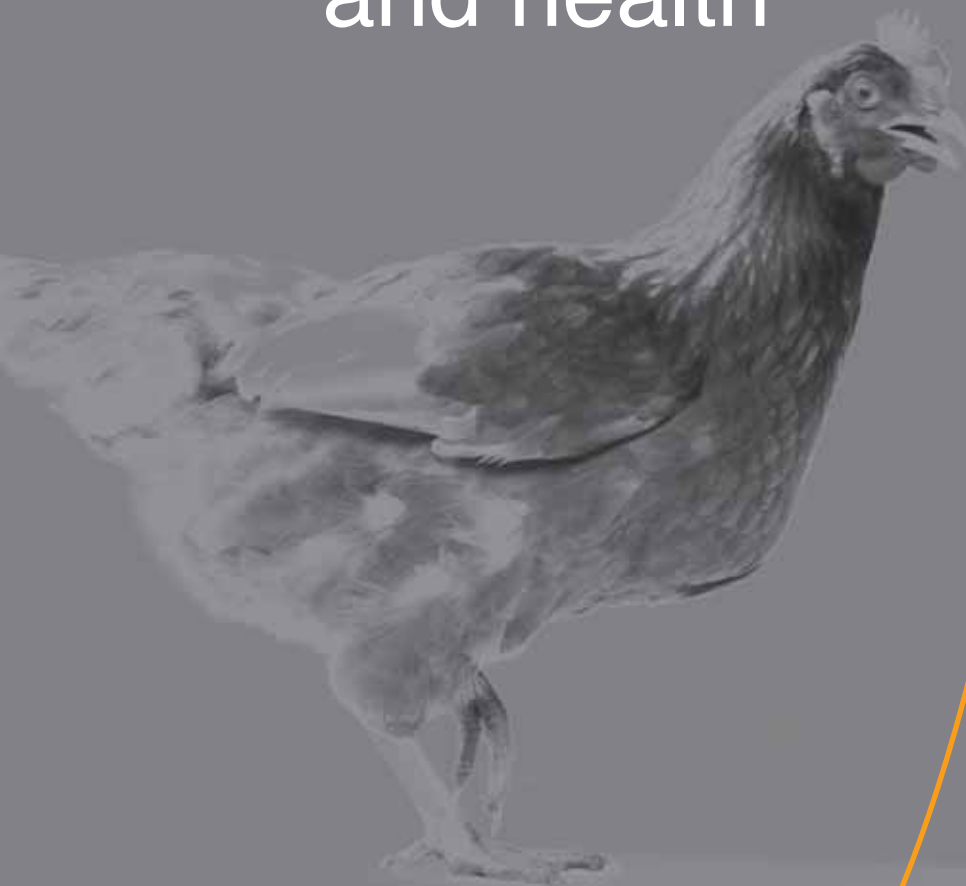




# VITALAC

Expert in nutrition  
and health



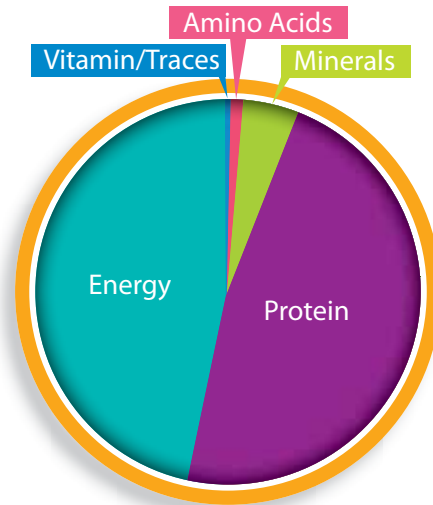
# Vitalac Premix : a tailor made formulation

To the poultry farmers, Vitalac proposes a complete range including a large choice of nutritional solutions adapted to the specific needs of each animals. Micronutrition approach is supporting the essential needs according to the critical farming phases and therefore stimulates the performances and the health.

## → VITALAC - Micronutritional and Nutritional program

Breakdown	Incorporation rate
Premix Traces - Vitamins	0,1-0,8 %
Premix + Amino Acids	1 %
Mineral concentrate	2-5 %
Protein complement	10-40 %
Complete feed [starter, grower, finisher...]	100 %

- Formulation adapted to market reality
- High quality raw materials
- Technical support and on-site formulation
- Adapted to high genetic potential



## → Karno Range: Liquid nutritional complements for each phase



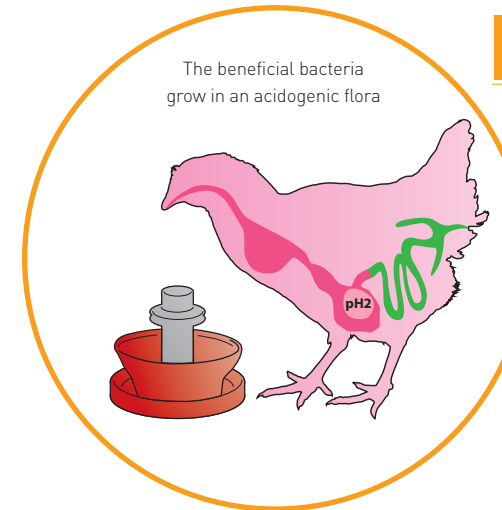
Karno range has been developed by Vitalac to meet the exact needs for the poultry at each production phase. Karno range is based on complex of vitamins, minerals and amino acids.



KARNO Liver	KARNO Grow	KARNO AD3EC	KARNO Lyte	KARNO Selen	KARNO Phos	KARNO Lice	
							Liver
							Growth
							Vaccination support
							Dehydration
							Heat stress
							Stress/immunity
							Growth/reproduction

# Vitacid, the digestive safety

## Acidification plays an essential role



### Benefits

#### Optimization of the natural digestive functions

- Disinfects thanks to the bactericidal action
- Sanitizes water and food
- Stimulates feed consumption
- Improves protein digestibility
- Controls of the intestinal and uro-genital flora
- Increases the absorption of nutriment
- Improves the shell quality



### Results

Acidifiers stimulate the enzymatic functions, allow a better litter quality and a better homogeneity of the animals.

#### Improvement of health and performances

- Decrease of the digestive pathologies
- Decrease of the mortalities
- Improvement of the DWG and the FCR
- Improvement of the homogeneity

#### Assistance in reducing the use of medicines

Reducing the use of antibiotics is a stake in public health (limiting the development of resistance to antibiotics). Acidification is efficient, simple and economic and is one of the best alternative to the use of antibiotics.

## Range of acidifiers / conservatives / treatment

Feed	Drinking water
Digestion	Liquid Vitacid HP Protect
Salmocid (powder/liquid)	
Vitacid Dry	
Fongi Protect	
Mycoprotect	

A complete range to prevent the sanitary disorders and ensure a digestive hygiene : acidifiers, mould inhibitors, toxin binders.





- A dynamic private enterprise **fully independent**
- A strong identity in **Brittany** in the heart of the most intensive animal production area in Europe
- A well-established reputation of **specialist** in animal nutrition and health
- 30 years of expertise in swine nutrition and husbandry
- A **technical task-force** of nutritionists, zootechnicians, veterinarians and biochemists
- **40% of its activities in export markets**

## Poultry range

### Concentrate and complete feed

#### Complementary feed

KARNO Lyte  
KARNO Grow  
KARNO AD3EC  
KARNO Liver  
KARNO Phos  
KARNO Selen  
KARNO Lice

#### Acidifiers, preservatives, treatment

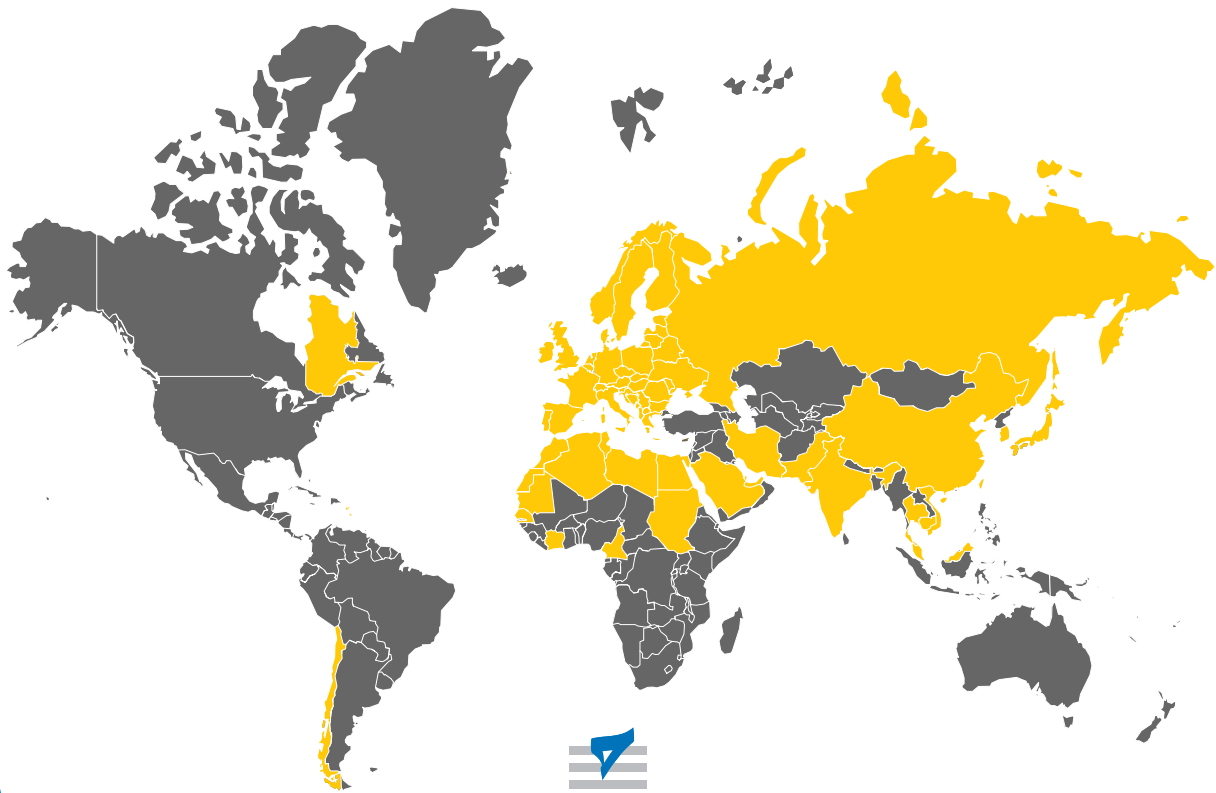
Vitacid liquid HP, Digestion, Mycoprotect

#### Raw materials

#### Services

Audit, training, formulation

#### Technical support for all-inclusive poultry project



VITALAC

48 rue Principale - 22160 Carnoët - France  
Tél : +33 (0)2 96 21 52 78 - Fax : +33 (0)2 96 21 50 61  
contact@vitalac.eu - www.vitalac.eu