CA – Conservation Agriculture

B.C. - Before Christ

L-DOPA - L-3,4-dihydroxyphenylalanine

PDMS - Polydimethylsiloxane

BBT - 5-(3-Buten-1-ynyl) - 2, 2′-Bithienyl

BOA - Benzoxazolin-2(3*H*)-one

K^+ - Potassium ion

NADPH - Nicotinamide adenine dinucleotide phosphate

O_2 - Oxygen

H_2O_2 –Hydrogen Peroxide

ROS - Reactive oxygen species

DNA - Deoxyribonucleic acid

HPPD - Hydroxyphenyl pyruvate dioxygenase

QTL - Quantitative trait loci

RILs - Recombinant inbred lines

MDA - Malondialdehyde

TCA - Trichloro acetic acid

TBA - Thiobarbituric acid

mm - millimetre

ml- millilitre

°C - Degree Celcius

ppm – parts per million

min - Minutes

% - Percentage

nm - nanometre

UV – Ultraviolet

mM – MilliMolar

cm - Centimetre

µMole - Micromole

FW – Fresh Weight

S – Speed of germination

H_2SO_4 – Sulphuric acid

$CHCl_3$ - Chloroform

NH_4OH – Ammonium Hydroxide

MeOH – Methanol

PC - Paper Chromatography

TLC – Thin Layer Chromatography

HPLC – High Performance Liquid Chromatography

2- D – 2 Dimensional

HCl – Hydrochloric acid

$NaNO_2$ - Sodium nitrite

Na_2CO_3 - Sodium carbonate

RP – Reverse Phase

µ – Micron

µm – micrometre

μ M- Micromole

Pvt. Ltd – Private Limited

SOD – Superoxide Dismutase

CAT – Catalase

POD – Peroxidase

pH - potential of hydrogen

EDTA - Ethylenediaminetetraacetic acid

NBT - Nitro-Blue tetrazolium

N – Normal (solution)

W – Watt

mg – milligram

cm – centimetre

m – metre

CBB - Coomassie Brilliant Blue

Vis – Visible

SDS - Sodium dodecyl sulfate

PAGE - Polyacrylamide gel electrophoresis

APS - Ammonium persulfate

TEMED - Tetramethylethylenediamine

RNA – Ribonucleic acid

TBE - Tris/Borate/EDTA

RO - Reverse osmosis

DEPC - Diethylpyrocarbonate

l - Litre

g - Gravity

Na_2HPO_4 - Disodium hydrogen phosphate

WHC – Watre Holding Capacity

W - Weight

V – Volume

ID – Internal diameter

OD – Outer diameter

ANOVA – Analysis of Variance