

## Abbreviations

|                               |   |
|-------------------------------|---|
| NAA                           | $\alpha$ -naphthalene acetic acid   |
| 2,4-D                         | 2,4-dichlorophenoxy acetic acid   |
| TTC                           | 2-3-5 triphenyl tetrazolium chloride.                                     |
| ABA                           | Abscisic acid   |
| ACOA                          | Acetyl coenzyme A   |
| APase                         | Acid phosphatase  |
| ATP                           | Adenosine triphosphate  |
| $\alpha$                      | Alpha   |
| AA                            | Ascorbic acid   |
| $\beta$                       | Beta  |
| CO <sub>2</sub>               | Carbon dioxide  |
| Car                           | Carotenoids   |
| cm                            | Centimeter  |
| $\Delta$ OD                   | Change in optical density   |
| CCC                           | Chlorocholine chloride/ Chloroethyl trimethyl ammonium chloride (cycocel) |
| Chl                           | Chlorophyll   |
| Conc.                         | Concentrated  |
| C                             | Control   |
| cv                            | Cultivar  |
| <sup>o</sup> C                | Degree Celsius  |
| DNA                           | Deoxyribonucleic acid   |
| D.W.                          | Distilled water   |
| RM                            | Electrophoretic mobility relative to Na <sup>+</sup>                      |
| EC                            | Enzyme code   |
| EDTA                          | Ethylene diamine tetra-acetic acid  |
| Fig.                          | Figure  |
| GA                            | Gibberellic acid  |
| g                             | Gram  |
| pH                            | Hydrogen ion concentration  |
| H <sub>2</sub> O <sub>2</sub> | Hydrogen peroxide   |
| IAA                           | Indole-3-acetic acid  |
| IBA                           | Indole-3-butyric acid   |
| Pi                            | Inorganic phosphate   |
| Kn.                           | Kinetin (6-Furfuryl amino purine)   |
| l                             | Liter   |
| Mg                            | Magnesium   |
| MH                            | Maleic hydrazide  |
| Mpa                           | Megapascal  |
| M                             | Meter   |
| $\mu$                         | Micron  |

|                                |  |
|--------------------------------|--|
| MM                             | Mili molar   |
| ml                             | Milliliter   |
| Mm                             | Millimeter   |
| Rf                             | Mobility relative to arbitraryion (or moving boundary) |
| M                              | Molar  |
| MS                             | Murashige and Skoog's media (1962)                     |
| NEEDA                          | N-1-Nphthylene diamide dihydrochloride                 |
| NAD                            | Nicotinamide adenine dinucleotide                      |
| NADP                           | Nicotinamide adenine dinucleotide phosphate            |
| NR                             | Nitrate reductase                                      |
| HNO <sub>3</sub>               | Nitric acid  |
| N                              | Nitrogen   |
| N                              | Normality  |
| N.                             | Normality  |
| O <sub>2</sub>                 | Oxygen   |
| g <sup>-1</sup>                | Per gram   |
| mg <sup>-1</sup>               | Per milligram  |
| %                              | Percent  |
| Lb.                            | Pounds   |
| <sup>14</sup> CO <sub>2</sub>  | Radio active carbon dioxide                            |
| RNA                            | Ribonucleic acid                                       |
| SA                             | Salicylic acid   |
| NaOH                           | Sodium Hydroxide                                       |
| Sp.                            | Species  |
| H <sub>2</sub> SO <sub>4</sub> | Sulphuric acid   |
| var.                           | Variety  |
| w/v                            | Weight per volume                                      |