

Supplementary Material:
Table S1. Summary of the crop management activities up to harvesting of the maize.

Activities/Years	Land preparation	Seed sowing	Earthing-up	Irrigation	Pests management	Harvesting
2009–2010	As per treatments. The plots were treated by spraying Round-up herbicide.	27/12/ 2009	30 DAS	5 (Five) irrigations were done at 1, 20, 30, 63 and 88 DAS	Malathion60 EC (1 cc. in 1 liter water) was sprayed on the infested plants for leaf roller and leaf hopper insects, 10% Sevin dust at 10 kg/ha in the form of ring for cutworm.	29 May 2010
2010–2011	Same as above. The plots were treated by spraying Refit50EC herbicide.	25/12/ 2010	30 DAS	5 (five) irrigations were done at 1, 20,30, 65 and 85 DAS	Only Malathion 60 EC (1 cc. in 1 liter water) and on the infested plants was sprayed for leaf roller and leaf hopper insects	27 May 2011
2011–2012	Same as above. The plots were treated by spraying Refit50EC herbicide.	27/12/2011	30 DAS	5 (five) irrigations were done at 1, 19,30, 65and 84 DAS	Malathion60 EC (1 cc. in 1 liter water) was sprayed on the infested plants for leaf roller and leaf hopper insects, 10% Sevin dust at 10 kg/ha in the form of ring for cutworm.	26 May 2012