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LIST OF ABBREVIATIONS

Av. P	=	Available P
AWHC	=	Available water holding capacity
DAH	=	Day after harvest
DR	=	Drainage
Dr	=	Root depth
EC	=	Electric conductivity
Epan	=	Class A Pan Evapotranspiration
ET	=	Evapotranspiration
Etc	=	Crop evapotranspiration
ETo	=	Amount of water consumed by standard or reference crop
Etp	=	Potential evapotranspiration
Ex. K	=	Exchangeable K
FC	=	Field capacity
FNUE	=	Fertilizer nutrient use efficiency
FRC	=	1st ratoon cane
GA	=	Ground area
I	=	Irrigation
IWUE	=	Irrigation water use efficiency
Kc	=	Crop coefficient
Kp	=	Class A Pan coefficient
LA	=	Leaf area
LAI	=	Leaf area index
LS	=	Loamy sand soil
MAP	=	Month after planting
MAH	=	Month after harvesting
NB	=	Nutrient balance model
NMC	=	Number of millable cane

LIST OF ABBREVIATIONS (Continued)

NS	=	Nutrient supply
NR	=	Nutrient required for the target yield
NUE	=	Nutrient use efficiency for soil uptake
OM	=	Organic matter
PC	=	Plant cane
P	=	Precipitation
PWP	=	Permanent wilting point
RA	=	Ratooning ability
Re	=	Effective rainfall
RL	=	Root length
RLD	=	Root length density
RO	=	Surface runoff
RWC	=	Relative water content
SAN	=	Soil available nutrient
SCL	=	Sandy clay loam soil
SDI	=	Surface drip irrigation
SM	=	Minimum amount of soil nutrient
SMCp	=	The predicted soil moisture content
SCMR	=	SPAD chlorophyll meter reading
SV	=	Soil volume
TVD	=	Top visible dewlap
WUE	=	Water use efficiency