

ABBREVIATIONS

ΔOD	-change in optical density
$^{\circ}F$	- degree fahrenheit
$^{\circ}C$	-degree Celsius
ppm	- parts per million
pH	- Hydrogen ion concentration
GA	- Gibberlic acid
IAA	-Indole-3-Acetic Acid
IBA	-Indole-3-Butyric acid
NAA	- α -naphthyl acetic acid
2, 4-D	-2,4-Dichloroacetic acid
AAS	-Atomic Absorption Spectrophotometer
UV-VIS	-Ultraviolet-Visible range
$MgCO_3$	- Magnesium carbonate powder
HCl	- Hydrochloric Acid
$CuSO_4 \cdot 5H_2O$	- Copper sulfate
NEEDA	- ?
H_2SO_4	- Sulfuric acid
HNO_3	-Nitric acid
H_2O_2	-Hydrogen peroxides
CCl_4	-Carbon tetrachloride

PVP	-Poly vinyl pyrrolidone
ATP	-Adenosine triphosphate
ADP	-Adenosine diphosphate
ip	- Inorganic phosphate
NR	-Enzyme Nitrate Reductase
POX	- Enzyme Peroxidase
PPO	- Enzyme Polyphenol oxidase
SOD	- Enzyme Superoxide dismutase
PAL	- Phenyl alanine ammonialyase
CN	- Cyanide
N	- Nitrogen
Na	-Sodium
K	-Potassium
Ca	-Calcium
Mg	-Magnesium
P	-Phosphorus
Fe	-Iron
RuBP	-Rubilose bis-phosphate
RNA	-Ribose Nucleic Acid
DNA	-Deoxy Ribose Nucleic acid
CaCl ₂	. Calcium chloride
CO ₂	-Carbon dioxide

EC	-Enzyme code
EDTA	-Ethylene diamine tetra acetic acid
FAD	-Flavin adenine dinucleotide
Fig.	-Figure
g^{-1}	-Per gram
h^{-1}	-Per hour
min	-minute
g	-gram
h	-hours
KCL	- Potassium chloride
KNO_3	-Potassium nitrate
KNO_2	-Potassium nitrite
mM	- mili molar
μ M	-micro molar
M	-Molar
mg	-mili gram
ml	-mili liter
mol	-Molar
N	-Normal
Fe_2O_3	-Ferrous oxide
NaCl	-Sodium chloride
NAD	-Nicotinamide adenine dinucleotide

NADH	-Nicotinamide adenine dinucleotide reduced	
%	-percentage	
P	-Phosphate	
wt.	-Weight	
DW	-Distilled water	
NEEDA	- <u>N(1-Naphyl) ethylene diamide hydrochloride</u>	<i>check</i>
rpm	-rotation per minute	
sp., spp	-Species	
No.	-Number	
I ₂ KI	-Potassium iodide	
nm	-nanometer	