



## History of olives

- Industry produces both table olives and olive oil (more oil than table olives)
- Long term crop – first harvest year 4-6 and full production year 7-9
- Mostly for local market but exports are increasing
- 8.1 mil L of oil imported in 2016;  
2.2 mil L oil produced locally in 2016
- Western Cape Dept of Agric flyover estimates 5468ha (started at 1353ha in 2008)
- Mostly small producers (less than 5ha) but using modern machinery
- 95% located in the Western Cape; also some Free State, Eastern Cape and Gauteng



## List of active ingredients currently registered:

Active ingredient	Target organism
azinphos-methyl	Leaf eating beetles, Scale
Bacillus thuringiensis	False codling moth
Beauveria bassiana	False codling moth
Bollworm nucleopolyhedrovirus	Bollworm –African bollworm
canola oil	Aphids, Mites -Red spider mite, Whitefly
demeton-S-methyl	Lace bug
garlic juice extract	Aphids, Mites -Red spider mite, Whitefly
Helicoverpa armigera nucleopolyhedrovirus	Bollworm – African bollworm
mercaptotion	Fruit fly – African invasive fruit fly
methyl eugenol	Fruit fly – African invasive fruit fly , Asian fruit fly
piperonyl butoxide	Aphids
pyrethrin extract	Aphids
spinosad	Asian fruit fly, Marula fruit fly, Med fruit fly, Natal fruit fly, African invasive fruit fly Olive fly
spinetoram	Bollworm, Olive beetle, Thrips

Active	Target
glyphosate	Weeds - Annual weeds, Weeds – Perennial weeds Weeds – Grass weeds Weeds – Broadleaf weeds Weeds - Noxious, Weeds - Nutsedges, Weeds – Yellow nutsedge
carfentrazone-ethyl	Weeds –Broadleaf weeds
mancozeb	Downy mildew Anthracnose
captab	Leafspot
copper oxychloride	Anthracnose, Leaf spot
cuprous oxide	Anthracnose, Leaf spot
furfural	Nematodes, Soil fungi

# Critical gap in relation to pests/diseases/weeds

## Insecticides:

- Olive fly control still lacks (only have 1 registered chemical)
- Olive seed wasp (nothing registered; critical pest)
- Scale is a gap (only have 1 chemical; critical pest)
- False codling moth also (nothing registered; risk to other export crops)

## Fungicides:

- Alternatives for anthracnose and grey mould control lacks (only have 3 fungicides)
- Soil fungi control lacks (only have furfural, nothing specific for *Phytophthora*)

## Herbicides:

- Annual grasses
- Broadleaf weeds

# Proposed solutions from industry perspective

- Ongoing negotiations with companies
  - Spinetoram – add FCM to label
  - Sulfoxaflor (isoclast) – sap-feeding insects (scale)
  - Pyriproxyfen - scale