Supplementary material

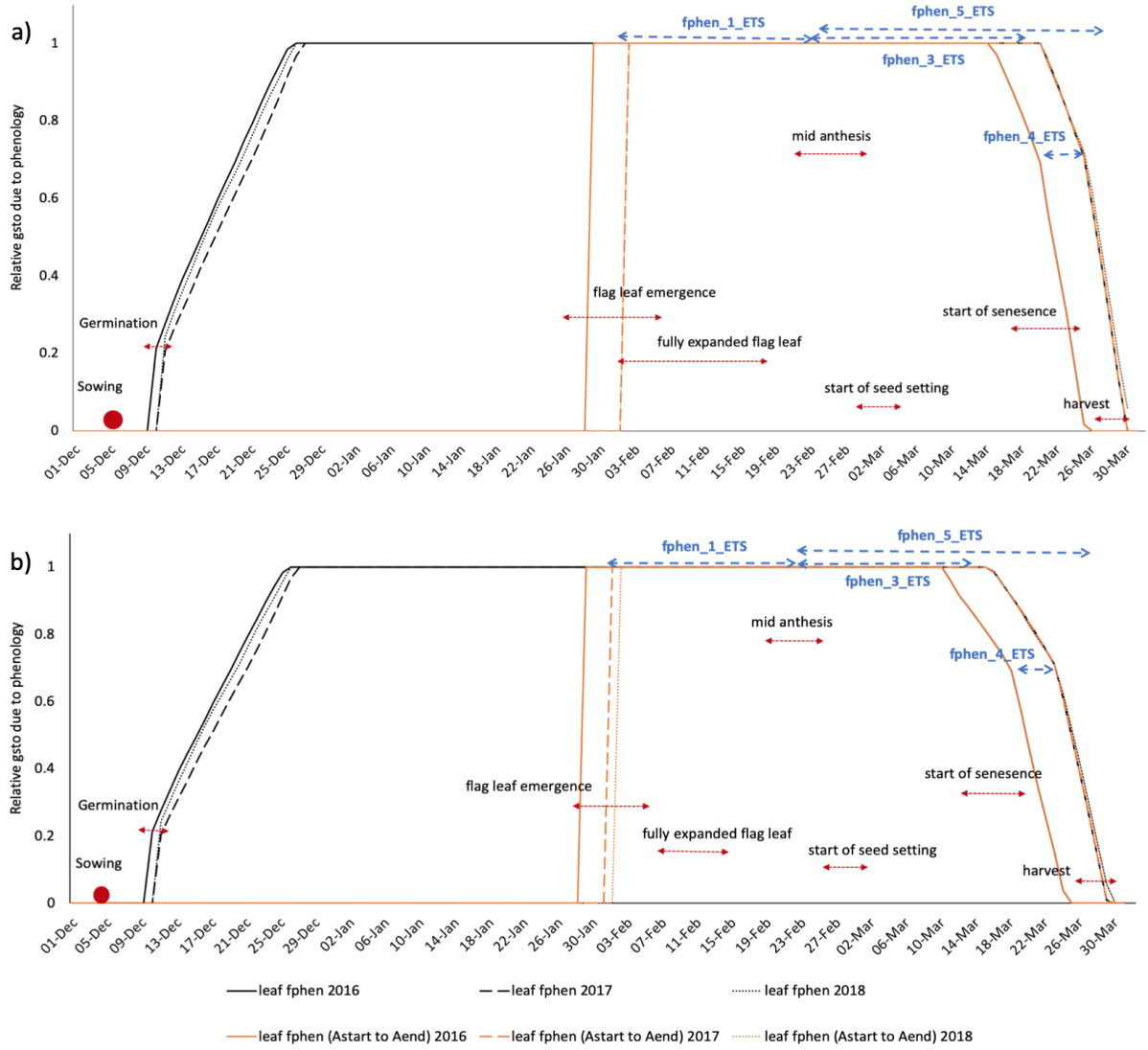

Fig. S1. The ETS model parameterised for HUW-234 (a) and HD-3118 (b). The time range for phenological stages observed for years 2016-18 from the experimental data are represented by red arrows; sowing, germination, flag leaf emergence, fully expanded flag leaf, start of seed setting, start of senescence and harvest. Blue arrows and labels illustrate $f_{phen\_1\text{-}5\_ETS}$ for each cultivar.

Table S1. Relative yield loss (%) under elevated ozone compared to ambient ozone based on absolute grain yields obtained for HUW-234 and HD-3118 under experimental conditions in Varanasi from 2016-18. (Agrawal, Pers. Comm.)

Ambient ozone (NF): non-filtered ozone treatment (average 51.4 ppb); elevated ozone (NF+): ambient ozone + 20ppb between 10:00-15:00 (equal to on average 65.9 ppb).

Cultivar	Mean grain yield under NF ±SD (g m-2)	Mean grain yield under NF+ ±SD (g m-2)	RYL obtained for NF+ compared to NF (%)
HUW-234	533.4 ±159.1	420.4±130.6	**21.2**
HD-3118	432.8±104.8	332.3±63.1	**23.2**