

## The Need for Nutrients

This is a concise, basic list of nutrients that are necessary for plant growth. It will provide you with necessary core information.

| Mineral Salt | Use in plant      | How it helps the plant            | What would the plant be like without it?                                          |
|--------------|-------------------|-----------------------------------|-----------------------------------------------------------------------------------|
| Nitrate      | Proteins          | To strengthen the plant           | Weak, floppy, unbalanced plant<br><br>No growth                                   |
| Phosphate    | ATP               | Respiration<br><br>Energy release | Wouldn't be able to access energy from photosynthesis                             |
| Potassium    | Enzyme Activators | Aids photosynthesis               | No food for the plant                                                             |
| Magnesium    | Chlorophyll       | Photosynthesis                    | Couldn't carry out photosynthesis<br><br>Plant wouldn't be green<br><br>No energy |