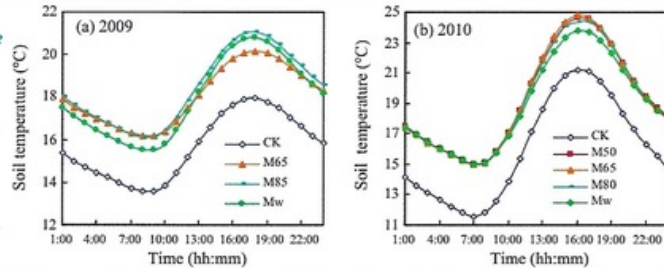




Exhibit 2:

Diurnal changes in average soil temperature during emergence (from 3 to 20 May) at 10 cm at depth in mulched and non-mulched plots in 2009 and 2010 in Dingxi, China

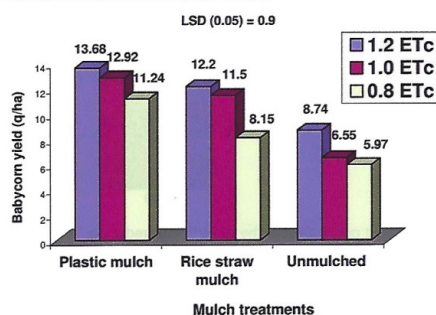


Advantages of soil mulching in agriculture (part 1)

Mulching is a well-established practice in annual and perennial crops, aiming to form a physical barrier between the soil and the atmosphere, allowing water evaporation reduction, increasing water content in the soil, reducing weed pressure, maintaining high soil temperatures and generally inducing better growing condition for plants and enhanced yield compared to no-mulching.

LER MAIS

Exhibit 4: Showing interaction effect of mulch and irrigation schedules on baby corn yield (mean of two years).



Advantages of soil mulching in agriculture (part 2)

In most cases, RO and D can be negligible, when drip irrigation is used. The ETC, then, is the primary factor to extract water from the soil by plant transpiration which is beneficial, and soil water evaporation which is pure loss of water.

LER MAIS



[Remover](#) [Editar inscrição](#)

Quinta das Pratas Avenida 25 de Abril

2070-158 Cartaxo

Lisboa

