

Provided herein are herbicidal compositions comprising a mixture comprising (a) the choline salt of 2,4-di-chlorophenoxyacetic acid (2,4-D-choline), (b) a salt of N-(phosphonomethyl)glycine (glyphosate), and (c) a salt of 2-amino-4-(hydroxymethylphosphinyl)-butanoic acid (glufosinate). The compositions provide synergistic weed control of undesirable vegetation and improved crop tolerance in 2,4-D-, glyphosate-and glufosinate-tolerant soybeans, corn, or cotton. The compositions also provide synergistic weed control of undesirable vegetation in areas including, but not limited to, non-crop, perennial crop, fruiting crop, and plantation crop areas.