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/industry/agriculture/food-crops-plants-and-quarantine/fall-armyworm)[[1]](#footnote-1).

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/) [[2]](#footnote-2). 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 |
| 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 | *Rubus* 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 (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 *Rubus* 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) |
| 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 potao, 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

For information on fall armyworm:

Department of Primary Industry and Resources
Entomology
Phone: 08 8999 2258
insectinfo@nt.gov.au

1. [https://nt.gov.au/armyworm](https://nt.gov.au/armyworm%22%20%5Co%20%22NTG%20Fall%20armyworm%20web%20page) [↑](#footnote-ref-1)
2. <https://apvma.gov.au/> [↑](#footnote-ref-2)