

Table of resistant weed species in South Africa (work-in progress and table to be updated)

Weed Species	Resistant to:	Infested crops	Comments
<i>Avena fatua</i>	ACCase/ALS	Wheat, canola, barley, lupins	Western Cape (mediterranean area) rain-fed and Northern Cape irrigated areas
<i>Bromus diandrus</i>	ACCase/ALS	Wheat, canola, barley, lupins pastures	Western Cape (mediterranean area) rain-fed
<i>Lolium rigidum</i>	ACCase/ALS	Wheat, canola, barley, lupins, pastures,	Western Cape (mediterranean area) rain-fed and irrigated in case of vineyards & fruit and Northern Cape irrigated areas. Also minor problems in other crops (eg onions) where seed was "imported" by means of cover crop seed (from infested areas
		Vineyards, fruit	
<i>L. rigidum</i>	Glyphosate	Wheat, canola, lupins, pastures,	Western Cape (mediterranean area) rain-fed and irrigated in case of vineyards & fruit

		Vineyards, fruit	
<i>L. rigidum</i>	Paraquat	pastures, vineyards, fruit	Western Cape (mediterranean area) rain-fed and irrigated in case of vineyards & fruit
<i>L. rigidum</i>	ACCCase/Paraquat /Glyphosate	vineyards, fruit	Western Cape (mediterranean area) irrigated areas
<i>Phalaris minor</i>	ACCCase/ALS	Wheat, canola. lupins	Western Cape (mediterranean area) rain-fed
<i>Stellaria media</i>	ALS	Wheat, barley, canola	Western Cape (mediterranean area) rain-fed
<i>Conyza bonariensis</i>	Paraquat	Vineyards, fruit	Western Cape (mediterranean area) irrigated areas
<i>C. bonariensis</i>	Glyphosate	Vineyards, fruit, cereals (before planting)	Western Cape (mediterranean area) irrigated areas
<i>Amaranthus hybridus</i>	PSII	Maize, soybean, sunflower	Summer rainfall areas rainfed and irrigated
<i>Plantago lanceolata</i>	Glyphosate,	<u>Vineyards/</u>	<u>Western Cape</u>

	Paraquat	<u>Fruit</u>	<u>(mediterranean area)</u> <u>irrigated areas</u>
<i>Raphanus raphanistrum</i>	ALS	<u>Wheat,</u> <u>canola,</u> <u>lupins,</u> <u>vineyards</u>	<u>Western Cape</u> <u>(mediterranean area)</u> <u>rain-fed</u>
<i>Oncosiphon suffruticosum</i>	ALS	<u>Wheat,</u> <u>canola,</u> <u>lupins</u>	<u>Western Cape</u> <u>(mediterranean area)</u> <u>rain-fed</u>
<i>Cotula spp. (Ctenia?)</i>	ALS	<u>Pastures</u>	<u>Western Cape</u> <u>(mediterranean area)</u> <u>rain-fed</u>
<i>Emex australis</i>	ALS	<u>Wheat,</u> <u>canola,</u> <u>lupins</u> <u>pastures</u>	<u>Western Cape</u> <u>(mediterranean area)</u> <u>rain-fed</u>
<i>Fumaria</i>	ALS	<u>Wheat</u>	<u>Southern Cape</u>
<i>Capsella bursa-pastoris</i>	Hormones	<u>Wheat,</u> <u>barey,</u> <u>onions</u>	<u>Northern cape</u>