



Healthy life starts here...

USE ORGANIC

SAVE NATURE SAVE HEALTH...















### PARKER NEEM OIL

#### SINGLE PRODUCT WITH MULTIPLE ACTION

Parker Neem oil is produced by natural way of virgin cold pressed method. It has very strong active ingredients which protects the plants from pests / insects. It works as below

### PARKER NEEM OIL

### PARKER NEEM OIL (Organic approved)

Parker high pure neem oil is produced by temperature controlled process (TCP) and the method of Zero ingredients loss. It is produced by chemicals, petrochemicals and retains all the well balanced ingredients in the oil. It is non toxic to human beings, animals, birds and earth worms.

#### **ORGANIC APPROVED STANDARDS**

- 1. NPOP Organic Standard
- 2. ISO 9001 2015
- 3. GMP
- 4. IFOAM



#### **QUALITY CONTROL**

- 1. Each batch of the parker neem oil is tested in the lab to ensure the quality
- 2. GMP quality control is adopted.
- 3. Pre-shipment inspection done before each export shipment

#### **TYPICAL SPECIFICATION**

Azadirachtin
 Nimbin
 Salanin
 2500 to 3000 ppm
 min 4000 ppm
 min 6000 ppm

 Free from Pesticides, Minerals, Salmonella, E.Coli and Aflatoxin

#### And also available of

Nimbonin, Isonimolicinolide, Mahmoodin, Azadiradione, Azadirone, Vepinin Vn, Nimbidin, Meliantriol, Meldenin

#### **SPECIAL NOTE**

Parker neem oil is high pure derived from neem seed kernels. It contains fatty acids which makes it creamy at 16° C (60.8° F) and becomes solidify at below 12° C (53.5° F) It can bring back to normal by thawing.

#### **Packages**

250ml, 500ml, 1000ml, 5000ml, 10Litre, 20 litre, 25 litre, 200 litre

#### Note: Shake well every time before open.

Store in room temperature avoid freezing and don't explore to direct sunlight. Keep the formulation tightly closed after use. Keep Reach out of children / pets.

#### **APPLICATION**

#### Parker organic neem oil for Agricultural

- Organic farming input in soil for Nematodes and soil based insect control
- 2. Ideal for Integrated Pest Management (IPM)
- Neem oil has been proved to control 200 species of pests

#### Parker neem oil in Health

Neem tree is called village pharmacy as all the parts of the tree is used for medicinal purposes. Neem Oil is also used in the various medicines for human beings. Most common ailments/utilities are: Skin care, Lice Control (in hairs), Piles, Ulcers, Asthma, Skin Disorders, Chronic Diarrhoea.

#### Parker neem oil in Animal Health

For centuries Neem has been used in India to provide health cover to livestock in various forms. It is also very widely been used in animal treatment for systemic disorders, infections, injuries, precautions, accidental condition, hygiene, wounds as an ingredient of medicines.

#### Parker neem oil cosmetic

Neem oil is used in preparation of various cosmetics and toiletries. All Purpose Cream Hair Oils, Tooth Paste, Bathing Soaps, Hair Shampoo Face Pack, Dog Shampoo.









### PARKER NEEM CAKE

#### PARKER NEEM CAKE

#### (Approved organic soil input)

Parker neem cake is Residue of Neem seed's Kernel while crushing for Parker neem oil. High amount of Azadirachtin, Salanin, Nimbin and neem components in the parker neem cake prevents the soil nematodes and soil based insects.

Parker neem cake available in 3 forms as POWDER, GRANULE and PELLET for the easy application according to the crops.

#### **ORGANIC APPROVED STANDARDS**

- 1. NPOP Organic Standard
- 2. ISO 9001 2015
- 3. GMP
- 4. IFOAM



#### **QUALITY CONTROL**

- 1. Each batch of the parker neem cake is tested in the lab to ensure the quality
- 2. GMP quality control is adopted.
- 3. Pre-shipment inspection done before each export shipment

#### **TYPICAL SPECIFICATION**

Nitrogen (N) : 3-5%
 Phosphorous (P2O5) : 0.5-1%
 Potassium (K2O) : 1-2%
 Oil content : 5-6%
 Azadirachtin :>800 ppm

 Free from Pesticide residue, Minerals, Salmonella, E-Coli and Aflatoxin

Studies have shown that parker neem cake dosed at 250 Kg Per hectare has the same efficiency of the commercial neem cake at a dosage of 1000 Kg per hector

#### Mode of Action

- Neem Cake helps in improving the plant health in general through increase in the growth and development of plant, results in rich blossoming, strengthening the roots and improving the general appearance of fruits and vegetables
- While applied in conjunction with any Nitrogenous fertilizers, it increases nitrogen fertilizer use efficiency in plants by slowing down the process of conversion of Nitrogenous compounds into Ammonia, Nitrites and Nitrates
- It not only provides nitrogen but also inhibits the nitrification process. When mixed with urea, before applying in the field, can save about 30% of the total chemical nitrogen requirement of crops, which otherwise get lost through natural de-nitrification processes. This ensures sustainable natural agriculture
- It accelerates root development and overall plant growth and protects the plant from soil borne pathogens and pests
- Being totally natural, it is compatible with soil microbes and improves and rhizosphere micro flora and hence ensures fertility of the soil

Storage: Store in dry room temperature

#### Method of Application

- Neem cake is applied in and around the roots of the plants. It can be applied just like any other organic manures, as per the system adopted at the point of usage of this material. No deviation from the normal procedures adopted nor any special requirements is required. Vegetables, bushes and trees, will have a remarkable result in the improvement of the plant immunity
- Normally the desired quality of neem cake is applied in the soil and worked out in the soil resulting in proper blending of neem cake
- Neem cake can be mixed with the soil nearer the root zone

Crops	Dosage	Frequency Required
Plantation Crops (plantain coconut, areca nut, coffee, tea, mango and all other fruit crops)	2-4 kg / tree	Pre monsoon     Post monsoon
Annual / seasonal crops (paddy, oil seed, vegetables, oil seeds, sugarcane, watermelon etc.)	150-350 kg / acre	During land preparations     Before flowering
Spice Crops (Cardamom, turmeric, pepper, vanilla etc.)	500-750 gms / plant	Pre monsoon     Post monsoon

Packing: 1kg, 20kg, 25Kg, 50Kg and 750 kg Jumbo bag (Flexi bag)







# PARKER NEEM TONIC

## PARKER NEEM TONIC (Ready to use emulsified neem oil)

Parker neem oil emulsified by natural method. Ready to use organic pesticide which controls more than 200 insects/pests

#### Specification

Azadirachtin : 1500 to 2000ppm Nimbin : 4000ppm Salanin : 6000ppm

#### And also available of

Nimbin, Isonimolicinolide, Mahmoodin, Azadirachtin, Azadirone, Vepinin Vn, Nimbidin, Meliantriol, Meldenin

#### **ORGANIC APPROVED STANDARDS**

- 1. NPOP Organic Standard
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#### Mode of working

- Disrupting or inhibiting the development of eggs, larvae, or pupae
- Blocking the molting of larvae or nymphs
- Disrupting mating and sexual communication
- Repelling larvae and adults
- Deterring females from laying eggs
- Sterilizing adults
- Poisoning larvae and adults
- Deterring feeding
- Blocking the ability to "swallow" (that is, reducing the motility of the gut)
- Sending metamorphosis awry at various stages
- Inhibiting the formation of chitin.

#### Ranafita

- Broad spectrum botanical insecticide, acaroids and fungicide. Primary role of disrupting an insect's metamorphosis.
- Influences the hormonal system, feeding activity, reproduction and flying ability of insects.
- Has no mammalian toxicity, it degrades rapidly in the environment, and has no side effects on non-target species and beneficial insects.
- Can suffocate mites, whiteflies, aphids, cutworms, fungus gnats, shore flies, leafminers, thrips and other types of soft bodied insects on contact.
- Effective against rots, mildews, rusts, scab, leaf spot and blights.
- Multiple modes of action make it unlikely that insects and plant pathogens can develop resistance.
- Ideal for Integrated Pest Management (IPM).
- Totally eliminates residue concerns on crops.
- Non toxic to human beings, animals, birds and earth worms.

#### Note: Shake well every time before open.

Store in room temperature avoid freezing and don't explore to direct sunlight. Keep the formulation tightly closed after use. Keep Reach out of children / pets.

#### Rate of application

- 8 10 ml per liter at the interval of 7-12 days.
- Can also be mixed with any other organic inputs to enhance its results.
- Spray should be carried out during evening hours i.e. post 4.00 pm
- Spray should cover both upper and lower surface of the leaves to get desired control.
- First application as soon as eggs laying is observed followed by second during egg hatching stage further it has to be continued till nothing prevails

#### Packaging

250ml, 500ml, 1000ml, 5000 ml 10 Litre, 20 Litre, 25 Litre, 200 Litre











### PARKER NEEM TONIC

# **MODE OF WORKING**

#### 1. REPELLENT

The insect from adjacent fields will not migrate nor prepare to lay eggs in Parker neem tonic sprayed plants



#### 2. ANTIFEEDANT

The insects Prepare not to feed the parker neem oil sprayed plants .Even slight nibbling suppresses the digestive system in the insects and insects starve without food



#### 3. ANTIFEEDANT - STARVATION

### **Antifeedant**











**Stops Feeding** 

**Stops Activities** 

#### 4. GROWTH REGULATION

Parker neem tonic causes hormonal imbalance in insect pest resulting in abnormalities and immature growth stages and also results in impotence in the adult insects









NORMAL LARVA

IAL LARVA GROWTH AFFECTED LARVA







LARVAL PUPA INTERMEDIATE

ADULT MALFORM AND DIE



**GROWTH AFFECTED MOTH** 

NORMAL MOTH

ADULT
MALFORM AND DIE



NORMAL GRASSHOPPER





ADULT MALFORM AND DIE



NORMAL MITE

NORMAL BEETLE



MALFORMED BEETLE

#### 5. OVICIDAL

Parker neem tonic affects the egg production, laying and hatchability of insects







The combined effect of the multimode of action of Parker neem oil results in the cumulative death of the insects with in seven days





### PARKER NEEM SOAP

#### PARKER NEEM SOAP

Parker neem soap has antibacterial, antifungal and antiviral properties which helps to keep skin soft, supple and nourishes it, also helps to protect skin from Eczema and acne problem. Parker Neem soap is recommended by doctor to prevent and treat ACNE

- Can use for regular bath and suitable for all types of skin
- Certified Parker neem oil used for neem soap preparation
- Exfoliating properties of Neem that improves the appearance and complex of the skin
- 100% Vegetable based and beneficial for super sensitive skin
- Do not have any chemical compounds and artificial fragrance

#### Why Neem Soap

The timeless healing properties have been passed from generation to generation. Supported by centuries of use, and modern science, Neem is used to treat many skin problems. Hundreds of studies in laboratories around the world have documented its efficacy in helping to treat diverse disorders.

The neem soap is great for sensitive, oily or acne-prone skin. It offers the ancient healing properties of neem combined with the aesthetics of a delicately hand-crafted soap. These mild soaps are made from only the purest natural ingredients and are non-drying.

### PARKER NEEM LIQUID SOAP

#### PARKER NEEM + ALOE VERA LIQUID SOAP

Dual beneficiary of neem + aloe vera

- Aloe vera is an unique plant which has the formulation for anti-aging, which gives you healthy and fresh looking skin.
- Aloe vera plants are basically known for their power of healing various skin problems and used for cosmetic effects. It is also helps in healing psoriasis, shingles and others associated with itching also in cuts, abrasions and burns.
- Neem oil is anti-inflammatory, it is soothing, toning, protective and moisturizing to the skin.



Parker neem soap suitable for all age person for regular bath



Parker neem liquid soap enriched with aloe vera for healthy and smooth skin suitable for all age person for regular bath



### **PARKER NEEM HAIR & BODY WASH**

#### PARKER NEEM HAIR & BODY WASH

made out of ingredients like neem oil and coconut oil.

This Neem liquid Hair & Body Wash is specially designed for all type of skin. Free from chemicals and dyes, as pure neem oil and coconut oil is the best skin care by regular use of Parker neem Hair & Body wash we can have soft and clear nourished skin. The added advantage is it can also be used as shampoo it works amazing as hair wash for anti dandruff, hair fall control against nits, lice etc.

### **NEEM PET SHAMPOO**

#### NEEM PET SHAMPOO

No known natural remedy to keep the lovable pets free from itchy, irritated skin like neem. Parker neem pet shampoo is the safe to all the pets including puppies and kittens over 2 weeks age.

Parker neem natural pet shampoo will cleanse and soothe your pet's skin, great for hot spots, flea bites, dermatitis and all skin irritations.

You will love how your pet's coat will look, feel & smell after using parker neem pet

Neem Oil has been used for centuries in the treatment of skin disorders. Parker Neem Pet Shampoo has been specially formulated to clean gently, with no harsh chemicals, soaps or synthetic, waxy thickeners. Safe and effective for all pets.

This shampoo is pH balanced and contains no sodium Laureth or Lauryl Sulfate. It is 'soap-free' and is safe to use with flea treatments.

Parker neem hair & body wash enriched with Pro vitamin B5 and lemon essential oil which gives freshness for whole day.



Parker neem pet shampoo has been specially formulated for pets to clean gently, with no harsh chemicals, soap or synthetic

#### Application

Apply to pet's wet coat and massage till you get rich lather. Allow to remain on coat for 3 to 5 minutes, then rinse well. Safe and effective for puppies and kittens over 2 weeks of age.

### Certifiers / Members / Organic Standards











ISO 9001-2015, and GMP Certified Govt. Recognised Export House

### Registered office

#### **Parker Biotech Private Limited**

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Factory Profile
Parker neem factory located in the western part of south india, Theni, Tamil nadu.

Parker neem factory located in 3.75 acre land equipped with modern machineries to produce certified organic neem products for export purpose by traditional method of cold pressed process.

It has annual production capacity of over 3000

GMP standards guidelines adopted for manufacturing.



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