


**INNOVATIVE
SOLUTIONS**
FOR AGRICULTURE
AND INDUSTRY





Nando is a leading manufacturer of specialty agricultural inputs. Established in 2007, within one of the largest R&D centers in Northern Europe, Nando is developing surfactants, microbial and manure treatment products. Nando products are already available in 15 different countries across Europe and Asia.

In partnerships with research institutes and universities across Europe and Asia, Nando has developed a comprehensive portfolio of 50+ products across the following categories:

- Adjuvants ranging from wetting agents to anti-drift solutions
- Microbial biostimulation and residue decomposition products
- Manure and wastewater treatment solutions

Nando is committed to improving the sustainability of agriculture via ecological solutions which are applicable and cost-efficient in both ecological and traditional, intensive farming.

OUR CERTIFICATES:



Product suitable for use in Organic Farming in accordance with Regulations (EU) No 2018/848. Control ECOCERT SA F – 32600.

ISO 9001

ISO 14001

ISO 45001

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ADJUVANTS FOR AGRICULTURE

Adjuvants are used in agriculture as additives to crop protection tank mix solutions.

The key function of adjuvants is to increase the surface cover area and penetration of herbicides, inhibitors, insecticides, and other pesticides, as well as to improve their effectiveness when applied under adverse conditions. The efficacy of adjuvants is determined by active ingredients. The adjuvants are mostly non-ionic and silicon-based. When adjuvants are mixed into a solution, the surface tension of sprayed droplets is reduced, thus covering the foliage area more thoroughly, improving the solution's "stickiness" and preventing runoff. As a result, the plants are covered with solution more effectively and pesticide application efficiency is increased.

PRODUCT BENEFITS

- Increasing efficiency of agricultural pesticide use
- Adding rainfastness to applied pesticides
- Defoaming of spraying solutions
- Reducing wind drift
- Setting optimal pH for maximum pesticide efficacy
- Water savings of up to 30% during spraying
- Eliminating solution incompatibility and harmful residues





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MICROBIAL PRODUCTS FOR AGRICULTURE

Intensive farming can cause soil degradation and the resulting disbalance of the soil microflora's metabolism may adversely affect crop yields and quality. The natural microflora could replenish on its own in about a few years after the crop cultivation has ceased, however, this creates an unfavorable economic setback. Therefore, microorganisms which provide nitrogen fixation and phosphate solubilization, break-down of macrolelements, and decomposition of organic matter should be used as a sustainable alternative. Microbial products can be used in agriculture in versatile ways - they can be applied directly to the soil or integrated with fertilizers or seeds.

PRODUCT BENEFITS

- Reducing NPK fertilizer application
- Improving soil structure
- Restoring soil biological activity
- Post-harvest plant residue decomposition
- Enhancing seed sprouting energy
- Seed protection from soilborne pathogens
- Stimulating root development and plant growth
- Amplifying resistance to drought and other adversities
- Increasing soil fertility

MICROBIAL PRODUCTS FOR FERTILIZER PRODUCERS AND SEED BREEDERS

We have developed a technology that allows the integration of fertilizers with microorganisms which perform chemical breakdown of nitrogen, phosphorus, sulfur, and potassium as well as seed coating with microorganisms.



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ANIMAL HUSBANDRY

We develop and manufacture innovative microbial and chemical products enabling our customers to operate economically, socially responsibly, and environmentally friendly.

PRODUCT BENEFITS

- Manure treatment - indoor microclimate improvement, nitrogen preservation, odor control, and composting
- Milking equipment - alkaline and acidic detergents, disinfectants
- Probiotics - feed supplements, organic conversion products
- Bioenergy plants - more effective methane generation, digestate stabilization
- Aquaculture - aquatic ecosystem aeration, nitrogen cycle management



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INDUSTRIAL SECTOR

Our microbiological and chemical products alleviate a range of issues resulting from different manufacturing processes.

PRODUCT BENEFITS

- Gas emissions - unpleasant odor control
- Manufacturing waste and sludge treatment - mitigating unpleasant odors, decomposition of organic matter
- Wastewater treatment - meeting environmental standards (BOD, COD etc.)
- Food industry - detergents, odor control solutions
- Peat producers - wetting agents



„Nando“

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