

NIMTA 1500

Since long back neem is used as versatile natural pesticide and pharmaceuticals used through its leaves, fruits and oil. In neem based product active ingredient content azadirachtin. Number of field trials carried out against different pests of paddy, jute, chilies, ladies finger, cabbage, cauliflower and other vegetable as well as agriculture field crops by Gujarat Agriculture University, Anand and showed promising results. Also, indicated that it has a no adverse impact on environment and natural predator as well as parasites. It means it is the safest botanical pesticide.

Mode of Action

Nimta 1500 has a very versatile mode of action like anti-feedent, insect growth disruptant, insect repellent, ovicidal, anti-ovipositor and it changes the taste receptor of insect mouth. It also induce sterility in insect upon long use. It has a contact and systematic action.

Unique Features

- ❖ Nimta 1500 is very safe, eco-friendly insecticide.
- ❖ No impact on natural predator and parasites.
- ❖ It helps to break the resistance in insect.
- ❖ It improves socio-economical condition of farmers as cheap botanical pesticide.
- ❖ It is important for IPM module.
- ❖ It has non phyto-toxic and non-residual effect.
- ❖ Best suited for organic farming.

Dose

In generalized agriculture Nimta 1500 can be used as under

- (1) Folier spray – 40-45ml / 15 Ltrs. of water
- (2) Drenching – 100-150ml / 10 Ltrs. of water in nursery area and heavily soil infested area.

Content

	<u>% w/w</u>
Neem kernel extract in solvent	60%
Methanol containing min. Azadirachtin (0.15% w/w)	
Emulsifier (Polysorbate 20)	5%
Treated Neem Oil	35%

Total	100%

Shelf Life

The shelf life of Nimta 1500 is 12 months however, material stored upto longer period under cool and dry conditions.