

ORGANIC NUTRITION TECHNOLOGY • COMPOST & MANURE SKILL DEVELOPMENT



NTHRYS
OPC PVT LTD



Organic Fertilizers & Manures Industrial Manufacturing Training Programs

A complete industrial catalogue of hands-on organic-input production training modules — from bulky manures to enriched granular fertilizers.

66

PROGRAMS

10

CATEGORIES

2026

EDITION

Program Categories at a Glance

This catalogue lists every organic fertilizer, manure and allied organic input our training programs are equipped to manufacture and teach, organised into 10 technology streams. Each program carries a unique product code for easy reference, enrolment and certification.

STREAM	CATEGORY FOCUS	DESCRIPTION	COUNT
NOF-BM	Bulky Organic Manures	FYM, compost & farm-derived bulky manure production	7
NOF-VC	Vermicompost & Vermiculture	Earthworm rearing, vermicompost & vermiwash	6
NOF-OC	Oil-Cake Manures	De-oiled seed-cake manure processing & blending	8
NOF-AB	Animal By-Product Manures	Bone, blood, fish & keratin manure manufacture	7
NOF-AI	Agro-Industrial By-Product Manures	Press mud, coir, distillery & waste-residue composts	7
NOF-CT	Composting Technologies	Windrow, NADEP, in-vessel & rapid composting methods	7
NOF-EM	Enriched & Fortified Organic Manures	PROM, microbe & micronutrient-fortified manures	6
NOF-GP	Granulated & Pelletized Organic Fertilizers	Granulation, pelletising & slow-release product forms	6
NOF-LF	Liquid Organic Fertilizers	Slurry, hydrolysate & fermented liquid nutrient products	6
NOF-SP	Specialty & Allied Organic Inputs	Growing media, mulches & organic soil conditioners	6
Total training programs			66

HOW TO READ A CODE

NOF – BM – 01

NOF Nthrys Organic-Fertilizer Program BM Category stream 01 Program number

01

CATEGORY • NOF-BM

Bulky Organic Manures

FYM, compost & farm-derived bulky manure production

7

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-BM-01	Farmyard Manure (FYM)	Cattle dung & litter decomposed manure.
NOF-BM-02	Aerobic Compost	Aerobically decomposed organic compost.
NOF-BM-03	Green Manure	In-situ legume green-manure production.
NOF-BM-04	Leaf Mould / Forest Compost	Leaf-litter humus manure.
NOF-BM-05	Sheep & Goat Manure	Penning & pelletised small-ruminant manure.
NOF-BM-06	Spent Mushroom Compost	Post-harvest mushroom-substrate manure.
NOF-BM-07	Cattle-Shed Slurry Compost	Dung-slurry composted manure.

02

CATEGORY • NOF-VC

Vermicompost & Vermiculture

Earthworm rearing, vermicompost & vermiwash

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-VC-01	Vermicompost Production	Earthworm-processed organic compost.
NOF-VC-02	Earthworm Rearing & Breeding	Eisenia / Eudrilus culture & multiplication.
NOF-VC-03	Vermiwash	Liquid worm-bed leachate biostimulant.
NOF-VC-04	Microbe-Enriched Vermicompost	Biofertilizer-fortified vermicompost.
NOF-VC-05	Vermicompost Granules	Sieved & granulated vermicompost.
NOF-VC-06	Vermibed / Windrow Setup	Production-bed design & management.

03

CATEGORY • NOF-OC

Oil-Cake Manures

De-oiled seed-cake manure processing & blending

8

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-OC-01	Neem Cake	De-oiled neem-seed manure & nitrification check.
NOF-OC-02	Castor Cake	De-oiled castor manure.
NOF-OC-03	Karanja (Pongamia) Cake	De-oiled pongamia manure.
NOF-OC-04	Mustard Cake	De-oiled mustard manure.
NOF-OC-05	Groundnut Cake	Protein-rich groundnut manure.
NOF-OC-06	Cottonseed Cake	De-oiled cottonseed manure.
NOF-OC-07	Mahua Cake	De-oiled mahua manure.
NOF-OC-08	Sesame / Til Cake	De-oiled sesame manure.

04

CATEGORY • NOF-AB

Animal By-Product Manures

Bone, blood, fish & keratin manure manufacture

7

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-AB-01	Raw Bone Meal	Ground-bone phosphorus manure.
NOF-AB-02	Steamed Bone Meal	Steam-processed bone manure.
NOF-AB-03	Blood Meal	Dried-blood nitrogen manure.
NOF-AB-04	Fish Meal	Dried-fish protein manure.
NOF-AB-05	Meat & Bone Meal	Rendered meat-bone manure.
NOF-AB-06	Horn & Hoof Meal	Slow-release keratin nitrogen manure.
NOF-AB-07	Fish Hydrolysate / Amino	Enzyme-hydrolysed fish liquid manure.

05

CATEGORY • NOF-AI

Agro-Industrial By-Product Manures

Press mud, coir, distillery & waste-residue composts

7

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-AI-01	Press Mud / Filter Cake	Sugar-mill filter-cake compost.
NOF-AI-02	Coir Pith Compost	Decomposed coir-pith manure.
NOF-AI-03	Bagasse Compost	Sugarcane-bagasse compost.
NOF-AI-04	Distillery Spent-Wash Compost	Bio-composted distillery effluent.
NOF-AI-05	Paddy Straw / Husk Compost	Rice-residue compost.
NOF-AI-06	Processed Poultry Manure	Dried & pelletised poultry manure.
NOF-AI-07	City / MSW Compost	Municipal solid-waste compost.

06

CATEGORY • NOF-CT

Composting Technologies

Windrow, NADEP, in-vessel & rapid composting methods

7

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-CT-01	Aerobic Windrow Composting	Open-windrow turning method.
NOF-CT-02	NADEP Composting	Brick-tank NADEP method.
NOF-CT-03	Indore / Bangalore Method	Pit-layering composting.
NOF-CT-04	In-Vessel Composting	Enclosed-reactor composting.
NOF-CT-05	Rapid (Berkeley) Composting	18-day high-temperature method.
NOF-CT-06	Microbial-Accelerated Composting	Inoculant-boosted composting.
NOF-CT-07	Substrate / Coco-Peat Composting	Growing-media composting.

07

CATEGORY • NOF-EM

Enriched & Fortified Organic Manures

PROM, microbe & micronutrient-fortified manures

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-EM-01	Phosphate-Rich Organic Manure (PROM)	Rock-phosphate enriched compost.
NOF-EM-02	Potash-Enriched Organic Manure	Potassium-fortified organic manure.
NOF-EM-03	Microbe-Enriched Compost	Biofertilizer-inoculated compost.
NOF-EM-04	Micronutrient-Enriched Manure	Zn / Fe / B-fortified manure.
NOF-EM-05	Humic-Enriched Manure	Lignite / humic-fortified manure.
NOF-EM-06	Organic NPK Blend	Balanced fortified organic NPK.

08

CATEGORY • NOF-GP

Granulated & Pelletized Organic Fertilizers

Granulation, pelletising & slow-release product forms

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-GP-01	Granulated Compost	Sieved & granulated compost product.
NOF-GP-02	Pelletized Poultry Manure	Dried-pellet poultry fertilizer.
NOF-GP-03	Pelletized Vermicompost	Compacted vermicompost pellets.
NOF-GP-04	Organic NPK Granules	Granular fortified organic NPK.
NOF-GP-05	Tablet / Briquette Manure	Pressed organic tablets & briquettes.
NOF-GP-06	Coated / Slow-Release Granule	Controlled-release organic granule.

09

CATEGORY • NOF-LF

Liquid Organic Fertilizers

Slurry, hydrolysate & fermented liquid nutrient products

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-LF-01	Liquid Organic Manure	Slurry-based liquid fertilizer.
NOF-LF-02	Fish Amino Acid (FAA)	Fermented fish liquid fertilizer.
NOF-LF-03	Vermiwash Concentrate	Standardised vermiwash product.
NOF-LF-04	Compost Tea	Aerated compost extract.
NOF-LF-05	Liquid Organic NPK	Balanced liquid organic nutrient.
NOF-LF-06	Fermented Fruit / Plant Juice	FPJ / FFJ fermented organic input.

10

CATEGORY • NOF-SP

Specialty & Allied Organic Inputs

Growing media, mulches & organic soil conditioners

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NOF-SP-01	Potting Mix / Growing Media	Compost-based potting substrate.
NOF-SP-02	Soil-Less Media (Cocopeat Mix)	Coir-perlite soil-less mix.
NOF-SP-03	Organic Mulch	Shredded organic mulch product.
NOF-SP-04	Seedling Nursery Mix	Pro-tray nursery medium.
NOF-SP-05	Organic Soil Conditioner	Humus-building soil amendment.
NOF-SP-06	Biochar-Compost Blend	Biochar-enriched organic blend.

ENROL • COMPOST • PRODUCE

Build a Career in Organic Fertilizer Manufacturing

Every program in this catalogue is delivered as hands-on training on working production yards and equipment — covering raw-material handling, decomposition & composting, vermiculture, enrichment, granulation, drying & curing, formulation, quality control, FCO compliance, packaging and marketing. Mix and match programs to design a track that fits your goals.

66 training programs

10 technology streams

Unique **product code** for every module

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