

Supplementary Table 2. Farming practices carried out on maize trials in 2009, 2010 and 2011 in Zaragoza (Spain)

Farming operations	2009	2010	2011
First fertilization (8N-15P-15K + 46% urea)	April, 26	April, 30	May, 2
Rototilling	April,28	May,4	May,3
Sowing	April,30	May,7	May,5
Second fertilization (NO ₃ ⁻ ,26% N ⁺)	June,7	June,25	June,22
Irrigations (number)	7	7	7
Irrigations (period)	June, 1-Aug, 28	June, 5-Aug, 29	June, 3-Aug, 24