

atomes

Division of
Agriculture

**LEADERS
IN BIOTECHNOLOGY
PRODUCTS**

Novo Safe[®]

*Root To Fruit Protection
Nematicide*

Novo Safe is a Nematicide, containing (Poly-Micropolymer 5%, ART 10%) controlling a wide range of nematodes species including *Meloidogyne* spp. and Borrowing nematodes. It works to inhibit acetylcholinesterase (nerve system and nemastatic activity) in the juvenile nematodes by paralysing them (at low concentration) and thus preventing invasion into plant roots. Prolonged exposure results in nematode death (nematicidal activity). It also prevents the eggs from hatching. In the laboratory **Novo Safe** killed 100% of juvenile nematodes within seconds at concentration (2ml: 1 liter H₂O) and less than a minute at low concentration (12 µl: 1 ml H₂O). Even at very low concentration "**Novo Safe**" had good effect on hatching activity of nematodes (see Table below).

Concentration (µl/ml H ₂ O)	Time (days)				
	1	2	4	14	21
1	+	-	-	-	-
4	+	-	-	-	-
20	+	-	-	-	-
50	+	-	-	-	-
100	+	-	-	-	-
200	+	-	-	-	-
Control	++	++	+++	+++	+++

- +++ High hatching activities
- ++ Moderate hatching activities
- + Low hatching activities
- No hatching activities

- Mixing **Novo Safe** with water at the required concentration with drip or raw irrigation.
- Apply **Novo Safe** at a concentration of 1 to 4 L per Denom, 15 minutes before the end of irrigation cycle.
- **Novo Safe** can be better used with Ventura irrigation system.
- Number of applications three times with two weeks interval.
- **Novo Safe** can be used one week per-planting.
- Allow the water to run further away from the root system to protect the newly growing rootlets.

PRODUCT SUMMARY

1. "NOVO SAFE" is a new and highly effective liquid Nematicide, providing growers with reliable and cost effective control of nematodes
2. Gives higher yields of improved quality
3. Environmentally friendly
4. Limits nematodes multiplication
5. Effective at low concentrations
6. Control throughout the season
7. Compatible with other pesticides
8. No phytotoxic effects
9. Non toxic to the wild life
10. Does not leave any residues in the soil or fruits
11. Easy application with water
12. Protects the crop longer