

ABBREVIATIONS

ANN	Artificial neural networks
ANOVA	Analysis of variance
AOAC	Association of official analytical chemists
APOX	Ascorbate peroxidase
BHC	Benzene hexachloride
BR	Brassinosteroid
CAT	Catalase
CPF	Chlorpyrifos
DAS	Days after sowing
DDT	Dichloro diphenyl trichloroethane
DHAR	Dehydroascorbate peroxidase
DMSO	Dimethyl sulphoxide
DNTP	Deoxyribonucleotide triphosphate
DTNB	5,5-dithiobis-(2-nitrobenzoic acid)
EBR	24-epibrassinolide
EDTA	Ethylene diamine tetra acetate
GC-MS	Gas chromatography-mass spectrometry
GOX	Glyphosate oxidase
GPOX	Glutathione peroxidase
GR	Glutathione reductase
GSH	Glutathione
GST	Glutathione-S-transferase
HBR	28-homobrassinolide
HGSH	Homoglutathione
HPLC	High performance liquid chromatography
HSD	Honestly significant difference
IMI	Imidacloprid
IRGA	Infrared gas analyzer
MAPK	Mitogen-activated protein kinases

MLR	Multiple linear regression
MRP	Multidrug resistance-associated protein
NBT	Nitroblue tetrazolium
NPQ	Non-photochemical quenching
POD	Guaiacol peroxidase
PPB	Potassium phosphate buffer
qRT-PCR	Quantitative real time polymerase chain reaction
ROS	Reactive oxygen species
SEM-EDX	Scanning electron microscope with energy dispersive X-ray spectroscopy
SOD	Superoxide dismutase
TBARS	Thiobarbituric acid reactive substances
TCA	Trichloroacetic acid
TC-FDM	Two-component flavin-diffusible monooxygenase
UGT	UDP-glycosyltransferase
UHPLC	Ultra high performance liquid chromatography