



# “Diya Withara”

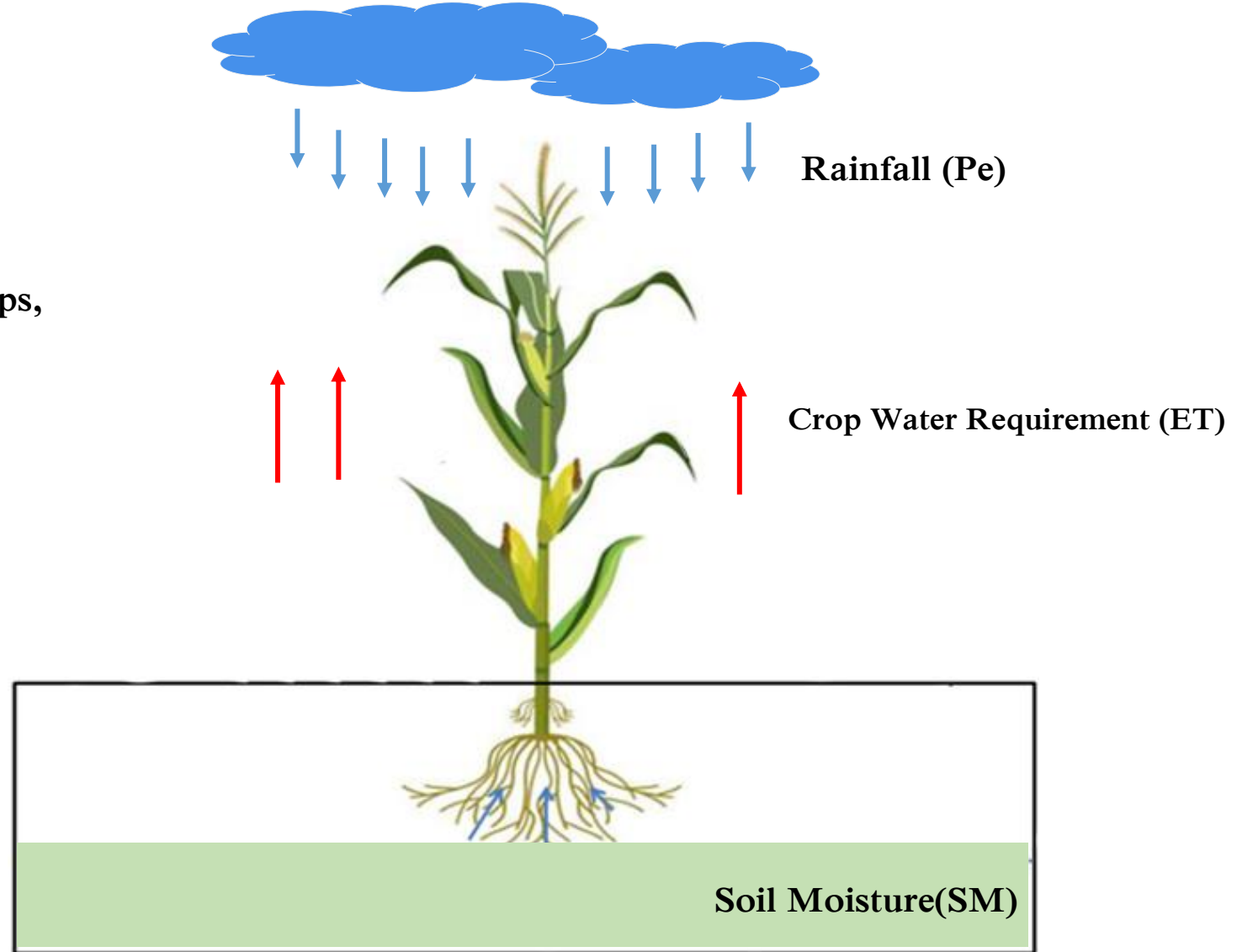
## “Water Balance for Agricultural Crops”

Actual Water requirement for crops,

Without Rainfall =  $ET - SM$

With Rainfall =  $ET - SM - Pe$

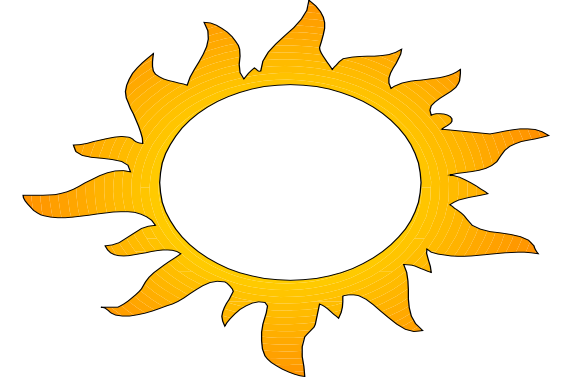
( $Pe$  – Effective Rainfall)



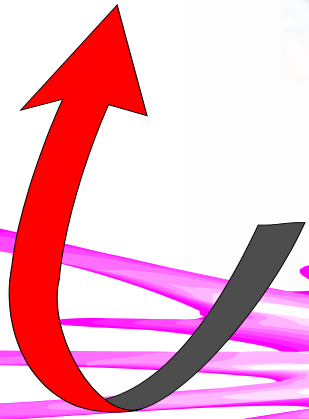
# *"Diya Withara"*

## Crop Water Requirement

Transpiration



Evaporation

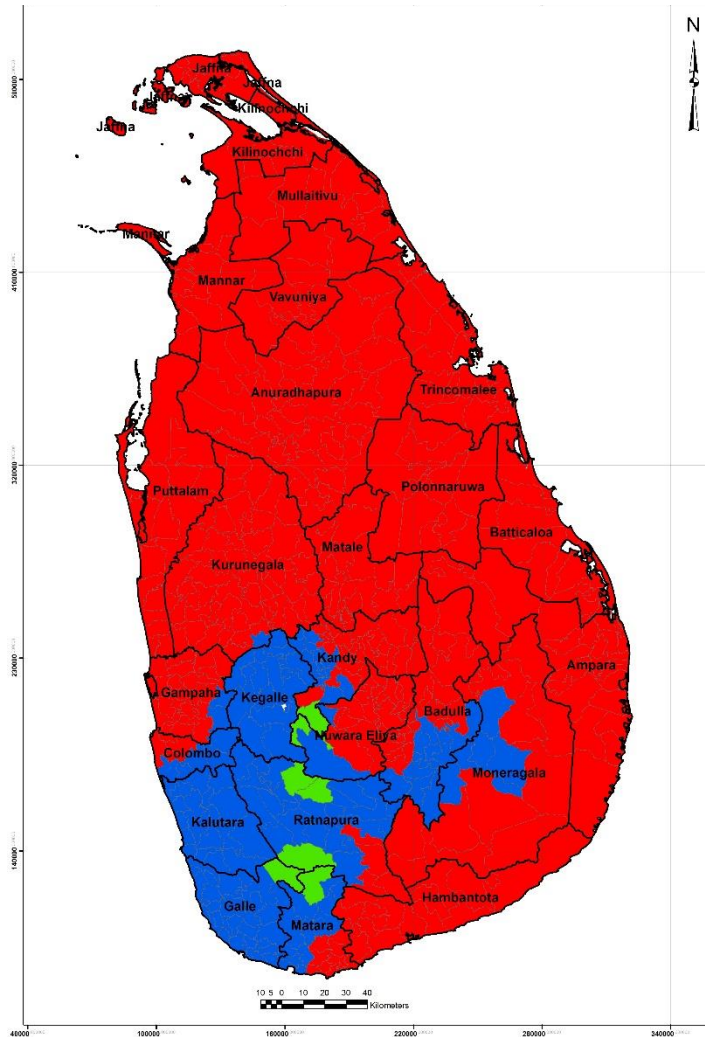


$$\text{Crop Water Requirement(ET)} = \text{Evaporation} + \text{Transpiration}$$

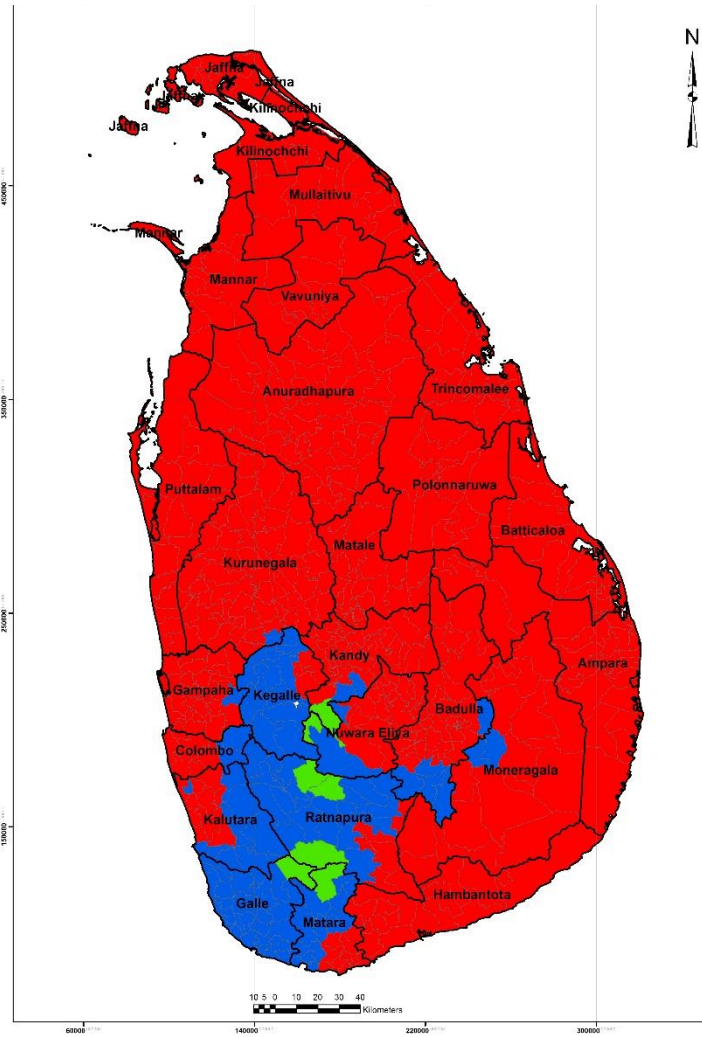
# “Diya Withara”

“Awareness program for farmers and officials on how climate changes affects agriculture”  
- March 2022 -

Expected Water Balance for Upland Crops in March



Expected Water Balance for Paddy in March



Red	Deficiency
Blue	Normal
Green	Excess