**Supplementary Fig. 2** Distribution of a) 252 Wild-1 and b) 253 Wild-2 BC$_2$F$_{2,3}$ progeny lines for days to heading (DH), plant height (PH) and plant type (PT) in the field during summer 2008 (BC$_2$F$_2$ progeny) and summer 2009 (BC$_2$F$_3$ progeny). Both *O. nivara* parents are photoperiod sensitive and weedy, thus were not grown in the field. Data from greenhouse grown plants showed days to heading and plant height varied depending on the planting date. The plant type was “5” for both *O. nivara* parents regardless of planting date.