

Tips and Tricks:

Definitions of new terms are important, even the ones whose meanings are not properly stated in the book chapter. Refer other books or study materials or even the webpages for the same.

The questions stated in between the paragraphs in the textbooks are as important as the text. These are questions are meant to invoke a rational thought process in the students' minds. Questions asked in competitive exams are often based on this extra knowledge. It is recommended that you surf through your material and the internet resources to find the solutions to these.

Always try making the tables to distinguish and remember the micronutrients and macronutrients on your own. Mnemonics help more if you put thought into creating them.

Do the roles of these nutrients thoroughly along with the effects that are caused due to its deficiency and toxicity.

Refer to the diagrammatic representation of mechanism of absorption and translocation of solutes (not given in this chapter) while understanding it. This would help you relate better to the topic and understand the pathway instead of mindlessly memorizing it.

Similarly, refer to the diagrammatic illustrations of nitrogen cycle, biological nitrogen fixation (both free living and symbiotic) and specific root nodule formation diagrams.

This chapter has formulas, so attention should be paid to them.

Experimental questions might be framed on the nutrient solution culture or the hydroponic setup.