

# Control of fall armyworm

## Background

Fall armyworm (*Spodoptera frugiperda*) (FAW) has recently been discovered in Australia. In early 2020 it was found in the northern Torres Strait Islands and subsequently at a number of locations as far south as Bundaberg in Queensland and Carnarvon in Western Australia. In late March 2020 it was confirmed in the Northern Territory (NT) and has been found in Darwin, Douglas Daly and Katherine regions. For more information go to the [NT Government website](https://nt.gov.au/armyworm)<sup>1</sup>.

This factsheet gives details of the current (May 2020) Minor Use Permits issued by the Australian Pesticides and Veterinary Medicines Authority (APVMA) for fall armyworm control in Australia. The actual permits, plus new ones as they are issued, can be found on the [APVMA website](https://apvma.gov.au/)<sup>2</sup>. It is important the rates and application methods specified in the permits are followed.

## Available chemicals for FAW control

Permit No.	Active constituent	Product	Crops
PER89279	Alpha-cypermethrin	ACCENSI ALPHA-CYPERMETHRIN 100 INSECTICIDE*	Maize, sorghum and sweetcorn
PER88638	Alpha-cypermethrin	ACCENSI ALPHA-CYPERMETHRIN 100 INSECTICIDE*	Maize and sorghum
PER88638	Alpha-cypermethrin	ACCENSI ALPHA-CYPERMETHRIN 100 INSECTICIDE*	Pulse crops, as listed on the product label (including chickpea, faba bean, field pea, lupin, soybean, mungbean, and navy bean)
PER88638	Alpha-cypermethrin	ACCENSI ALPHA-CYPERMETHRIN 100 INSECTICIDE*	Winter cereals (including triticale and wheat)
PER85447	Alpha-cypermethrin	TITAN ALPHA-CYPERMETHRIN 250 SC INSECTICIDE* FASTAC DUO INSECTICIDE*	Maize, sweet corn chickpeas, faba beans, field peas, mung beans, navy beans, soybeans, sorghum, millet, winter cereals
PER89279	Alpha-cypermethrin	ACCENSI ALPHA-CYPERMETHRIN 100 INSECTICIDE*	Millet

<sup>1</sup> <https://nt.gov.au/armyworm>

<sup>2</sup> <https://apvma.gov.au/>

Permit No.	Active constituent	Product	Crops
PER89279	Alpha-cypermethrin	ACCENSI ALPHA-CYPERMETHRIN 100 INSECTICIDE*	Pulse crops listed on the product label (including chickpea, fava bean, field pea, lupin, soybean, mung bean, and navy bean)
PER89279	Alpha-cypermethrin	ACCENSI ALPHA-CYPERMETHRIN 100 INSECTICIDE*	Winter cereals (including triticale and wheat)
PER89425	Alpha-cypermethrin	ALPHANEX 100 EC INSECTICIDE*	Rice
PER89425	Carbaryl	KENDON CARBARYL 500 SC INSECTICIDE*	Rice
PER89290	Chlorantraniliprole	ACELEPRYN TURF INSECTICIDE	Turf
PER89366	Chlorantraniliprole	ALTACOR INSECTICIDE*	Maize cereals
PER89281	Chlorantraniliprole	CORAGEN INSECTICIDE, ALTACOR HORT INSECTICIDE	Blueberry and Avocado
PER89353	Chlorantraniliprole	CORAGEN INSECTICIDE, ALTACOR HORT INSECTICIDE	<i>Rubus</i> spp., tree nuts (except almonds), strawberries, parsley, root and tuber vegetables (except potatoes).
PER89384	Chlorantraniliprole	CORAGEN INSECTICIDE*, ALTACOR INSECTICIDE*	Sugarcane
PER89259	Chlorantraniliprole	CORAGEN INSECTICIDE, ALTACOR INSECTICIDE, ALTACOR HORT INSECTICIDE	Brassica vegetables, brassica leafy vegetables, stalk and stem vegetables, leafy vegetables, fruiting vegetables (including cucurbits), legume vegetables, potatoes, sweet corn, lettuce, corn, almonds, pome fruit, grapes, stone fruit
PER89354	Chlorantraniliprole	CORAGEN INSECTICIDE*, ALTACOR INSECTICIDE*, ALTACOR HORT INSECTICIDE*	Citrus fruit
PER89280	Chlorantraniliprole and Thiamethoxam	DURIVO INSECTICIDE	Brassicas including broccoli, brussels sprouts, cabbage, cauliflower, brassica leafy vegetables, leafy vegetables including lettuce, endive, silverbeet, spinach, fruiting vegetables

Permit No.	Active constituent	Product	Crops
			(excluding cucurbits) including tomatoes, capsicum, eggplant
PER89285	Emamectin	PROCLAIM OPTI INSECTICIDE	Various leafy vegetables, celery, blueberry
PER89263	Emamectin	PROCLAIM OPTI INSECTICIDE	Brassica vegetables, root and tuber vegetables (except potato), leafy vegetables, brassica leafy vegetables, sweet corn, strawberries, lettuce cucurbits, legume vegetables, fruiting vegetables (field grown and protected cropping), grapes (except grapes grown for dried fruit production)
PER89300	Emamectin	AFFIRM INSECTICIDE	Canola, pulse
PER89344	Emamectin	AFFIRM INSECTICIDE*	Cotton
PER89358	Gamma-cyhalothrin	TROJAN INSECTICIDE	Canola, field peas, chickpeas, faba beans, lentils, vetch, barley, wheat, lupins, navy beans, mung beans, sorghum, sunflower, soybeans
PER89306	Indoxacarb	STEWARD EC INSECTICIDE*	Cotton
PER89279	Indoxacarb	LYMO 225 INSECTICIDE*	Soybean
PER89278	Indoxacarb	AVATAR INSECTICIDE	Broccoli, brussels sprouts, cabbage (closed head varieties only), cauliflower, celery, capsicum, eggplant, peppers, tomato (field or trellis), leafy vegetables, Chinese leafy vegetables, apples, nashi pear, pears, apricot, nectarine, peaches plums, grapes, cherries, blueberries and <i>Rubus</i> species, strawberries, macadamia nuts
PER88638	Indoxacarb	STEWARD EC INSECTICIDE*	Soybean
PER89311	Indoxacarb	STEWARD EC INSECTICIDE*	Pigeon Pea
PER89530	Indoxacarb	STEWARD EC INSECTICIDE*	Maize cereals (including maize, popcorn and teosinte)

Permit No.	Active constituent	Product	Crops
PER89286	Indoxacarb	PROVAUNT TURF INSECTICIDE	Turf
PER89279	Methomyl	LYMO 225 INSECTICIDE*	Maize, Sorghum, sweetcorn, soybean and peanut
PER88638	Methomyl	LYMO 225 INSECTICIDE*	Maize and Sorghum
PER88638	Methomyl	LYMO 225 INSECTICIDE*	Soybean and Peanut
PER89293	Methomyl	LANNATE-L INSECTICIDE* EUROCHEM SENECA ULTRA 400 SP INSECTICIDE*	Apples, pears, blueberries, strawberries, citrus, stone fruit, cherries, non-bearing ornamentals, mangoes, persimmons, grapes, brassica vegetables, capsicums, sweet corn, beans, peas, potatoes, macadamia, turf, tomatoes, shallots, spring onions, fruiting vegetables, legume vegetables, sweet potato, radish, swede, turnip, lettuce, root and tuber vegetables, celeriac, silverbeet, myoga, ginger, rakkyo, parsley, spinach, fennel brassica leafy vegetables, bulb onion, fennel bulb, leeks, avocado, celery.
PER89400	Methomyl	NUDRIN 225 INSECTICIDE*	Millet
PER89241	Spinetoram	SUCCESS NEO INSECTICIDE, DELEGATE INSECTICIDE	Sweet corn, brassica vegetables, leafy vegetables, cotton, cucurbits, fruiting vegetables, legume vegetables, stalk and stem vegetables, culinary herbs, root and tuber vegetables, citrus fruits, soybean, pulses, chickpeas, bananas, ornamentals tropical and sub-tropical fruits (inedible peel, including avocado, mango and kiwifruit), macadamias, berryfruit, coffee, pistachios, forage brassicas, canola, grapes, pome fruit, stone fruit
PER89331	Spinetoram	SUCCESS NEO INSECTICIDE	Onion
PER89327	Spinetoram	SUCCESS NEO INSECTICIDE	Olives
PER89284	Spinetoram	SUCCESS NEO INSECTICIDE*	Various tubers and bulbs
PER89390	Spinetoram	SUCCESS NEO INSECTICIDE*	Maize, popcorn, teosinte, sorghum grain, millet, hungry rice, job's tears, teff or tef
PER89279	Zeta-cypermethrin	FURY 100 EC INSECTICIDE*	Maize, sorghum and sweetcorn
PER89279	Zeta-cypermethrin	FURY 100 EC INSECTICIDE*	Sunflower
PER88638	Zeta-cypermethrin	FURY 100 EC INSECTICIDE*	Maize and Sorghum
PER88638	Zeta-cypermethrin	FURY 100 EC INSECTICIDE*	Sunflower

\* This permit allows other products with the same active ingredient at the same concentration to be used; refer to the permit for details.

All pesticides should be used in accordance with label instructions and the *Agricultural and Veterinary Chemicals (Control of Use) Act 2004*.

## Support

If you suspect your property has fall armyworm call the Exotic Plant Pest Hotline on 1800 084 881.

For advice on pesticide use:

Department of Primary Industry and Resources

Phone: 08 8999 2344

[chemicals@nt.gov.au](mailto:chemicals@nt.gov.au)

For information on fall armyworm:

Department of Primary Industry and Resources

Entomology

Phone: 08 8999 2258

[insectinfo@nt.gov.au](mailto:insectinfo@nt.gov.au)