

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Showdown 375

Insecticide

ACTIVE CONSTITUENT: 375 g/L THIODICARB
(an Anticholinesterase compound)

For the control of *Heliothis* (*Helicoverpa* spp.) in Brassica Crops, Soybeans, Dried Pulses (Grain Legumes), Tomatoes, Tobacco and Cotton as specified in the Directions for Use.

DIRECTIONS FOR USE:

RESTRAINTS:

DO NOT add SHOWDOWN 375 to water with a pH below 3.0 or above 8.5

DO NOT store prepared spray mixture for longer than 6 hours.

CROP	PEST	STATE	RATE	WHP (Days)	CRITICAL COMMENTS
Brassica Crops	Cabbage Cluster Caterpillar (<i>Crocidolomia binotalis</i>), Cabbage White Butterfly (<i>Pieris rapae</i>)	All States	1.0 to 2.0 L/ha	7	Spray as required depending upon pest pressure. Closely monitor pest populations. Use the lower rate for small caterpillars and the higher rate for advanced caterpillars. Add a non-ionic wetting agent at the recommended rates.
Maize, Sweetcorn	Cotton Bollworm (<i>Helicoverpa armigera</i>)	Qld, NSW, Vic only	1.5 to 2.0 L/ha		Closely monitor pest populations during tasselling-silking. If high numbers of medium to large caterpillars are in the tassels, spray at tassel emergence. Egg-laying is heaviest during green silk formation. Time applications to coincide with egg hatching. Ensure thorough coverage of target areas.
Cotton	<i>Heliothis</i> (<i>Helicoverpa</i> spp.)	Qld, NSW only	2.0 or 2.5 L/ha	21	This product has ovicidal and larvicidal activity. Application should be made on eggs, very small or small larvae only. The most effective timing is on egg hatch. Closely monitor pest populations after application. Use the lower dose rate on light to moderate infestations and the higher rate on heavier infestations. Repeat application as needed to maintain control. Ensure thorough coverage of target areas. Larvae must feed on treated area in order to achieve effective control. Large larvae and larvae feeding within bolls and squares may not be controlled.
Pulses (Navy beans)	<i>Heliothis</i> (Budworms) (<i>Helicoverpa</i> spp.)	Qld, NSW, WA, Tas only	500 mL or 750 mL/ha		Time application to coincide with egg hatching and closely monitor pest populations. Use the lower dose rate on eggs and small larvae and light to moderate infestations and the higher rate on large larvae and heavier infestations.
Soybeans, Mungbeans, Pigeon peas, Chick-peas		All States			Closely monitor pest populations. Repeat application as needed to maintain control. Ensure thorough coverage of target areas.



CROP	PEST	STATE	RATE	WHP (Days)	CRITICAL COMMENTS
Tomatoes	Heliothis (Budworms) (<i>Helicoverpa</i> spp.)	All States	1.4 L/ha or 70 mL/100 L water	1	Time application to coincide with egg hatching and closely monitor pest populations. Repeat applications as needed to maintain control. Ensure thorough coverage of target areas by increasing water volume with plant growth stage. Note: The 1.4 L/ha rate is for spray volumes less than 1000 L/ha and the 70 mL/100 L water rate is for spray volumes of 1000 L/ha or more
Tobacco	Heliothis (<i>Helicoverpa</i> spp.) Tobacco Looper (<i>Chrysodeixis</i> spp.)	Qld, NSW, Vic only	70 mL/100 L water	NIL	Apply as detailed above for tomatoes

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THE LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD:

Brassicas, Maize, Sweetcorn: DO NOT harvest for 7 days after application.
Cotton and Dried Pulses: DO NOT harvest for 21 days after application.
Tomatoes: DO NOT harvest for 1 days after application.
All Crops: DO NOT graze or cut for stock feed for 21 days after application.

GENERAL INSTRUCTIONS

SHOWDOWN 375 is an aqueous suspension concentrate formulation that readily disperses in water for spraying by ground or air equipment. It is unstable under highly acidic or highly alkaline conditions, being hydrolytically sensitive to degradation of active constituent by strong bases and heavy metals and salts. DO NOT apply when weather conditions favour drift from the area to be treated.

MIXING

Agitate or shake container prior to use. Remove oil, rust, scale, pesticide residues and other foreign matter from sprayer and strainer. Flush with clean water. Use 50 mesh or slotted strainer in spray system. Fill tank approximately half full of water, add this product and mix thoroughly by mechanical or hydraulic action. When container is empty, triple rinse and add rinsate to spray tank. Add desired volume and thoroughly mix again.

APPLICATION

The product may be applied by air or ground equipment. Use a minimum prepared spray volume of 20 L/ha by air and 50 L/ha by ground. After use, drain and flush sprayer with water.

COMPATIBILITY

SHOWDOWN 375 may be mixed with FARMOZ BTK, Dipel* ES, Delfin* WG, and most BT products, and most EC formulations of parathion, endosulfan, profenofos, chlorothalonil, dimethoate and omethoate, demeton-s-methyl, methomyl and monocrotophos. However, before preparing tank mix combinations, it is advisable to mix a small amount of SHOWDOWN 375 with an equal volume of water in a small container and add the other pesticide. Any mixture which curdles, precipitates or greases should not be used. SHOWDOWN 375 may also be mixed with Dithane* M-45 and copper oxychloride, PROVIDING the mixtures are used within 6 hours. SHOWDOWN 375 is NOT compatible with other copper and manganese based products, zinc based products, Dithane* DF, with LV, ULV or other oil based formulations, or with vegetable oil diluents.

As the formulations of other manufacturers' products are beyond the control of FARMOZ, all mixtures should be tested prior to mixing commercial quantities.

INSECTICIDE RESISTANCE STATEMENT

Some naturally occurring insect biotypes resistant to SHOWDOWN 375 and other carbamates may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if SHOWDOWN 375 or other carbamates are used repeatedly. The effectiveness of SHOWDOWN 375 on the resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, FARMOZ Pty. Ltd. accepts no liability for any losses that may result from the failure of SHOWDOWN 375 to control resistant insects.

PROTECTION OF LIVESTOCK

Dangerous to bees. DO NOT spray plants in flower while bees are foraging.

PROTECTION OF WILDLIFE, CRUSTACEA AND ENVIRONMENT

DO NOT use in the home garden. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

PROTECTION OF WORKERS AND OTHERS

Workers may re-enter treated fields once spray deposits are dry. DO NOT allow children access to treated areas.

STORAGE AND DISPOSAL

Store in the closed, original container in a well-ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. DO NOT re-use container. Triple rinse empty container before disposal and dispose of washings in a disposal pit away from desirable plants and their roots and watercourses. Wash sprayer thoroughly after use. Destroy empty container by breaking, crushing or puncturing top, bottom and sides of empty container. Bury the container at a depth of 500 mm or more at a safe disposal site in a non-crop, non pasture area away from water sources or homes, or take to a dump that does not burn its refuse. DO NOT burn chemical or used containers.

SAFETY DIRECTIONS

Poisonous if absorbed by skin contact, inhaled or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. DO NOT inhale spray mist. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and washable hat, elbow length PVC gloves, impervious footwear, face shield and half-face respirator with combined dust and gas cartridge (canister). If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, respirator, face shield and contaminated clothing. Obtain an emergency supply of Atropine tablets 0.6 mg.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre on 131 126. **If swallowed**, give one atropine tablet every 5 minutes until dryness of the mouth occurs – **If poisoned by skin absorption or through lungs**, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

MSDS

A material safety data sheet for SHOWDOWN 375 is available from FARMOZ on request. Call Customer Service on (02) 9363 3611.

CONDITIONS OF SALE: The use of FARMOZ SHOWDOWN 375 Insecticide being beyond the control of the manufacturer, no warranty expressed or implied is given by FARMOZ Pty. Ltd., regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and FARMOZ Pty. Ltd. accepts no responsibility for any consequence whatsoever from the use of this product.

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PACK SIZE: 20 L, 200 L DRUM

