



**Effects of Water and Nitrogen Stresses on Growth,  
Phytochemicals and Antioxidant of *Orthosiphon  
stamineus* Plant**

by

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## LIST OF ABBREVIATIONS

%	Percentage
ANOVA	Analysis of variance
CAE	Caffeic acid equivalent
dw	Dry weight
FC	Field capacity
LWP	Leaf water potential
NPK	Nitrogen: Phosphate: Kalium
N	Nitrogen
TSP	Triple super phosphate
MOP	Muriate of potash
PAL	Phenylalanine amine lyase
TAT	Tyrosine amine transferase
C4H	Cinnamic acid 4-hydroxylase
4CL	Hydrocinnamic acid: CoA ligase
m	metre
m <sup>2</sup>	meter square
ml	mililitre
<i>O. stamineus</i>	<i>Orthosiphon stamineus</i>
0C	Degree of celcius
ppm	part per million
P	Value Probability
r	Coefficient of correlation
ROS	Reactive oxygen species

RP	Reverse phase
RA	Rosmarinic acid
SEN	Sinensetin
TMF	3'hydroxy-5,6,7,4'tetramethoxyflavone
EUP	Eupatorin
T	Temperature
TDR	Time domain reflectrometer
TPC	Total phenolic content
TNC	Total nitrogen content
TCC	Total chlorophyl content
TFC	Total flavonoid content
AC	Antioxidant capacity
UV	Ultraviolet
v/v	volume per volume
vis	visible
W	watt
µg	microgram