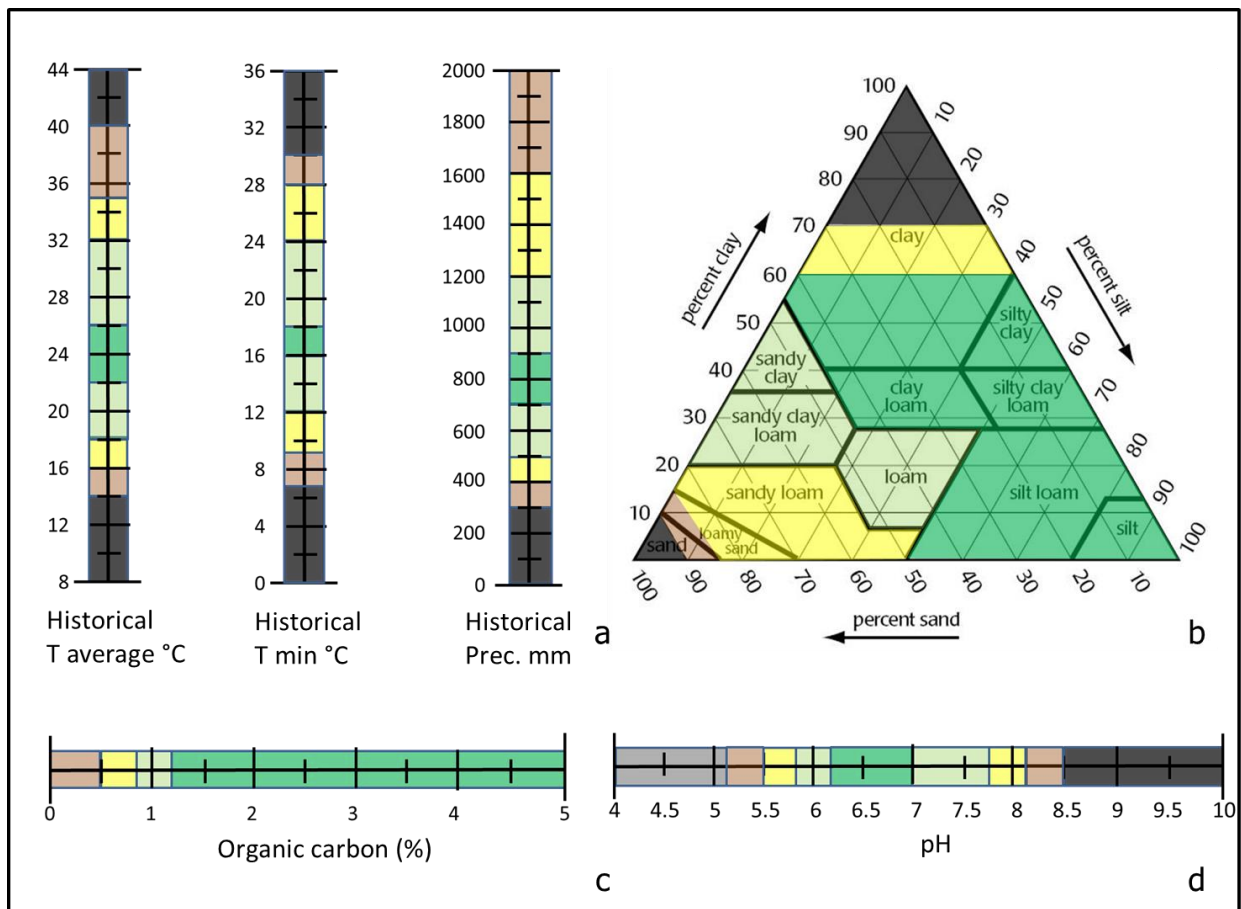# Diagrams for site representativeness visualisation in maize
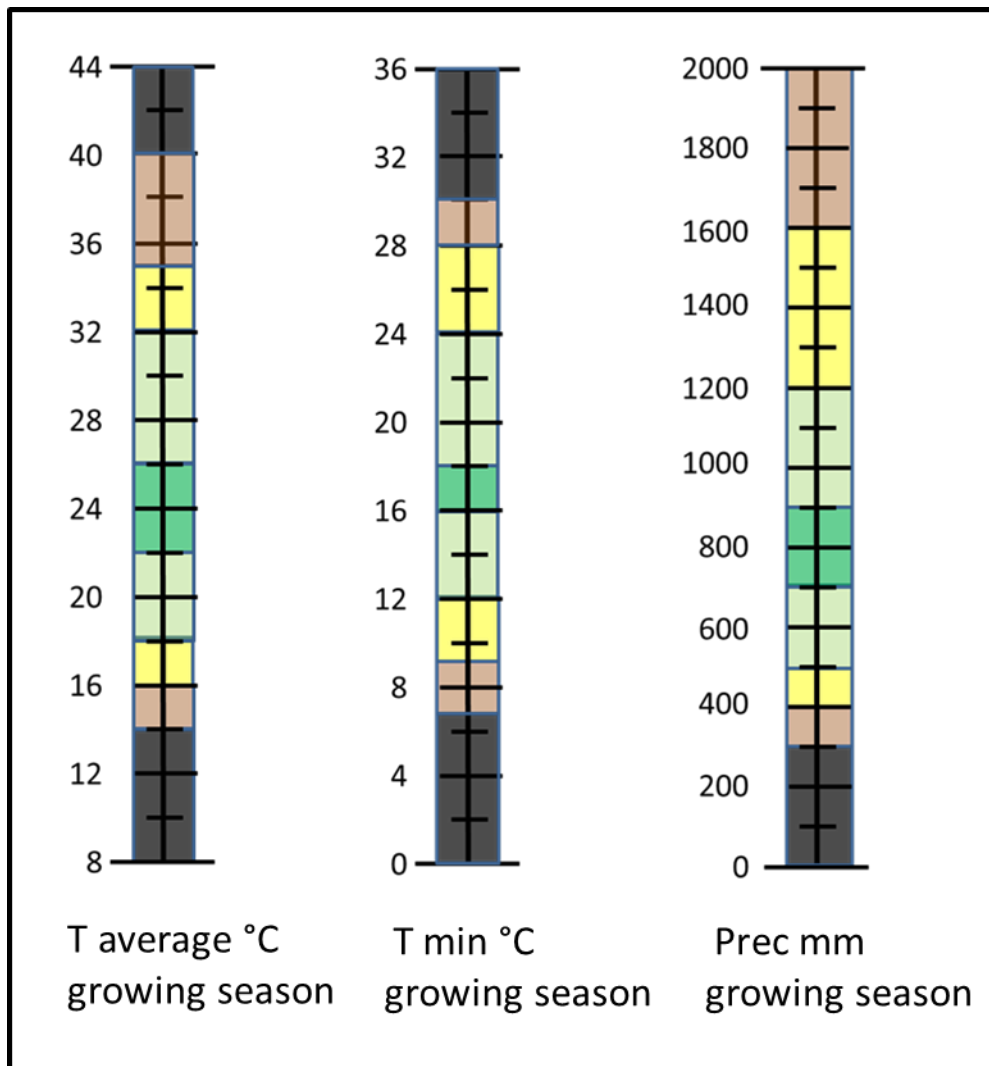

The figure contains the background diagrams for plotting the specific pedoclimatic characteristics at the different sites in relation to: (a) historical[1] meteorological conditions during the typical crop growing cycle (from planting to harvest) (b) soil textures (c) and (d) main soil characteristics[2]. The dark green, light green, yellow, brown, grey and black shaded areas represent the optimal, near optimal, suboptimal, marginal, not suitable conditions but susceptible to correction and not suitable conditions[3] respectively.

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[1] Historical meteorological conditions are intended as average temperatures and average cumulated precipitations over at least 20/30 years, calculated during a typical crop growing season (from planting to harvest) of the sites where the field trials were conducted.

[2] Organic carbon percentage is intended as weighted average of the topsoil (0-25cm).

[3] Optimal, near optimal, suboptimal, marginal, not suitable conditions but susceptible to correction and not suitable conditions are crop specific and based on the land suitability approach as developed by Sys et al. 1993 (Land evaluation part III crop requirements). They correspond respectively to S1 subcat. 0, S1 subcat. 1, S2, S3, N1 and N2 classes developed following different degree of limitations and rating scales.

This figure contains the background diagrams for plotting the mean of daily maximum and average temperatures and cumulated precipitations during the crop growing season (from planting to harvest) of the year(s) at different sites and when the field trials were conducted. The dark green, light green, yellow, brown and black shaded areas represent respectively the optimal, near optimal, suboptimal, marginal and not suitable conditions[3].