LIST OF ABBREVIATIONS

ABA	Abscisic acid
ATPase	Adenosine triphosphatase
APX	Ascorbate peroxidase
ROS	Reactive oxygen species
NaCl	Sodium Chloride
SOS	Salt Overly Sensitive
GR	Glutathione reductase
$OH^{\cdot}$	Hydroxyl radical
$^{1}O_2$	Singlet oxygen
$O_2^{\cdot -}$	Super oxide radical
H_2O_2	Hydrogen peroxide
DNA	Deoxyribose nucleic acid
Pro	Proline
GB	Glycine betaine
BADH	Betaine aldehyde dehydrogenase
COD	Choline oxidase
COM	Choline monooxygenase
CDH	Choline dehydrogenase
GST	Glutathione S-transferase
GPX	Glutathione peroxidase
GG20	Gujarat Groundnut 20
NaOCl	Sodium Hypochloride
$HgCl_2$	Mercuric Chloride

MS	Murashige and Skoog
B5	Gamborg vitamins
BAP	N6-benzylaminopurine
NAA	α -naphthalene acetic acid
kn	Kinetin
CN explant	Cotyledon explants
2,4 D	2,4, Di-chloro phynoxyacetic acid
CAT	Catalase
FT	Ferritins
MT	Metal lothioneins
GSH	Reduced glutathione
IAA	Indole-3-acetic acid
PCD	Programmed cell death
PTP	Permeability transition pore
EDTA	Ethylene Di-amine tetra acetic acid
Kan^R	Kanamycin resistance
Rif^R	Refampicne resistance
Tet^R	Tetracyclene resistance
NOS	Nopaline synthase
X-gluc	(5-bromo-4-choloro-3-indolyl) ß-D-glucuronic acid
NRCC	National Research Council of Canada