



## KARANJA OIL

### Technical Sheet

Pure, cold pressed, wild- crafted [Karanja Oil](#) is extracted from carefully stored seeds of the Karanja tree (*Pongamia glabra*) that grow extensively in India. It is free of aflatoxin, any pesticides or harmful levels of any metals. Can be used as an agricultural spray on its own or combined with [Neem Oil](#). Carefully produced and packaged to maintain its purity, freshness and beneficial properties giving it its golden brown color and distinctive yet mild nutty aroma. Karanja Oil, like [Neem Oil](#), has been widely used for nematocidal and bactericidal activity.

Its properties also make our [Karanja Oil](#) great for organic agricultural use serving as a natural pest repellent without the use of harmful chemicals.

#### **Application:**

For Vegetables, Ornamentals or Row Crop - Mix 1 oz. karanja oil with 1 to 1.3 gallons water, using 1/2 -2 tsp. soap or other emulsifier to mix thoroughly. If the water is cold, use a little warm water (DO NOT USE HOT WATER - it can destroy the properties of the oils) to thoroughly emulsify the oil and then add the remaining water and agitate well. Make sure the oil is completely emulsified before spraying. If there is oil floating on top add more soap or emulsifier as needed. Spray with full leaf coverage for healthy plants.

Repeat sprays every 7-10 days for 4 - 5 weeks if needed.

Do not apply directly to aquatic bodies.

Alternately, mix 1/2 oz. neem oil + 1/2 oz. karanja oil and use in the same way.

For Large Trees - Use 1 oz. neem or karanja oil with 3/4 gallon to 1 gallon water.

Alternately, mix 1/2 oz. neem oil + 1/2 oz. karanja oil and use in the same way.

Important - Use within 8 hrs of mixing with soap and water for maximum efficacy.

DO NOT make the mixture too strong - it may cause leaf burn.



### Specification for Karanja Oil:

No	Parameter	Result
1.	Karanja Content	min 20,000 ppm
2.	Specific Gravity	0.925 - 0.940
3.	Refractive Index	1.4734 - 1.4790
4.	Acid Value	3.9
5.	Saponification Value	186 - 196
6.	Iodine Value	80 - 90
7.	Unsaponifiable Matter	3.0
8.	Organic Matter	80 - 90%
9.	e.coli or salmonella	Negative
10.	Aflatoxin	Negative