

RANGO™



RANGO™ is a broad-spectrum plant derived biopesticide for the control of insects and diseases.

Benefits

- Multiple modes of action
- Soft on beneficial
- Low REI and zero PHI



Why is RANGO™ different to other neem-based products?

RANGO™ is formulated with Cold-Pressed Neem Oil, naturally sourced from the neem kernel, resulting in a high purity & quality oil containing a broad spectrum of limonoid actives for management of both insects and diseases.

Other neem-based products currently available in the market are formulated utilizing a chemically based extraction process which results in a limited load of limonoid bioactive compounds. Additionally, Azadirachtin-based neem products are labeled for insecticide use only.

Product Name	For Control of		Active Ingredient		
	Insects / Mites	Foliar & Soil Diseases	Cold-Pressed Neem Oil (Full bioactives)	Clarified Hydrophobic Extract of Neem Oil	Azadirachtin only
RANGO™	●	●	●		
Aza-Direct®	●				●
AzaGuard®	●				●
AzaMax®	●				●
Debug Turbo®	●	●		●	●
Neemix®	●				●
Trilogy® / TRIACT®	●	●		●	

Differences between Cold-Pressed Neem Oil and Clarified Hydrophobic Extract of Neem Oil

	RANGO™'s Cold Pressed Neem Oil	Solvent based
Method of Extraction	<ul style="list-style-type: none"> • Cold pressed Neem oil is the BEST! • No chemicals are involved in the extraction process. • Seed kernels are crushed and squeezed mechanically. • This technique releases and separates the oil. • The cold press process preserves the integrity of the active ingredients that are susceptible to heat • The purest form of neem oil is obtained along with the presence of Neem active compounds. • Cold press neem oil is lighter in color as well as odor compared to other methods. 	<p>Uses synthetic chemical solvents to extract oil from neem by soaking the crushed kernels in a solvent.</p> <p>The solvent, is mixed with neem seeds after heat drying. The added neem seeds can be pressed if needed. Extracted neem oil is collected by vaporizing solvent for later recovery.</p>
Bioactives	<p>Limonoid profile of the oil is closer to its natural profile. Full spectrum of limonoids including Azadirachtin.</p>	<p>Limonoid profile of the clarified extract of neem oil is deviated from its natural state, which can compromise Azadirachtin content.</p>
Oil	<p>Unadulterated Natural oil.</p>	<p>Not all oils are unadulterated oils.</p>