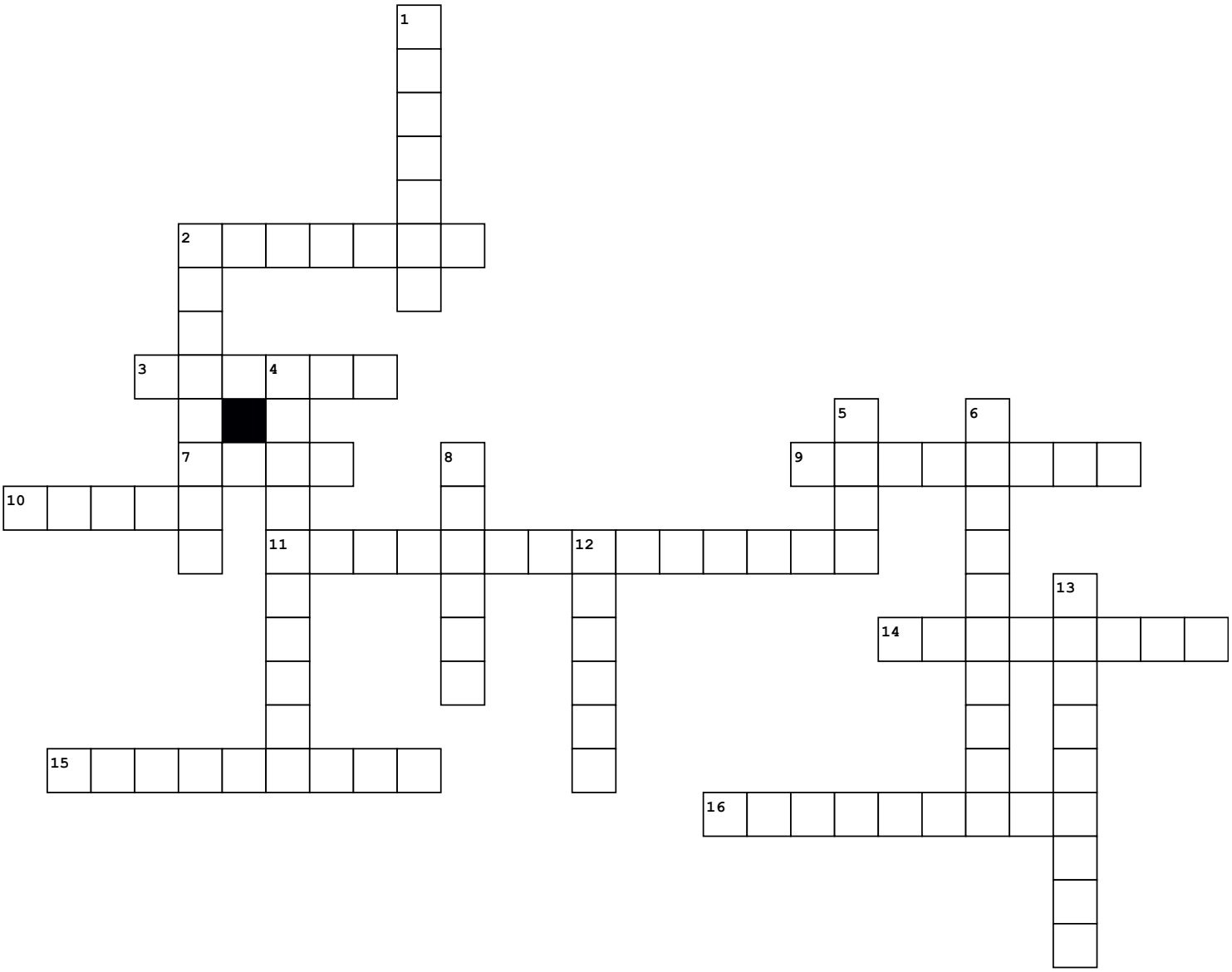
The Necessity of Macronutrients and Micronutrients in Plants



Across

2. Stunted growth, parts between leaf veins become yellowish is cause by deficiency of _____.

3. Important for growth, reproduction and flower formation.

7. Act as a cofactor in chlorophyll synthesis.

9. Gives the green colour to plants and main components of proteins, nucleic acids and enzymes

Down

1. Leaves or the whole plant turns yellow.

2. Involved in the equilibrium of osmotic pressure in cells and photosynthesis reaction

4. Formation of dark green is caused by deficiency in _____.

5. Helps in synthesis of auxin (growth hormone).

6. Chlorosis in between matured leaf veins is due to deficiency in _____.

8. solution A culture solution to study the importance of nutrients for plant growth.

10. Helps the roots in calcium ion uptake and sucrose translocation

11. Manganese helps to activates _____ enzymes.

14. Components in all organic compound of plants and important components in synthesis of sugar

15. _____ is involved in carbohydrates metabolism.

16. Phosphorus can acts as _____ in photosynthesis and respiration

12. Involved in the breakdown of urea to become ammonia which can be used in plants.

13. Lacking of this nutrients can cause premature death of plants and protein synthesis disrupted