ABBREVIATIONS

ADP  Adenosine diphosphate
AMP  Adenosine monophosphate
ATP  Adenosine triphosphate
BBA  Bovine serum albumin
BS   Bundle sheath
C₃ Plants  Plants possessing the calvin cycle pathway of photosynthesis
C₄ Plants  Plants possessing the Hatch and Slack pathway of photosynthesis
Chl  Chlorophyll
Cyto  Cytochrome
DCPIP  2, 6-Dichlorophenol indophenol
DTT  Dithiothreitol
EDTA  Ethylene diamine tetraacetic acid
Fd  Ferredoxin
GOGAT  Glutamate synthese
Gs  Glutamine synthetase
M  Microns
mcI  millicurie
Mm  Micrometer
Ms  Mesophyll
Mer  Methyl viologen
NAD  Nicotinamide adenine dinucleotide
NADH  Nicotinamide adenine dinucleotide reduced
NADP  Nicotinamide adenine dinucleotide phosphate
NADPH  Nicotinamide adenine dinucleotide phosphate reduced
NAD–ME  Nicotinamide – adenine dinucleotide, malic enzyme
NADP–ME  Nicotinamide adenine dinucleotide phosphate malic enzyme
nm  Nanometer
NR  Nitrate reductase
NIR  Nitrite reductase
OAA  Oxaloacetate
OD  Optical density
PEP  Phosphoenol pyruvate
PEP–CK  Phosphoenol pyruvate carboxy kinase
Pi  Orthophosphoric acid
PMS  N-methyl phenazonium methasulfate
PSI  Photosystem – I
PSII  Photosystem – II
PVP  Polyvinyl pyrrolidone
R-5 P  Ribose 5-phosphate
RUBP  Ribulose biphosphate
SE  Standard error
TCA  Trichloroacetic acid
TCA cycle  Tricarboxylic acid cycle
Tris  Tris (hydroxy methyl) amino metrave
WUE  Water use efficiency