

**Supplemental Figure 1.** (A) Methiozolin dose response of annual bluegrass seedling root length grown on methiozolin at 0, 10, 25, 37.5, 75, 100 nM. The plants are representative samples from each rate tested at 7 DAT. (B) Complementation of mesotrione at 20  $\mu$ M with 10  $\mu$ M of homogentisate. Top left is mesotrione alone at 20  $\mu$ M. Top right is mesotrione + homogentisate. Bottom is the untreated control. Plates are from one replication at 14 DAT.

