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ASEAN	Association of South East Asian Nations
BC	Black carbon
C	Carbon
CO	Carbon dioxide
CO ₂	Carbon dioxide
CH ₄	Methane
COP ₃	Third Conference of the Parties to the UNFCCC
CO _{2eq}	Carbon dioxide equivalent
CCS	Commercial Cane Sugar
DAP	Day after planting
GC	Gas chromatography
GHG	Greenhouse gases
IPCC	Intergovernmental Panel on Climate Change
LAI	Leaf area index
N	Nitrogen
N ₂ O	Nitrous oxide
NO _x	Nitrogen oxide
OC	Organic carbon
PM	Particulate matter
ppmv	Part per million on a volume basis
RPR	Residue to product ratio
R _r /R _t	Contribution of root respiration to total soil respiration
UNFCC	United Nation Framework Convention on Climate Change
USDA	United States Department of Agriculture
VOC _s	Volatile organic carbon