



SURAJ SHREE CHEMICALS LIMITED

CULTIVATING TOMORROW, ORGANICALLY!

**PRODUCT
CATALOGUE**

YEAR 2024



ABOUT US

Since our inception in 1975, we have consistently adapted to evolving times. Beginning with an NPK granulation plant, we later diversified into **Approved Organic Inputs, Animal Feed and Plant Tissue Culture**

At Suraj Shree Chemicals Limited, we harness the finest resources and scientific expertise to develop organic solutions for agriculture, animal feed, and sanitation systems. Our primary objective is to provide comprehensive organic solutions for all essential aspects of agriculture, including **Integrated Pest Management (IPM), Integrated Nutrient Management (INM), Weed Control, Water Conservation, and On-Farm Composting.**

The advocacy for increased use of organic inputs in agriculture is widespread due to well-recognized reasons. The irresponsible application of chemicals in soil and on plants has had serious repercussions on the quality of produce and the health of humans and livestock. It is imperative to curtail the use of synthetic harmful chemicals and replace them with botanical, biological, and organic solutions.

The quality of agricultural inputs is directly correlated with the health of humans and livestock. We offer comprehensive solutions for organic agriculture, covering soil nutrient management, plant protection, pest management, and water conservation, all at the most cost-effective terms. Our products are designed to reduce labor, lower costs, and decrease the need for multiple input inventories.

Additionally, animal farming is a critical aspect of farmers' welfare. We recognize and promote the use of balanced feed for optimal health and quality of animals. We have developed a series of feeds suitable for a range of animals including cattle, pigs, fish, poultry, and rabbits. These feeds are formulated with all-natural raw materials to ensure the optimal health and growth of animals.

BIO STIMULANTS

- AGROVITA
- SANJIVNI PLUS
- MICROLIFE
- HUMIPLEX
- GREENGOLD



AGROVITA

Agrovita, derived from a select blend of bioactive plants, enhances crop protection and promotes plant growth, resulting in higher yields and improved quality produce.

Composition:

Agrovita contains peptides, aliphatic acids, essential oils, long-chain fatty acids, alcohols, diesters, phenolics, carbonyls, unsaturated hydrocarbons, dioxolanes, among other components.



EU MRL
COMPLIA
NT

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USP:

- Stimulates and enhances the metabolic activity of plants
- Improves uniformity in fruit size and shape, and reduces defects
- Increases the ability to withstand biotic and abiotic stress

Dose : 2 -3 ml / litre

Packing : 100ml / 250ml /
500ml / 1000ml

SANJIVNI PLUS

Sanjivni Plus is a compost fertiliser enhances that the nutrient content of compost and it aids in the decomposition process, thereby increasing efficiency and assisting in the restoration of degraded soil.



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USP:

- Slow release Bio NPK
- Wilt / Nematode managment
- Solubilization and fixation nutrients
- Better root development
- Effective soil management

Dose : 1:10, 1:20 (Sanjivni Plus : Compost) | Packing : 4kg



MICROLIFE

MicroLife is amino acid fortified slow release micronutrient granules.

The slow release mechanism ensures a steady supply of micronutrients over time, enhancing plant health and growth.

Packing: 1kg, 5kg Bag / 10kg Bucket

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HUMIPLEX

Humiplex is a potent source of humic acid, showcasing physical, chemical, and biological effects on the soil.

USP:

- High cation-exchange capacities
- Improves the structure of soil.
- Regulates the PH
- Stimulates plant enzymes
- Increases water holding capacity

Dose : 3ml / litre

Packing : 500ml / 1000ml

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GREEN GOLD

Green Gold is an NPOP Approved biostimulant with plant growth promotion property

USP:

- Slow release pellet
- Enhances plant growth
- Increases flowering and fruiting

Dose : 10kg / acre

Packing : 5kg

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PEST MANAGEMENT

-
- SHASTRA
 - TRICO V
 - SUDO M
 - bAV b

SHAstra

Shastra has neem-based azadirachtin, which provides natural pest control and reduces the need for synthetic pesticides. It is effective against various pests, safe for humans and beneficial insects, and offers a natural solution for pest management.



Azadirachtin % available:

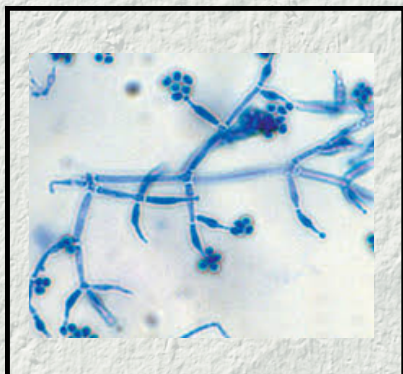
- 1500ppm / 0.15%
- 10,000ppm / 1%

Dose: 2-3ml / L, Packing-100ml / 250ml / 500ml / 1000ml

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TRICO V

Trichoderma benefits by controlling pests through its antifungal properties, promoting plant growth, and enhancing soil health. It suppresses pathogens by outcompeting them for resources, producing enzymes that degrade their cell walls, and inducing plant defense mechanisms.



Dose: 2kg / acre, Packing- 1kg

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SUDO M

Pseudomonas (F) benefits by producing antibiotics and enzymes that inhibit pests and pathogens, and inducing plant systemic resistance.



Dose: 2kg / acre, Packing- 1kg

BAV B

Beauveria bassiana benefits by acting as a biocontrol agent against various insect pests. It infects and kills pests through spore attachment and germination, reducing pest populations naturally.



Dose: 2kg / acre, Packing- 1kg

NEW PRODUCTS

- AUSTIN
- FRUITEX
- ORUM
- N GAURD CP



AUSTIN

Austin is a specialized slow release granulated soil conditioner designed to adjust the pH levels of acidic soils

It is an essential product for farmers seeking optimal soil health and plant growth.

Packing: 1kg / 50kg Bag

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FRUITEX

Fruitex is sulphur based , NPOP-approved formulation for plant biotic stress management

Foliar applications are recommended for managing fungal-based stress like mildew and others.

Dose: 2-3ml / L, Packing-100ml / 250ml / 500ml / 1000ml

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ORUM

Orum is a plant essential oil-based organic formulation engineered to tackle deterrents, effectively controlling sucking pests.

This environmentally friendly product harnesses the natural properties of essential oils to provide a safe and sustainable alternative for pest deterrents.

Dose: 2-3ml / L, Packing-100ml / 250ml / 500ml / 1000ml

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N GUARD CP

N Guard is a cold-pressed neem oil renowned for its effectiveness in pest control.

Its bioactive compounds, including natural azadirachtin, disrupt the life cycle of insects, serving as an insect repellent, growth regulator, and anti-feedant.

Dose: 2-3ml / L, Packing-100ml / 250ml / 500ml / 1000ml

PLANT NUTRIENTS

- FOSOM
- ORTHOPLUS
- NUTRIRICH

- XIDE
- MICROCHILL

FOSOM

FOSOM, Phosphate Rich Organic Manure (PROM) is derived from organic sources, which is particularly rich in phosphorus, an essential nutrient for plant growth

USP:

- Slow and steady release of Phosphorus
- Improves the structure of soil
- Enhances microbial activity

Packing : 10kg Bucket / 40kg Bag



ORTHOPLUS

ORTHOPLUS, Potash Rich Organic Manure is derived from organic sources, which is particularly rich in potash, an essential nutrient for plant growth.

USP:

- Slow release nutrients
- Enhances root formation
- Increases flowering and fruiting

Packing : 10kg Bucket / 50kg Bag

NUTRIRICH

NUTRIRICH, Bio-Fortified Organic Manure is derived from organic sources, which is rich in essential nutrients like phosphorus, potash and nitrogen.

USP:

- Slow and steady release of nutrients
- Improves the structure of soil
- Enhances microbial activity

Packing : 10kg Bucket / 5kg Bag





XIDE

Xide is a premium organic manure designed to enhance soil health and fertility.

Key features include:
High Organic Matter
Soil Management

Packing: 50 kg Bag

MICROCHILL

Microchill is chelated micronutrient liquid. The essential trace elements bound to organic molecules, improving their stability and availability to plants, playing a crucial role in enhancing plant growth and development.



USP:

- Improved plant health
- Enhanced absorption
- Efficient utilization

Mode of Application:

- Foliar
- Drip
- Canal

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Dose : 2ml / litre, | Packing : 100ml / 250ml / 500ml / 1000ml

WHY ARE NUTRIENTS ESSENTIAL?

Soil nutrients are vital for plant growth, food production, soil health, and environmental sustainability. They support plant physiological processes, enhance crop yields, maintain soil structure, and reduce the need for chemical fertilizers.



WATER CONSERVATION WASTE DECOMPOSITION

-
- HYDROLOC
 - CALCUS





CALCUS

Calcus is made from series of useful microbial & fungal culture which disintegrate and breakdown organic waste (farm , animal , forest and food waste) by aerobic process , into compost in 4-6 weeks.

Dose: 1kg / 2MT (Calcus / Waste)
Packing: 100gm / 1kg

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HYDROLOC

This liquid formulation enhances soil water holding capacity, making it an easy and cost-effective solution for improving soil health. It is approved by **NPOP**, ensuring compliance with organic farming standards.



WHY IS SOIL WATER RETENTION IMPORTANT?

Soil water content retention is crucial for plant health and agricultural productivity. It ensures plants have a consistent water supply, reducing drought stress and promoting steady growth.

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Dose : 10ml / litre | Packing : 500ml

WHY IS COMPOSTING IMPORTANT?

Composting is a vital process for sustainable waste management and environmental health. It transforms organic waste into nutrient-rich compost, benefiting soil and plant growth. Key benefits include nutrient recycling and waste decomposition.



A large, vibrant red apple is positioned on the right side of the frame, resting on a weathered wooden log. The background is a soft-focus landscape of rolling hills and fields, bathed in the warm, golden light of a low sun, creating a misty and serene atmosphere.

BIO FERTILISER

- NITROGEN FIXING BACTERIA
- PHOSPHATE SOLUBILIZER
- POTASH SOLUBILIZER
- NPK CONSORTIA
- ZINC SOLUBILIZER BACTERIA
- SULPHUR SOLUBILIZER BACTERIA

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BIOPOT

Potassium
solubilizing bacteria

Available in powder
and liquid formulation

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BIOPHOS

Phosphate
solubilizing bacteria

Available in powder
and liquid formulation

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NITROLUM

Nitrogen fixing
bacteria, Azospirillum

Available in liquid and
powder formulation

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AMAZE

NPK consortia

Available in liquid
formulation

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NITROAZA

Nitrogen fixing
bacteria, Azotobacter

Available in liquid and
powder formulation

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NITROBIUM

Nitrogen fixing
bacteria, Rhizobium

Available in liquid and
powder formulation

PACKING: 100ML / 500ML / 1000ML (FOR LIQUID)

**ZINC & SULPHUR SOLUBILIZER BACTERIA AND
ROOTOX (VAM) ALSO AVAILABLE**

NEEM FORMULATION

- NIMTIR
- SLOWNIM
- NEEM KAWACH

NIMTIR

Nimtir is an ideal solution for sustainable pest management and soil enhancement, promoting healthy, pest-free crops.

USP:

- Water soluble, neem seed powder
- High azadirachtin
- Effective deterrent and anti-feedant
- Basal/ Foliar application

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Dose: 10gm-20gm / Litre

Packing : 1kg Bag / 40kg Bag



NEEM KAWACH

Neem Kawach is a high oil neem cake in powder form. It enhances soil fertility, provides essential nutrients, and acts as a natural pest repellent.

Ideal for organic farming, it supports sustainable agriculture by improving soil health and protecting crops from pests.

Dose: 50kg / acre

Packing : 50kg Bag

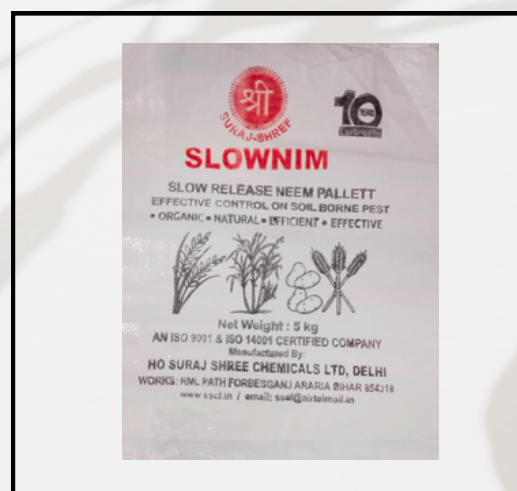


SLOWNIM

Slownim is a neem pellet product designed for free-flowing, slow-release delivery of neem goodness.

It gradually releases essential nutrients and neem compounds- Azadirachtin, improving soil health and offering long-lasting pest control.

Packing : 5kg Bag





PHEROMONE TRAPS

**SPOTTED
BOLLWORM
(EARIAS SPS)**

Crop: Cotton

Effective Trap: Funnel

**AMERICAN
BOLLWORM
(HELICOVERPA
ARMIGERA)**

Crop: Cotton,
Tomato, Chilli,
Sorghum, Pigeon Pea

Effective Trap: Funnel

**TOMATO LEAF
MINER (TUTA
ABSOLUTA)**

Crop: Tomato

Effective Trap: Funnel

**COCONUT
RHINOCEROS
BEETLE
(ORYCTES
RHINOCEROS
(L))**

Crop: Coconut

Effective Trap: Bucket



**CITRUS LEAF
MINER
(PHYLLO-
CNISTIS
CITRELLA)**

Crop: Lime, Citrus,
Orange

Effective Trap: Delta

**DIAMOND BACK
MOTH
(PLUTELLA
XYLOSTELLA)**

Crop: Broccoli,
Cabbage, Mustard,
Cauliflower, Turnip,
Raddish

Effective Trap: Delta

**MELON FLY
(BACTROCERA
CUCURBITAE)**

Crop: Bottle Guard,
Bitter Guard, Ridge
Guard, Cucumber

Effective Trap: Box
Trap

**PINK
BOLLWORM
(PECTINOPHORA
GOSSYPIELLA)**

Crop: Cotton

Effective Trap: Funnel

**RICE YELLOW
STEM BORER
(SCIRPOPHAGA
INCERTULAS)**

Crop: Paddy

Effective Trap: Funnel

**GROUND NUT
LEAF MINER
(APROAEREMA
MODICELLA)**

Crop: Ground nut,
Soya

Effective Trap: Delta

**SUGARCANE
EARLY
SHOOT BORER**

Crop: Sugarcane,
Sorghum, Millet

Effective Trap: Water
Pan

**FRUITS FLY
(BACTROCERA
DORSALIS)**

Crop: Mango

Effective Trap: Box



**SUGARCANE
TOP SHOOT
AND
INTERNODE
BORER**

*Scirpophaga Excerptalis /
Chilosacchariphagus
Indicus*

Crop: Sugarcane

Effective Trap: Delta

**STALK BORER
(CHILO
AURICILIUS)**

Crop: Sugarcane

Effective Trap: Water
Pan

**MAIZE FALL
ARMY WORM
(SPODOPTERA
FRUGIPERDA)**

Crop: Maize

Effective Trap: Funnel

**BRINJAL FRUIT
SHOOT BORER
(LEUCINODES
ORBONALIS)**

Crop: Brinjal

Effective Trap: Funnel

HYGIENE & SANITATION

- ODC RL
- ODC 50





Packing: 1000ml

ODC RL

ODC-RL is derived from organic sources and serves as an aromatic, fragrant-based disinfectant, sanitizer, and odor masking agent. Unlike microbial cultures, it is suitable for year-round use and remains unaffected by adverse weather conditions.

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ODC 50

ODC 50 is an organic solution for sanitizing and eliminating foul odor. It is anti-microbial, reducing pathogens like E. Coli, Salmonella, and Staphylococcus.

It decreases fly and insect populations, improves air and water emissions, and helps meet environmental industry standards.



Packing : 100ml / 500ml / 1000ml

Recommended for:

- Landfills
- Waste disposal plants
- Sewage treatment plants
- Public facilities like hospitals, hotels, and restaurants.
- Incineration plants

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WHY IS PUBLIC SANITATION IMPORTANT?

Public sanitation is vital for preventing diseases, promoting hygiene, protecting the environment, and fostering economic stability. It ensures clean water, safe waste disposal, and reduces illness-related absences.



ANIMAL FEED

- CATTLE FEED
- POULTRY FEED
- FISH FEED
- SWINE FEED



www.shaktifeed.com

M/S TECHNOCRATES

M/s Technocrates was established in 2015 in Forbesganj, Bihar with an aim to provide high quality organic animal feed and curb the feed shortage in the economy.

Starting the journey with poultry feed, Technocrates has diversified into cattle, fish, goat and pig feed under the umbrella SHAKTI FEED.

WHY US?

We provide cattle feed products that prioritize hygiene and safety for livestock. Our offerings are crafted from premium-grade raw materials, ensuring optimal quality.

- **BIS Certified** cattle feed
- Improves fertility
- Balanced nutrition
- Increases lactation period in cattle



Cattle



Poultry



Aqua



Swine





SURAJ SHREE CHEMICALS LIMITED

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