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ABBREVIATIONS

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Abbreviations

1. AA : Ascorbic acid
2. AA - FR : Ascorbic acid free radical
3. ABA : Abscisic acid
4. ADP : Adenosine diphosphate.
5. ATP : Adenosine triphosphate.
6. ATPase : Adenosine triphosphatase
7. °C : Degree celsius
8. C<sub>3</sub> : Plants operating calvin path of photosynthesis
9. C<sub>4</sub> : Plants operating Hatch, Slack and Kortschak path of photosynthesis
10. Ca : Calcium
11. CCC : Chlorocholine chloride (2 chloroethyl -trimethyl ammonium chloride)
12. CCCA : Solution of chlorocholine chloride in acetone
13. CCCW : Solution of chlorocholine chloride in water (aqueous solution)
14. Chl : Chlorophylls
15. Cm : Centimeter (s)
16. Co : Cobalt
17. CO<sub>2</sub> : Carbon dioxide
18. <sup>14</sup>CO<sub>2</sub> : Radio active carbon dioxide
19. Cu : Copper
20. Cv : Cultivar(s)

21.	2,4,D	: 2,4, Dichlorophenoxy acetic acid
22.	DNA	: Deoxyribose nucleic acid
23.	DNase	: Deoxyribose nuclease
24.	D.W.	: Distilled water
25.	DTNB	: 5-5'-dithiobis (2 nitro benzoic acid)
26.	Dry wt.	: Dry weight
27.	Fe	: iron
28.	Fig.	: Figure
29.	F.W.	: Fresh weight
30.	g	: gram
31.	$\mu$ g	: micro gram
32.	GA	: Gibberellic acid
33.	h	: hour
34.	H <sup>+</sup>	: Hydrogen ion
35.	ha	: hectare
36.	IAA	: Indole-3-acetic acid
37.	IBA	: Indole-3-butyric acid
38.	ip	: Inorganic phosphate
39.	K	: Potassium
40.	KA	: Solution of kinetin in acetone
41.	KW	: Solution of kinetin in water (aqueous solution)
42.	Kg	: Kilograms
43.	lb	: Pounds
44.	lit	: litre
45.	M	: molar

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46.	Mg	:	Magnesium
47.	mg	:	milligram
48.	MH	:	Maleic hydrazide
49.	min	:	minutes
50.	ml	:	milli liter
51.	mm	:	milli meter
52.	Mo	:	Molybdenum
53.	m-RNA	:	messenger ribose nucleic acid
54.	n	:	nano (prefix, $10^{-9}$ )
55.	Na	:	Sodium
56.	NAA	:	Naphthyl acetic acid
57.	NaCl	:	sodium chloride
58.	$\text{Na}_2\text{CO}_3$	:	Sodium carbonate
59.	$\text{NaHCO}_3$	:	Sodium bicarbonate
60.	NAD	:	Nicotina <sup>amide</sup> , adenine dinucleotide
61.	NADP	:	Nicotina <sup>amide</sup> , adenine dinucleotide phosphate
62.	NEEDA	:	N-1-Naphthyl ethylene diamide hydrochloride
63.	NR	:	Nitrate reductase
64.	$\text{O}_2$	:	oxygen
65.	O.P.	:	Osmotic potential
66.	P	:	Phosphorus
67.	$^{32}\text{P}$	:	Radioactive phosphorus
68.	Pi	:	Inorganic phosphate
69.	PGA	:	Phosphoglycerate.

70.	PEP	:	Phosphoenol pyruvate
71.	ppm	:	parts per million
72.	PEG	:	Polyethylene glycol
73.	RNA	:	Ribose nucleic acid
74.	r-RNA	:	ribosomal ribose nucleic acid
75.	RWC	:	Relative water content
76.	(S)	:	water stressed
77.	SADH	:	Succinic acid 2,2 dimethyl hydrazide
78.	Sec	:	Seconds
79.	SH	:	Sulphydryl groups
80.	SOD	:	Super oxide dismutase
81.	Sp., spp	:	species
82.	TAN	:	Titratable acid number
83.	TCA	:	Trichloro acetic acid
84.	TCA cycle	:	Tricarboxylic acid cycle
85.	Var.	:	variety
86.	Vn	:	Vanadium
87.	W/v	:	Weight per volume
88.	(W)	:	watered
89.	- 1	:	per
90.	%	:	percent
91.	>	:	greater than
92.	AA - MM	:	Ascorbic acid - macromolecule complex
93.	J/mole	:	Joules per molecule
94.	mM	:	milimolar
95.	Mn	:	Manganese
96.	N	:	Nitrogen
97.	RuBP	:	Rubilose bi phosphate
98.	Unt	:	Untreated.