

# CARTAP 500SP

## Insecticide

Reg. No. 19-D-176-15

Net Content 1kg

TRB.No.22-25-D-34



Supplied by Maguires-  
A member of  
CropLife Zimbabwe

**HARMFUL IF SWALLOWED**

**Composition:**

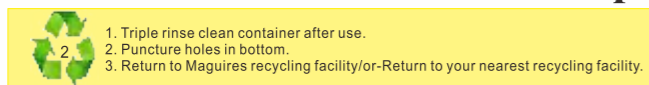
**(mass/mass)**

Cartap hydrochloride.....50%  
Insert Ingredients.....50%

**Chemical Group:**

Thiocarbamate

**A soluble powder contact and systemic action insecticide  
for the control of Bollworm and other insect pests in  
Cotton and other listed crops.**



**TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL  
OF THIS SUBSTANCE IS AN OFFENCE.**

**KEEP OUT OF REACH OF CHILDREN**

Manufactured by:

NOVA AGRO (HK) LTD  
6TH FLOOR, WYNDHAM PLACE,  
44 WYNDHAM STREET,  
CENTRAL HONG KONG

Registration held by:

MAGCHEM (PVT) LIMITED,  
2274 TILBURY ROAD,  
WORKINGTON, HARARE,  
ZIMBABWE

**DIRECTIONS FOR USE:** Use only as directed.

**Compatibility:**

- The compatibility of **CARTAP 500SP** with other products may be influenced by the formulation of the products involved, as well as by the quality of the water. As these factors may vary, a physical compatibility test must always be performed before such tank mixture is sprayed.
- When **CARTAP 500SP** is used in conjunction with any other agricultural remedy, all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label, must be adhered to.

**Mixing instructions:**

- Half fill the spray tank with clean water.
- Shake the **CARTAP 500SP** container well before use.
- CARTAP 500SP** is subjected to alkaline hydrolysis. Therefore, the ideal pH of the spray water is approx. 4.
- Add an acidifier/buffer to the volume of water in the mixing tank to ensure the correct pH.
- Take approximately 10 litre of this pH corrected water from the mixing tank and thoroughly pre-mix the required volume of **CARTAP 500SP** therewith.
- Fill the spray tank with water to the required level while maintaining agitation, to ensure thorough mixing.
- Maintain agitation while spraying.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

**RESISTANCE WARNING**

**CARTAP 500SP** is a group code 4C insecticide. Any insect population may contain individuals naturally resistant to **CARTAP 500SP** and any other group code 4C insecticide. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly.

These resistant insects may not be controlled by **CARTAP 500SP** or any other group code 4C insecticide.

**To delay insecticide resistance:**

- avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes,
- integrate other control methods (chemical, cultural, biological) into insect control programmes.

For specific information on resistance management, contact the registration holder of this product.

Due to resistance of Diamondback moth to pyrethroids, carbamates and organophosphates, use **CARTAP 500SP** in a programme with other registered products, which differ in chemistry and mode of action, in order to combat the build-up of resistance.

**Do not apply more than three successive applications.**

**SAFETY PRECAUTIONS**

- Handle with care.
- Wear protective clothing, boots, rubber gloves and face shield when handling the product.
- KEEP OUT OF THE REACH OF CHILDREN.
- KEEP APART FROM FOOD AND FOOD STUFFS.
- KEEP UNDER LOCK AND KEY.
- Do not inhale fumes or spray mist.
- Avoid contact with skin and eyes.
- Prevent spray drift onto other crops, grazing, rivers, dams or other areas not under treatment.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and changing clothes.
- Wear protective clothing, boots, rubber gloves and face shield when handling the product.
- Wash contaminated clothing daily.
- Toxic to fish and birds.
- Wash with soap and water after use and accidental skin contact.
- Clean all equipment thoroughly after use. Dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Triple rinse empty containers in the following manner: Rinse the container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the described manner.
- Destroy the empty container by perforating and flattening and dispose of it in a safe manner.
- Never re-use the empty container for any other purpose whatsoever.

**SAFETY PRECAUTIONS**

**Empty container disposal**

invert the empty container over the spray tank or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water equal to a minimum of 10% of the container. Add the rinsings to the contents of the spray tank. Destroy the empty container by perforation and flattening. Return to supplier for recycling. DO NOT use for any other purpose. Dispose of the wash water at a site for the disposal of pesticides.

**Decontamination of sprayer**

Clean applicator thoroughly after use and ensure that all traces of **CARTAP 500SP** are removed. Make use of the following method:

- Drain and rinse tank, spray boom and hoses with clean water for at least 10 minutes
- Fill tank with clean water and add it to 1 litre household bleach (5%) or 1.5 Litres of household bleach (3.5%) per 200 Litres of water. Rinse hoses and spray boom and leave in tank for 15 minutes whilst agitating. Drain through nozzle outlets.
- Repeat step (b) and thereafter, rinse thoroughly with clean water and dispose of the wash water at a site designated for the disposal of pesticides.

**APPLICATION RATES**

Crop/Pest	Dosage Rate	Height of Crop	Spray Volume	Remarks
Cotton Red bollworm Spiny bollworm Stainers Leaf eaters Jassids	<b>Knapsack/Tailboom Spraying</b> 400g/100L water	Up to 400mm 400mm-900mm >900mm	50L/ha 100L/ha 150L/ha	
	<b>Tractor mounted mistblower</b> 800g/100L water	Up to 400mm 400mm-900mm >900mm	35L/ha 65L/ha 100L/ha	
Cabbage Diamond back moth larvae ( <i>Plutella xylostella</i> )	400g/100L water (maximum 2kg/ha)	Up to 400mm 400mm-900mm >900mm	1.7L/ha 3.3L/ha 5.0L/ha	Apply as a full cover spray at 500 litres spray mixture per hectare. Apply <b>CARTAP 500SP</b> in a 10 to 14-day interval spray programme and alternate the product with other registered products with different mode of action (refer to IRAC Insecticide Group Code). <b>WARNING:</b> Refer to the "RESISTANCE WARNING" above.
				Apply the first application as soon as the first moths are noticed. Apply 500 litre spray mixture per hectare. Ridge at least twice during the growing season. Apply <b>CARTAP 500SP</b> in a 10 to 14-day interval spray programme and alternate the product with other registered products with different mode of action (refer to IRAC Insecticide Group Code). <b>WARNING:</b> Refer to the "RESISTANCE WARNING" above.
Potatoes Potato tuber moth larvae ( <i>Plutomyza operculella</i> )	400g/100L water (maximum 2kg/ha)	Up to 400mm 400mm-900mm >900mm	1.7L/ha 3.3L/ha 5.0L/ha	Apply as a full cover spray. Apply the first application as soon as infestation is noticed. Apply <b>CARTAP 500SP</b> in a 7-day interval spray programme and alternate the product with other registered products with different mode of action (refer to IRAC Insecticide Group Code). <b>WARNING:</b> Refer to the "RESISTANCE WARNING" above.
Potato leafminer ( <i>Liriomyza huidobrensis</i> )	400g/100L water (maximum 2kg/ha)	Up to 400mm 400mm-900mm >900mm	1.7L/ha 3.3L/ha 5.0L/ha	<b>Fields:</b> Apply as a full cover spray. Apply the first application as soon as infestation is noticed. Apply <b>CARTAP 500SP</b> in a 7-day interval spray programme and alternate the product with other registered products with different mode of action (refer to IRAC Insecticide Group Code). Do not use dosage rates higher than recommended, as phytotoxicity may occur. <b>WARNING:</b> Refer to the "RESISTANCE WARNING" above.
Tomatoes American leafminer ( <i>Liriomyza trifolii</i> )	400g/100L water (maximum 2kg/ha)	Up to 400mm 400mm-900mm >900mm	1.7L/ha 3.3L/ha 5.0L/ha	<b>Fields:</b> Apply as a full cover spray. Apply the first application as soon as infestation is noticed. Apply <b>CARTAP 500SP</b> in a 7-day interval spray programme and alternate the product with other registered products with different mode of action (refer to IRAC Insecticide Group Code). Do not use dosage rates higher than recommended, as phytotoxicity may occur. <b>WARNING:</b> Refer to the "RESISTANCE WARNING" above.
Tobacco seedbeds Aphids, chewing and biting insects	90g/100L water and drench at 2 L/m <sup>2</sup>			Drench at 2L/m <sup>2</sup>
Tobacco lands Chewing and biting insects including leaf miner, whitefly, diamond back moth, aphids and bollworm	400g/100L water			Apply as a full cover spray at 300 litres spray mixture per hectare. Apply <b>CARTAP 500SP</b> in a 10 to 14-day interval spray programme and alternate the product with other registered products with different modes of action (refer to IRAC Insecticide Group Code). <b>WARNING:</b> Refer to the "RESISTANCE WARNING" above.

**SYMPTOMS OF HUMAN POISONING:**  
Poisoning symptoms are non-specific.

- FIRST AID**
- Ingestion** If swallowed, seek medical advice immediately and show this container or label. DO NOT induce vomiting.
- Eye Contact** Rinse immediately with plenty of clean water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.
- Skin Contact** Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.
- Inhalation** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration, Keep patient warm and at rest. Call a physician or Poison Information Centre immediately.

**NOTES TO PHYSICIAN**  
Administer cystine as antidote. Consider washing of the stomach with injections of water. Treat symptomatically and supportively.

**ANTIDOTE**  
Administer cystine as antidote.

**WARRANTY**  
Excellent results should be achieved from the use of this product, provided the recommendations contained on this label are followed in full. However, as the application of this product and the conditions under which it is applied are beyond the control of the distributor, no warranties are given with regards to the use of this product. The distributor accepts no liability in delict for any injury to persons or damage to or loss of property, or profits, resulting from the handling, use or storage of this product.

**Disclaimer:** Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions; quality of dilution water; compatibility with other substances not indicated on the label and the occurrence of resistance of weeds against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier or registration holder in the event of any uncertainty.

**Batch No.: 20241118 Date of Mfg.: 18 NOV. 2024 Date of EXP.: 18 NOV. 2027**

Manufactured by:

NOVA AGRO (HK) LTD.  
6TH FLOOR, WYNDHAM PLACE,  
44 WYNDHAM STREET,  
CENTRAL HONG KONG

Registration held by:

MAGCHEM (PVT) LIMITED,  
2274 TILBURY ROAD,  
WORKINGTON, HARARE,  
ZIMBABWE

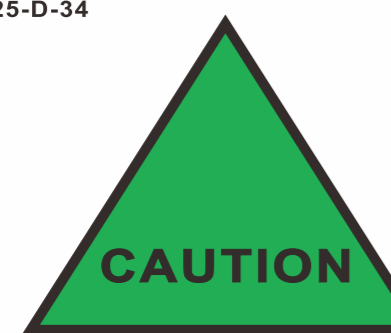
# CARTAP 500SP

## Insecticide

Reg.No.19-D-176-15

Net Content 10x1kg

TRB.No.22-25-D-34



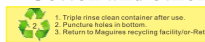
Supplied by Maguires-  
A member of  
CropLife Zimbabwe

**HARMFUL IF SWALLOWED**

**Composition:** (mass/mass)  
Cartap hydrochloride.....50%  
Insert Ingredients.....50%

**Chemical Group:** Thiocarbamate

**A soluble powder contact and systemic action insecticide  
for the control of Bollworm and other insect pests in  
Cotton and other listed crops.**



**TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL  
OF THIS SUBSTANCE IS AN OFFENCE.**

**KEEP OUT OF REACH OF CHILDREN**

Manufactured by:

NOVA AGRO (HK) LTD  
6TH FLOOR, WYNDHAM PLACE,  
44 WYNDHAM STREET,  
CENTRAL HONG KONG

Registration held by:

MAGCHEM (PVT) LIMITED,  
2274 TILBURY ROAD,  
WORKINGTON, HARARE,  
ZIMBABWE