

AQUACULTURE TECHNOLOGY • PROBIOTIC & WATER-QUALITY SKILL DEVELOPMENT



NTHRYS
OPC PVT LTD



**Aquaculture Probiotics &
Water-Quality Bioproducts
Industrial Manufacturing
Training Programs**

A complete industrial catalogue of hands-on aquaculture bioproduct training modules — from gut probiotics to pond water-quality cultures.

59

PROGRAMS

10

CATEGORIES

2026

EDITION

Program Categories at a Glance

This catalogue lists every aquaculture probiotic, water-quality and bioproduct 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
NAQ-GP	Aqua Feed & Gut Probiotics	Gut-health probiotic culture for fish & shrimp	6
NAQ-WQ	Water-Quality & Pond Probiotics	Sludge, ammonia & H2S bioremediation cultures	7
NAQ-NC	Nitrifying & Nitrogen-Cycle Cultures	Nitrifier, denitrifier & biofilter seed cultures	5
NAQ-BF	Biofloc Technology Inputs	Floc-starter, carbon-source & booster production	5
NAQ-PA	Photosynthetic & Microalgal Bioproducts	PSB, green-water & microalgae culture production	6
NAQ-LF	Live Feed Cultures	Artemia, rotifer & zooplankton hatchery rearing	6
NAQ-IM	Immunostimulants & Disease-Control Bioproducts	Beta-glucan, phage & biocontrol product manufacture	6
NAQ-FA	Aqua Feed Additives & Supplements	Enzyme, attractant, pigment & premix production	6
NAQ-MC	Soil, Mineral & Water Conditioners	Pond soil, zeolite, lime & mineral treatments	6
NAQ-FT	Formulation & Delivery Technology	Liquid, powder, encapsulated & slow-release formats	6
Total training programs			59

HOW TO READ A CODE

NAQ – GP – 01

NAQ Nthrys Aquaculture Program GP Category stream 01 Program number

01

CATEGORY • NAQ-GP

Aqua Feed & Gut Probiotics

Gut-health probiotic culture for fish & shrimp

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-GP-01	Bacillus subtilis (Aqua)	Gut-health spore probiotic.
NAQ-GP-02	Bacillus licheniformis	Digestion-supporting probiotic.
NAQ-GP-03	Lactobacillus (Aqua)	Gut-acidifying LAB probiotic.
NAQ-GP-04	Saccharomyces (Aqua Yeast)	Immune & gut feed yeast.
NAQ-GP-05	Multi-Strain Gut Probiotic	Combined aqua feed probiotic.
NAQ-GP-06	Spore Probiotic Concentrate	High-CFU feed-mix probiotic.

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-WQ-01	Pond Bottom Cleaner	Sludge-degrading Bacillus consortium.
NAQ-WQ-02	Organic-Matter Degradar	Detritus-decomposing culture.
NAQ-WQ-03	Ammonia Reducer	Heterotrophic ammonia-control culture.
NAQ-WQ-04	H ₂ S Reducer	Hydrogen-sulphide-controlling culture.
NAQ-WQ-05	Water-Clarity Probiotic	Turbidity & algae-balance culture.
NAQ-WQ-06	Bioremediation Consortium	Multi-strain pond bioremediator.
NAQ-WQ-07	Effluent / Discharge Treatment	Aqua-effluent treatment culture.

03

CATEGORY • NAQ-NC

Nitrifying & Nitrogen-Cycle Cultures

Nitrifier, denitrifier & biofilter seed cultures

5

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-NC-01	Nitrosomonas Culture	Ammonia-oxidising nitrifier.
NAQ-NC-02	Nitrobacter Culture	Nitrite-oxidising nitrifier.
NAQ-NC-03	Combined Nitrifier Consortium	Two-stage nitrification culture.
NAQ-NC-04	Denitrifier Culture	Nitrate-removal culture.
NAQ-NC-05	Biofilter Start-Up Culture	RAS biofilter seeding culture.

04

CATEGORY • NAQ-BF

Biofloc Technology Inputs

Floc-starter, carbon-source & booster production

5

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-BF-01	Biofloc Starter Culture	Floc-initiation microbial inoculant.
NAQ-BF-02	Floc-Promoting Bacteria	Heterotroph floc-forming culture.
NAQ-BF-03	Carbon-Source Blend	Molasses-based floc carbon input.
NAQ-BF-04	Biofloc Probiotic Booster	Floc-stabilising probiotic.
NAQ-BF-05	Biofloc Mineral Mix	Floc pH & mineral balancer.

05

CATEGORY • NAQ-PA

Photosynthetic & Microalgal Bioproducts

PSB, green-water & microalgae culture production

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-PA-01	Photosynthetic Bacteria (PSB)	Rhodopseudomonas water culture.
NAQ-PA-02	Chlorella Culture	Green-water microalgal culture.
NAQ-PA-03	Nannochloropsis Culture	Marine hatchery microalga.
NAQ-PA-04	Spirulina (Aqua Feed)	Pigment & protein feed alga.
NAQ-PA-05	Diatom Culture	Benthic-feed diatom culture.
NAQ-PA-06	Green-Water Concentrate	Concentrated algal pond input.

06

CATEGORY • NAQ-LF

Live Feed Cultures

Artemia, rotifer & zooplankton hatchery rearing

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-LF-01	Artemia (Brine Shrimp)	Cyst hatching & enrichment culture.
NAQ-LF-02	Rotifer (Brachionus)	Larval live-feed rotifer culture.
NAQ-LF-03	Moina / Daphnia	Freshwater zooplankton culture.
NAQ-LF-04	Copepod Culture	Marine larval copepod culture.
NAQ-LF-05	Microalgae for Live Feed	Live-feed enrichment microalgae.
NAQ-LF-06	Tubifex / Bloodworm	Benthic live-feed culture.

07

CATEGORY • NAQ-IM

Immunostimulants & Disease-Control Bioproducts

Beta-glucan, phage & biocontrol product manufacture

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-IM-01	Beta-Glucan Immunostimulant	Immune-priming feed additive.
NAQ-IM-02	Yeast Cell Wall (MOS)	Gut & immune support fraction.
NAQ-IM-03	Anti-Vibrio Probiotic	Pathogen-antagonist Bacillus.
NAQ-IM-04	Bacteriophage Product	Targeted anti-bacterial phage.
NAQ-IM-05	Herbal Immunostimulant	Polyherbal disease-resistance blend.
NAQ-IM-06	Vitamin C Stress-Pack	Anti-stress immune supplement.

08

CATEGORY • NAQ-FA

Aqua Feed Additives & Supplements

Enzyme, attractant, pigment & premix production

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-FA-01	Aqua Feed Enzyme	Digestibility-enhancing enzyme.
NAQ-FA-02	Feeding Attractant / Stimulant	Palatability & intake enhancer.
NAQ-FA-03	Aqua Vitamin-Mineral Premix	Balanced aqua nutrient premix.
NAQ-FA-04	Astaxanthin / Pigment	Shrimp & salmon colour enhancer.
NAQ-FA-05	Toxin Binder (Aqua)	Mycotoxin & ammonia binder.
NAQ-FA-06	Aqua Organic Acid	Gut-acidifying feed additive.

09

CATEGORY • NAQ-MC

Soil, Mineral & Water Conditioners

Pond soil, zeolite, lime & mineral treatments

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-MC-01	Pond Soil Probiotic	Bottom-soil conditioning culture.
NAQ-MC-02	Zeolite Water Conditioner	Ammonia-adsorbing mineral.
NAQ-MC-03	Lime / pH Conditioner	Pond alkalinity & pH corrector.
NAQ-MC-04	Mineral / Trace-Element Mix	Pond mineral supplement.
NAQ-MC-05	Oxygen-Release Compound	Emergency pond oxygen product.
NAQ-MC-06	Probiotic-Mineral Blend	Combined conditioner-probiotic.

10

CATEGORY • NAQ-FT

Formulation & Delivery Technology

Liquid, powder, encapsulated & slow-release formats

6

PROGRAMS

CODE	TRAINING PROGRAM	DESCRIPTION
NAQ-FT-01	Liquid Pond Probiotic	Ready-to-dose liquid product.
NAQ-FT-02	Powder / Granular Product	Broadcast-grade pond powder.
NAQ-FT-03	Spray-Dried Culture	Stabilised dried-culture powder.
NAQ-FT-04	Encapsulated Probiotic	Protected feed-coat probiotic.
NAQ-FT-05	Slow-Release Pond Ball / Tablet	Sustained-release pond product.
NAQ-FT-06	Concentrated Probiotic Brew	On-farm activation concentrate.

ENROL • CULTURE • SUSTAIN

Build a Career in Aquaculture Bioproducts

Every program in this catalogue is delivered as hands-on training on working fermentation, hatchery and processing equipment — covering strain handling, mother & bulk culture, fermentation, live-feed & microalgae rearing, drying & formulation, potency & viability QC, packaging and aqua-safety compliance. Mix and match programs to design a track that fits your goals.

59 training programs

10 technology streams

Unique **product code** for every module

NTHRYS OPC PVT LTD

+91-8977624748

smo@nthrys.com

www.nthrys.com