Quick Search box. How many results do you get?

- 100 (1)
- 5000 (2)
- 0 (3)
- 6 (4)
Q4 Type "yellow mottle virus AND rice" in the Quick Search box click Find it. Now how many results do you get?

- 28 (1)
- 0 (2)
- 2000 (3)
- 5 (4)
Q5 On any TEEAL page, click on the Advanced Search tab. Highlights of the Advanced Search are: It allows you to combine several keywords and specify which fields you would like to search (article title, journal title, author name, ISSN, volume, issue, descriptors, and abstract). You can also limit the search to specific journals by choosing them from the list. You can also limit to a date range in years, such as 2008 to 2009. The same principles of boolean operators apply to the Advanced Search. Let’s try and find article on stem rust or leaf rust affecting wheat. Using the Advanced Search feature, what is the correct search string construction to find articles on stem rust or leaf rust affecting wheat?

- Wheat AND stem rust AND NOT leaf rust (1)
- Wheat OR stem rust OR leaf rust (2)
- Wheat OR stem rust and leaf rust (3)
- Wheat AND (stem rust OR leaf rust) (4)