

Figure 1. Image depicts the spatial variability of simulated days to emergence for selected start dates. The dates represent the species-specific maximum and minimum spatial variability for all start dates from April 15 to June 1 during the 2010 season. Emergence was simulated using Equation 1, the parameters presented in Table 1, and air temperatures interpolated on a 4km² grid for areas under rice cultivation in the Sacramento Valley (193 total locations). The sites where development and validation of the emergence models occurred are also depicted.