

## **Pindar™ and Pindar GT™: new broad spectrum herbicides for tree nut crops**

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Pindar™ (penoxsulam) and Pindar GT™ (penoxsulam plus oxyfluorfen) are new herbicide products for use in tree nut crops. Penoxsulam is an ALS inhibitor in the triazolopyrimidine sulfonamide chemical class. Oxyfluorfen is a widely used PPO inhibitor in the diphenylether class of chemistry. The combination of these two modes of action results in a product which provides long lasting pre and post emergence control of a broad range of economically important species in tree nuts, including horseweed (*Conyza canadensis*), hairy fleabane (*Conyza bonariensis*), cheeseweed (*Malva* spp), redstem filaree (*Erodium cicutarium*), shepherd's purse (*Capsella bursa-pastoris*), coast fiddleneck (*Amsinckia intermedia*), common chickweed (*Stellaria media*), London rocket (*Sisymbrium irio*), sowthistle (*Sonchus* spp), white clover (*Trifolium repens*) and others. Applied during the winter dormant season for control of winter annual broadleaf weeds, Pindar and Pindar GT can provide up to six months control of key weed species.

Four years of extensive field testing has shown that Pindar and Pindar GT are safe to the crops when used according to label recommendations. These trials tested rates up to four times the top label rate, with sequential applications for three consecutive years. All aspects of tree growth, vigor and yield were evaluated. Pindar and Pindar GT are safe to bearing and non-bearing tree crops when used according to label recommendations

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