

Annex A5.3: Most important pests on OSR - control strategies and bottlenecks

Latin name	Key pest	Secondary pest	No problem	Control practice currently used when problem	IPM alternatives	Bottlenecks
<i>Delia radicum</i>	DK/DE/SE/UK	CH		insecticides, until recently seed treatment	cultural practices, DSS	DSS: species determination difficult, some regions with high competitiveness of OSR high losses without chemical control
<i>Pylletreta spp.</i>	SE/LV	DK/IT/GE/UK	CH	insecticides, until recently seed treatment	avoid proximity to Brassica	not possible to avoid proximity to Brassica in arable areas; some regions with high competitiveness of OSR, high losses without chemical control
<i>Psylliodes crysocephala</i>	CH/LV/UK/GE	DK/SE		insecticides, until recently seed treatment	avoid proximity to Brassica, yellow traps, vegetable oils, silicate rock dust	yellow traps don't work; vegetable oils are not effective; not possible to avoid Brassica in arable areas; some regions with high competitiveness of OSR, high losses without chemical control; pyrethroid resistance
<i>Ceutorhynchus pallidactylus</i>	DK/CH	UK/GE	SE/LV	insecticides	cultural practices, DSS	visual control of oviposition holes are difficult and labour intensive
<i>Ceutorhynchus napi</i>	CH/IT		DK/UK/DE	insecticides	cultural practices, DSS, resistance	visual control of oviposition holes are difficult and labour intensive; more information needed about resistance; in some regions high losses without chemical control
<i>Ceutorhynchus assimilis</i>			UK/IT	insecticides	cultural practices	insecticides used for other targets may give some control
<i>Dasineura brassica</i>		GE	UK/CH	insecticides	cultural practices	usually side effects of other treatments are sufficient; in regions with high competitiveness of OSR high losses without chemical control
<i>Meligethes aeneus (renamed Brassicogethes)</i>	IT/GE/CH/UK			insecticides	density of rape production, trap crops, DSS, early flowering varieties, silica rock dust	trap crops usually not reliable; DSS: thresholds not linked to yield; silicate rock dust less efficient and more expensive; insecticide resistant beetles; early flowering varieties not reliable and yields may be compromised by late frost
slugs and snails	UK	CH/GE		snail baits, molluscides, methaldehyde, ferric phosphate	cultural practices, biocontrol	biocontrol too expensive and efficacy data lacking in arable situation; ferric phosphate more expensive than metaldehyde, slug problem becoming worse, applications limited; no good thresholds
wild life damage	UK	GE	CH	avoidance of risky areas, pigeon shooting	repellant seed treatment	problem in large fields; pigeon pressure can be very high, shooting cannot cope; nets, fences, shooting, etc. too expensive; repellant seed treatment not available