

Safflower Weeds Management

Herbicides used and their application rate per hectare		Pre-planting	Pre-emergence		Post-emergence			Integrated weeds management
		<i>Terflan</i> (<i>T rifluralin</i>) () ۲-۲,۵ litre	<i>Sencor</i> * (<i>Metri buzin</i>) ۷۵۰ gram	<i>Stomp</i> (<i>Pendi methalin</i>) ۳-۴,۵ litre	<i>Gallant</i> (<i>Haloxifop etoxyethyl</i>) ۲-۲,۵ litre	<i>Gallant super</i> (<i>Haloxifop-R methyl ester</i>) ۰,۷۵-۱ litre	<i>Focus</i> (<i>Cycloxydim</i>) ۲ litre	
Broad-leaf	Licorice (<i>Glycyrrhiza glabra</i>)	Effective	Ineffective	Effective	Ineffective	Ineffective	Ineffective	-Use of healthy and certified seed with no weeds seed -Timely cultivation -Proper sowing depth -Proper sowing density -Rotation with cereals and weed control (especially Asteraceae family) in the rotated crop. -Wet planting (irrigation of the ground before cultivation and control of weeds). -Use of cultivator in row cropping. -Timely use of post-emergence herbicides at ۲-۳ leaves stage of the weeds). -To prevent resistance to herbicides, it is better to change the type of herbicides used at different times. *-Sencore can be used alone or mixed with other herbicides before planting.
	Camelthorn (<i>Alhagi camelorum</i>)	Partially effective	Ineffective	Ineffective	Ineffective	Ineffective	Ineffective	
	Shepherd's purse (<i>Capsella bursa-pastoris</i>)	Ineffective	Partially effective	Partially effective	Ineffective	Ineffective	Ineffective	
	Prostrate knotweed (<i>Polygonum aviculare</i>)	Partially effective	Partially effective	Partially effective	Ineffective	Ineffective	Ineffective	
	Flixweed (<i>Descurania Sophia</i>)	Ineffective	Partially effective	Partially effective	Ineffective	Ineffective	Ineffective	
	Sweet clover (<i>Melilotus officinalis</i>)	Partially effective	Effective	Partially effective	Ineffective	Ineffective	Ineffective	
	Mallow (<i>Malva spp</i>)	Partially effective	Effective	Partially effective	Ineffective	Ineffective	Ineffective	
	Rough corn bedstraw (<i>Galium tricornutum</i>)	Partially effective	Partially effective	Partially effective	Ineffective	Ineffective	Ineffective	
	Common fumitory (<i>Fumaria officinalis</i>)	Partially effective	Partially effective	Partially effective	Ineffective	Ineffective	Ineffective	
	Milk thistle (<i>Silybum marianum</i>)	Ineffective	Effective	Partially effective	Ineffective	Ineffective	Ineffective	
Narrow-leaf	Wild oat (<i>Avena fatua</i>)	Partially effective	Partially effective	Effective	Partially effective	Partially effective	Partially effective	
	Canary grass (<i>Phalaris minor</i>)	Partially effective	Partially effective	Partially effective	Partially effective	Partially effective	Partially effective	
	Black grass (<i>Alopecurus myosyroides</i>)	Partially effective	Effective	Partially effective	Partially effective	Partially effective	Partially effective	
	Green foxtail (<i>Setaria viridis</i>)	Partially effective	Partially effective	Partially effective	Partially effective	Partially effective	Partially effective	
Effective		partially effective		ineffective		Unknown		
								