



**Figure 2.** Mustard cover crop effects on (A) persistence and (B) germination of Palmer amaranth seeds at three sites in southern New Mexico. Seeds in mesh bags were buried in soil with and without mustard cover crop residues. Seeds were retrieved just prior to chile pepper seeding. Bars are means with standard errors ( $N=18$ ). Symbols above data points indicate results from F-tests obtained with generalized linear mixed models fitted with binomial distributions, with \*  $P < 0.05$ , \*\*  $P < 0.01$ , and \*\*\*  $P < 0.001$ .