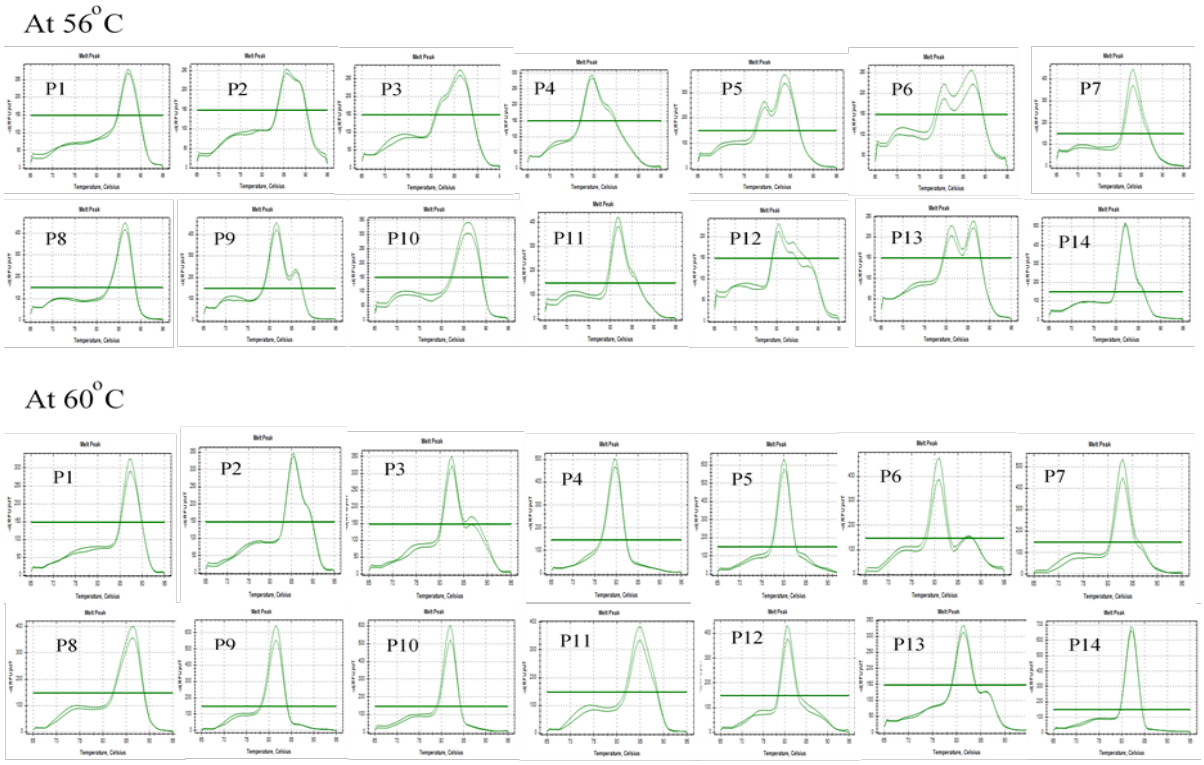

Fig. S1 Melting curves of the genomic DNA extracted from *S. hermonthica* seeds mixed into Dutch agricultural soil. qPCR analysis was performed with 14 different primer sets at two different annealing temperatures (see Figure 1 for details on the primer sets tested).

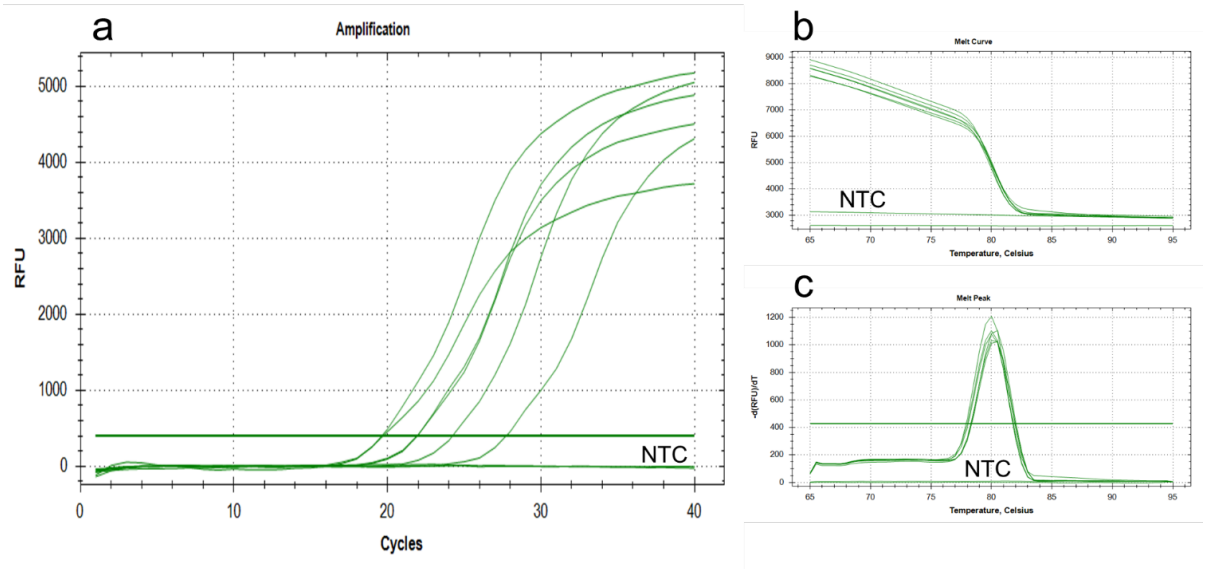

Fig. S2 qPCR detection of *Striga* seeds. (**a**) Detection of five *S. hermonthica* biotypes and one *S. asiatica* biotype collected from different regions of Ethiopia by qPCR. (**b**) Melt curve and (**c**) Melt peak associated with the detection of the samples by qPCR. The single peak corresponds to specific amplification of the target gene. NTC represents non-templet control.