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Diazinon uses – summary of assessment outcomes in proposed regulatory decision

March 2024

# Diazinon approvals and registrations subject to proposed regulatory decisions

Table : Active constituent approval(s), product registration(s) and associated label approval(s) placed under reconsideration that the APVMA is proposing to vary to allow affirmation.

| Type | Approval or registration number | Name | Holder | Label approval number(s) associated with the product |
| --- | --- | --- | --- | --- |
| Active constituent | 46132 | Diazinon | Nippon Kayaku Co Ltd | N/A |
| Active constituent | 92520 | Diazinon | Sanonda (Australia) Pty Ltd | N/A |
| Product | 49876 | Nucidol 200 EC Insecticide and Acaricide | Zagro Animal Health Pte Ltd | 49876/0149876/049848976/0509 |
| Product | 50007 | Barmac Diazinon Insecticide | Amgrow Pty Ltd | 50007/059850007/57614 |
| Product | 59707 | Farmoz Diazol 800 Insecticide | Adama Australia Pty Ltd | 59707/060559707/0609 |
| Product | 68534 | Accensi Diazinon 800 Insecticide | Accensi Pty Ltd | 68534/58536 |
| Product | 88946 | AC Dizzy 800 Insecticide | Axichem Pty Ltd | 88946/122991 |

Table : Active constituent approval(s), product registration(s) and associated label approval(s) placed under reconsideration that the APVMA is proposing to cancel.

| Type | Approval or registration number | Name | Holder | Label approval number(s) associated with the product |
| --- | --- | --- | --- | --- |
| Active constituent | 44033 | Diazinon | Adama Australia Pty Ltd | N/A |
| Product | 39572 | WSD Diazinon For Sheep, Cattle, Goats And Pigs | WSD Agribusiness Pty Ltd | 39572/0614 |
| Product | 39573 | WSD Fly Strike Powder To Control Flystrike And For Wound Dressing For Animals | WSD Agribusiness Pty Ltd | 39573/0614 |
| Product | 39574 | WSD Mulesing Powder Wound Dressing Following Mules Operation General Wound Dressing For Sheep, Cattle And Goats | WSD Agribusiness Pty Ltd | 39574/0614  |
| Product | 46231 | Coopers Fly Strike Powder Insecticide | Intervet Australia Pty Ltd | 46231/0614 |
| Product | 46406 | Y-Tex Optimizer Insecticidal Cattle Ear Tags | Nutrien Ag Solutions Limited | 46406/0146406/050346406/528346406/11179846406/119795 |
| Product | 51290 | Eureka Gold Op Spray-On Off-Shears Sheep Lice Treatment | Zagro Animal Health Pte Ltd | 51290/0614 |
| Product | 51524 | Y-Tex Warrior Insecticidal Cattle Ear Tags | Nutrien Ag Solutions Limited | 51524/020251524/030351524/099951524/5028551524/10670151524/11179951524/119797 |
| Product | 53910 | Patriot Insecticide Ear Tag For Cattle | Elanco Australasia Pty Ltd | 53910/050753910/070253910/080153910/130969 |
| Product | 60662 | Co-Ral Plus Insecticide Cattle Ear Tag | Elanco Australasia Pty Ltd | 60662/071060662/130564 |
| Product | 62353 | Coopers Diazinon Sheep Blowfly Dressing And Cattle, Goat And Pig Spray | Intervet Australia Pty Ltd | 62353/0614  |
| Product | 68253 | Nucidol Gold Op Spray-On Off-Shears Sheep Lice Treatment | Zagro Animal Health Pte Ltd | 68253/0614 |
| Product | 86308 | Coopers Erase Gold Spray-On Off-Shears Sheep Lice Treatment | Intervet Australia Pty Ltd | 86308/115392 |
| Product | 86314 | Coopers Gold Spray-On Off-Shears Sheep Lice Treatment | Intervet Australia Pty Ltd | 86314/11540886314/119067 |
| Product | 87681 | Imtrade Diazinon 800 EC Insecticide  | Imtrade Australia Pty Ltd | 87681/11896987681/128623 |
| Product | 92828 | BFD Blowfly Dressing | Abbey Laboratories Pty Ltd | 92828/136822 |

# Diazinon uses – summary of assessment outcomes in proposed regulatory decision

Table : Uses supported with label amendments

| Crop/host | Pest | Assessment outcome |
| --- | --- | --- |
| 800 g/L EC products |
| Indoor and outdoor space and surface sprays (commercial and industrial buildings, ships, farm buildings including kennels, stables and piggeries, refuse areas, garbage containers) | Cockroaches, silverfish, carpet beetles, fleas, flies, spiders, ants | Supported with variations to instructions for use, safety directions, disposal statements and restraints |
| Refuse areas, garbage containers | Maggots |
| Temporary water pools (puddles) | Mosquitos |
| Skins and hides | Skin and hide beetles |
| Pre-plant dip of nursery plants | Aphids, thrips, mealy bugs, scale insects, plant bugs, beetles |
| 200 g/L EC products |
| Horses | Flies (*Musca vetustissima*) and lice (*Damalinia equi; Haematopinus asin*i) | Supported with variations to instructions for use, safety directions, disposal statements and restraints |
| Animal sheds | Flies (*Musca domestica; Stomoxys calcitrans*) |

Table : Veterinary uses not supported by risk assessments

| Crop/host | Pest | Application method | Assessment outcome |
| --- | --- | --- | --- |
| Cattle | Buffalo fly, cattle lice | Ear tag, back rubber, rubbing post, high and low volume spray | Not supported: residues, trade |
| Sheep | Sheep body louse, sheep blowfly strike, wound dressing after marking mulesing and dehorning | Hand spray, swab, brush, jetting, strike dressing | Not supported: residues, trade |
| Goats | Lice, wound dressing  | Hand dusting, hand spray | Not supported: residues, trade |
| Pigs  | Lice, mange | Hand spray, High volume hand spray | Not supported: residues, trade |

Table : Agricultural uses not supported by risk assessments

| Crop/host | Pest | Application method | Assessment outcome |
| --- | --- | --- | --- |
| Apple | San Jose scale, woolly aphid, greedy scale | Vertical sprayer | Not supported: residues, trade |
| Bananas | Banana beetle borer, banana rust thrip | Butt spray (spray base of plant) Vertical sprayer | Not supported: residues, trade |
| Beans | Seed maggot, blossom thrips, bean fly, bean caterpillar, blossom thrips | Boom sprayer, knapsack sprayer | Not supported: residues, trade |
| Beetroot, silverbeet, globe artichoke | Webworm | Boom sprayer | Not supported: residues, trade |
| Blueberries | Scale insects | Spot sprayer / high volume spray  | Not supported: residues, trade |
| Brussels sprouts, broccoli, cabbage, cauliflower, kale, kohlrabi | Cabbage white butterfly, centre grub, cluster caterpillar, aphids, looper | Boom sprayer, spot spray / high volume spray, knapsack | Not supported: residues, trade |
| Capsicum, eggplant | Cutworms | Boom sprayer | Not supported: residues, trade |
| Cereal crops, pastures | Armyworm, cutworm | Boom sprayer  | Not supported: residues, trade |
| Chou moellier, canola, turnips | Cabbage moth, cabbage white butterfly | Boom spray, mister | Not supported: residues, trade |
| Citrus | Spined citrus bug, citrus leaf miner, grasshoppers | Vertical sprayer | Not supported: residues, trade |
| Commercial and industrial buildings, ships, farm buildings including kennels, stables and piggeries, refuse areas, garbage areas | Cockroaches, silverfish, carpet beetles, bed bugs | Swingfog | Not supported: chemistry |
| Cotton | Cotton flea beetle, red shouldered beetle | Boom spray, mister | Not supported: residues, trade |
| Cucurbits | Thrips | Knapsack, Boom sprayer, spot spray / high volume spray | Not supported: residues, trade |
| Grapevines | Mealy bug, Australian plague locust | Vertical sprayer | Not supported: residues, trade |
| Hops | Common and southern armyworm | Vertical sprayer | Not supported: residues, trade |
| Kiwifruit | Leatania scale, greedy scale, leafroller caterpillar, cluster caterpillar | Vertical sprayer | Not supported: residues, trade |
| Lucerne | Lucerne jassid, spotted alfalfa aphid | Mister, boom sprayer | Not supported: residues, trade |
| Macadamia nuts | Macadamia felted coccid, Macadamia leaf miner | Vertical sprayer | Not supported: residues, trade |
| Mushrooms | Mushroom pests | Spray, compost integration | Not supported: residues, trade |
| Onions, garlic  | Onion seedling maggot, onion maggot, onion thrips, wireworm | Spot spray / high volume spray, boom Sprayer | Not supported: environment, residues and trade |
| Ornamental potted plants | Fungus gnats | Soil drench | Not supported: environment |
| Pastures | Pasture webworm | Boom spray, mister | Not supported: environment, residues, trade |
| Pastures, cereals (including maize, sorghum), oilseed crops (inc cotton), soybeans, sugarcane | Australian plague locust, spur-throated locust, migratory locusts | Boom spray, mister | Not supported: environment, residues, trade |
| Pastures, lawns, around trees | Argentine ants | Boom spray, mister | Not supported: environment |
| Pears | San Jose scale | Vertical sprayer | Not supported: residues, trade |
| Pineapples | Pineapple scale, mealy bugs | High volume spray, boom sprayer, dip | Not supported: environment, residues and trade |
| Potatoes | Potato moth | Boom sprayer | Not supported: residues, trade |
| Rice | Brown plant hopper, bloodworm | Boom spray, mister | Not supported: residues, trade |
| Sorghum  | Sorghum midge | Boom spray, mister | Not supported: residues, trade |
| Sorghum, pastures | Grasshoppers | Boom spray, mister | Not supported: residues, trade |
| Stone fruit | San Jose scale, green peach aphid, black cherry aphid | Vertical sprayer | Not supported: residues, trade |
| Sundry vegetables including: cantaloupes, carrots, celery, chokos, cucumbers, gherkins, lettuce, marrows, pumpkins, parsnips, peas, squash, watermelons, rhubarb, sweetcorn | Caterpillars, cutworms | Boom sprayer | Not supported: residues, trade |
| Tomatoes | Thrips, wireworms, cutworms | Knapsack sprayer, boom sprayer, spot spray/high volume spray | Not supported: residues, trade |