What is the correct dosage of TotalCare?

Open rule: 5- 15 ml per litre of water

In standard conditions, the dosage should be adjusted based on

- **Size of the plant**
  For horticulture crops (bushes and trees), more water is utilized to cover a plant and therefore the dosage must be reduced as low as 5 ml of TotalCare per litre of water.
- **Stage of the crop**
  Seedling phase may require less while a matured plant requires more of TotalCare
- **Population of the pest**
  If it is a preventive spray before a possible epidemy, 5 ml of TotalCare per litre of water is enough. In case of heavy infestation, it is advised to go for 15 ml of TotalCare per litre of water.

Quantity required to cover one hectare

For Field crops, cotton, maize, wheat, vegetables like tomato, brinjal:
750 ml to 1500 ml of TotalCare should be enough for one hectare.

For Trees & Bushes, horticultural crops:
2 to 3 litres of TotalCare per hectare depending on the size of the tree and pest population.

Generally, the amount of TotalCare required to control pests in 1 hectare of a field crop (example rice, wheat, cotton, soybean) is fixed at 1500 ml. But the amount of water required to cover a hectare is not fixed and depends on the spray system. If more water is required to cover 1 ha (example traditional low volume sprays) then the quantity of TotalCare to be mixed in a litre of water should be reduced. If less water is required to cover 1 ha (example modern high-volume sprays) then the quantity of TotalCare per litre of water should accordingly increase to maintain the dosage of TotalCare.

Here find below the dosage of TotalCare in different scenarios.

Volume	Field Crops (flowering phase)		Tree & bushes (flowering phase)	
	Water required to spray (l /ha)	TotalCare (ml / litre)	Water required to spray (l /ha)	TotalCare (ml / litre)
High volume (HV)	>600	2	>1000	2
Medium volume (MV)	200-600	2 - 4	500-1000	2 - 4
Low volume (LV)	**50-200**	**5 - 10**	**200-500**	**5 – 7,5**
Very low volume (VLV)	5-50	30 – 60	50-200	15 - 20
Ultralow volume (ULV)	<5	150 – 300	<50	40- 60

pH of the spray solution:

Unlike other neem pesticides, TotalCare does not contain the extracted or the chemical form of azadirachtin. The azadirachtin in TotalCare is in its natural form (in neem oil) and is very stable to pH variations of water. However, the water that you utilize may sometimes alkaline or acidic. The best performance of TotalCare is obtained when the pH of the spray solution is neutral at 5.5 to 6.5. If the pH is more than 7, we recommend reducing the pH by using a suitable buffering or acidifying agent. For smaller applications, vinegar or acetic acid can be utilized to neutralize the water. For larger field sprays, Monopotassium phosphate can be utilized to bring the pH of water to 6.5 and before mixing it with TotalCare to prepare the spray solution.

To contact our professional services for more questions

info@natureneem.com

	NOP	EU	JAP
Inspected by Ecocert SA F-32600 as an organic agricultural input as per NOP, EU and JAP.	Input suitable for organic farming, Product Compliant Under NOP"	Inputs suitable for use in Organic Farming, according to (EC) n° 834/2007 & 889/2008 Regulations"	Product suitable for use in Organic Agriculture conforming to JAS Regulation

Stockage:
Keep it in dry place. Avoid sunlight. At low temperature, the product may solidify. In this case, before application, keep the product in room temperature or in warm water for hours so that the product is fluid. Never heat the oil directly.

Precautions:
Contains 100% pure neem oil. Under recommended dosage, the product is nontoxic to mammals and birds. However, keep away from the reach of children. In case of contact with eyes, wash with abundant water and consult doctor. In case of ingestion, Azadirachtin, a component of neem oil, can be very irritating to the skin and stomach. Consult a doctor and show the label.

Origin, fabrication and packing

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