



Australian Government
**Australian Pesticides and
Veterinary Medicines Authority**



Diazinon uses – summary of assessment outcomes in final regulatory decision

September 2024

Diazinon approvals and registrations subject to proposed regulatory decisions

Table 1: 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	49876/01 49876/0498 48976/0509
Product	50007	Barmac Diazinon Insecticide	Amgrow Pty Ltd	50007/0598 50007/57614
Product	68534	Accensi Diazinon 800 Insecticide	Accensi Pty Ltd	68534/58536
Product	88946	AC Dizzy 800 Insecticide	Axichem Pty Ltd	88946/122991

Table 2: 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	46406/01 46406/0503 46406/5283

Type	Approval or registration number	Name	Holder	Label approval number(s) associated with the product
				46406/111798 46406/119795
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	51524/0202 51524/0303 51524/0999 51524/50285 51524/106701 51524/111799 51524/119797
Product	53910	Patriot Insecticide Ear Tag For Cattle	Elanco Australasia Pty Ltd	53910/0507 53910/0702 53910/0801 53910/130969
Product	60662	Co-Ral Plus Insecticide Cattle Ear Tag	Elanco Australasia Pty Ltd	60662/0710 60662/130564
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	86314/115408 86314/119067
Product	87681	Imtrade Diazinon 800 EC Insecticide	Imtrade Australia Pty Ltd	87681/118969 87681/128623
Product	92828	BFD Blowfly Dressing	Abbey Laboratories Pty Ltd	92828/136822

Diazinon uses – summary of assessment outcomes in proposed regulatory decision

Table 3: 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 (<i>Musca vetustissima</i>) and lice (<i>Damalinia equi</i> ; <i>Haematopinus asini</i>)	Supported with variations to instructions for use, safety directions, disposal statements and restraints
Animal sheds	Flies (<i>Musca domestica</i> ; <i>Stomoxys calcitrans</i>)	

Table 4: 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 5: 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

Crop/host	Pest	Application method	Assessment outcome
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

Crop/host	Pest	Application method	Assessment outcome
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