

The present invention relates to a synergistic herbicidal composition comprising; (A) mesotrione, and: (B) a second herbicide selected from; (B1) triazines, (B2) triazolinones, (B3) triazinones, (B4) imidazolinones, (B5) dicamba, (B6) flumetsulam, (B7) trifloxysulfuron, (B8) tritosulfuron, (B9) triasulfuron, (B10) pyriftalid, (B11) prosulfocarb, (B13) cinosulfuron, or their herbicidally effective salts. A method of controlling the growth of undesirable vegetation, particularly in crops, using this synergistic composition is also disclosed.