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ABBREVIATIONS AND SYMBOLS

%	=	Percentage	Fig.	=	Figure
*	=	Significantly difference	FW	=	Fresh weight
μmol	=	Micromole	g	=	gram
4-MeGln	=	4-methyleneglutamine	GABA	=	Gamma-aminobutyric acid
Ala	=	Alanine	GAP	=	Good Agricultural Practice
ANOVA	=	Analyses of variance	Glu	=	Glutamic acid
AS	=	Asparagine synthetase	GOGAT	=	Glutamate synthase
Asn	=	Asparagines	GS	=	Glutamine synthetase
Asp	=	Aspartic acid	h	=	hour
ATP	=	Adenosine triphosphate	H ⁺	=	Hydrogen ion
B	=	Boron	H ₂ SO ₄	=	Sulfuric acid
C.	=	Curcuma	ha	=	hectare
Ca	=	Calcium	HCl	=	Hydrochloric acid
CaSO ₄	=	Calcium sulphate	HPLC	=	High performance liquid chromatography
CK	=	Cytokinin	iPMP	=	<i>iso</i> -Pentenyladenosine-5-monophosphate
cm	=	Centimeter	K	=	Potassium
Cu	=	Copper	K ₂ O	=	Potassium oxide
DAP	=	Day after planting	kg	=	Kilogram
DNA	=	Deoxyribonucleic acid	KNO ₃	=	Potassium nitrate
DW	=	Dry weight	L	=	liter
Eq.	=	Equation			
Fe	=	Iron			

LSD	=	Least significant difference	P ₂ O ₅	=	Phosphorus pentoxide
m	=	Meter	PVP	=	Polyvinylpyrrolidone
Mg	=	Magnesium	RH	=	Relative humidity
mg	=	Milligram	rpm	=	Rounds per minute
MgSO ₄	=	Magnesium sulphate	SE	=	Standard error
min	=	Minute	t	=	Tone
ml	=	Milliliter	Thr	=	Threonine
mm	=	Millimeter	WAP	=	Week after planting
mM	=	Millimole	Z	=	<i>trans</i> -zeatin
Mn	=	Manganese	ZMP	=	<i>trans</i> -Zeatin riboside-5-monophosphate
Mo	=	Molybdenum	Zn	=	Zinc
N	=	Nitrogen	ZR	=	<i>trans</i> -zeatin riboside
NaOH	=	Sodium hydroxide			
ng	=	Nanogram			
NH ₄ ⁺	=	Ammonium ion			
NiR	=	Nitrite reductase			
nm	=	Nanometer			
NO ₃ ⁻	=	Nitrate ion			
NR	=	Nitrate reductase			
NRA	=	Nitrate reductase activity			
NS/ns	=	Not significantly difference			
°C	=	Degree Celsius			
P	=	Phosphorus			