

**Agronomic characteristics and nutritional quality of carrot  
(*Daucus carota* L.) cultivars from Myanmar and Germany as  
affected by mineral and organic fertilizers**

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Presented by

Le Le Win

Born in Sagaing, Myanmar

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Referee : Prof. Dr. Elke Pawelzik  
Co-referee : Prof. Dr. Norbert Claassen

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## List of acronyms and abbreviations

μl	microliter
μm	micrometer
μM	micromole
μg	microgram
ANOVA	analysis of variance
AVRDC	Asian Vegetable Research and Development Centre
C:N	carbon nitrogen ratio
Ca	calcium
CAL	calcium-acetate-lactate extracting solution
CM	compost manure
CM-L1	Compost at N 60 kg ha <sup>-1</sup>
CM-L2	Compost at N 120 kg ha <sup>-1</sup>
CM-L3	Compost at N 180 kg ha <sup>-1</sup>
Cu	copper
cv	cultivar
cvs.	cultivars
DIP	2,6-di-chlorphenolindophenol
Fe	iron
FM	farmyard manure
FM-L1	FYM at N 60 kg ha <sup>-1</sup>
FM-L2	FYM at N 120 kg ha <sup>-1</sup>
FM-L3	FYM at N 180 kg ha <sup>-1</sup>
FRAP	Ferric Reducing Antioxidant Power
FW	Fresh weight
g	gram
H <sub>2</sub> O <sub>2</sub>	hydrogen peroxide
ha	hectare
HNO <sub>3</sub>	nitric acid
HPLC	high performance liquid chromatography

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IPGRI	International Plant Genetic Resources Institute
ISTA	International Seed Testing Association
K	potassium
KCl	potassium chloride
kg	kilogram
KH <sub>2</sub> PO <sub>4</sub>	potassium dihydrogen phosphate
MAS	Myanmar Agriculture Service
MF	mineral fertilizer
MF-L1	mineral fertilization with N 60 kg ha <sup>-1</sup>
MF-L2	mineral fertilization with N 120 kg ha <sup>-1</sup>
MF-L3	mineral fertilization with N 180 kg ha <sup>-1</sup>
Mg	magnesium
mg	milligram
ml	milliliter
mm	milimeter
mM	milimole
Mn	manganese
N	nitrogen
NH <sub>4</sub> NO <sub>3</sub>	ammonium nitrate
°C	degree Celsius
P	phosphorous
PCARRD	Philippine council for agriculture, forestry and natural resources research and development
RAE	retinol activity equivalents
RDA	recommended dietary allowance
rpm	revolutions per minute
SD	standard deviation
SE	standard error
t	tonne
TSS	total soluble solids
USDA	United States Department of Agriculture
Zn	zinc