

# OvinAlp

Haute fertilisation



# Our premises

## Legend

1. the factory and the buildings
2. the laboratory
3. liquids workshop
4. the photovoltaic roofs
5. the composting platform
6. the apple orchards
7. the test area
8. a flock of sheep
9. a sheep pen
10. fauna and flora
11. pure mountain air



towards Sisteron

0 20 Metres



# OvinAlp

## Haute fertilisation



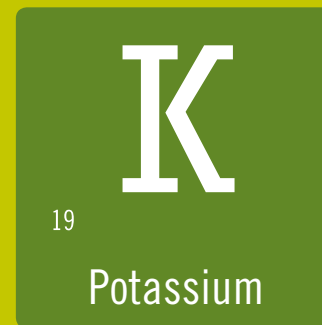
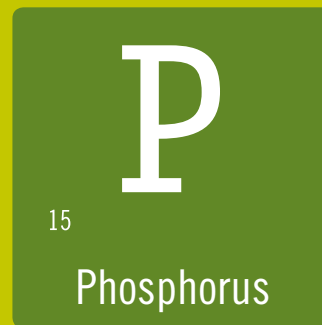
OvinAlp is a French company founded in 1988 by the Giovale family in Ribiers (Haute-Alpes, France). OvinAlp designs and produces professional fertilising solutions: organic amendments, organic and organic-mineral fertilisers, natural liquid stimulants (root organic fertilisers, foliar nutrients and herbal infusions) and soluble fertilisers. Located at the source of its supplies, OvinAlp continues a tradition that dates back several millennia (the use of migon, sheep manure from the Alpes from extensive breeding) to effectively enrich the soil and encourage natural, balanced and effective agricultural practices.

**Today, OvinAlp, a company based on tradition, which has an ultra-modern production unit and a productive Research and Innovation centre, advises on and develops fertilisation solutions for very demanding professionals. It has developed active principals with exceptional properties: Ov and imis®. If large growers, market gardeners, arboriculturists, cereal growers, gardeners, landscapers, greenkeepers, breeders all use and recommend OvinAlp, it can't be by chance!**

*The Giovale family*







Proven fertilisation solutions.

# OvinAlp

Haute fertilisation

## Key figures for the group

### A production company

- 50,000 tons/year of organic and organic-mineral fertilisers
- 400,000 litres/year of organic liquid and leaf fertilisers

### A successful company

Fertilisation, transport, green energy, arboriculture, etc

- 85 employees
- 27 M€ group turnover
- 3 % of the turnover dedicated to Research and Innovation

## Research partners

Equipped with an operational laboratory, OvinAlp's researchers have partnerships with various research organisations, such as INRA, COMIFER, CIVC in Champagne, ARVALIS, CIRAD, the French National Natural History Museum (Ecology and Biodiversity Management department), IRD, the Chemistry Institute in Nice, etc. and many Chambers of Agriculture.

## Standardisation and certification

The first company to be ISO 14001-certified for its composting process and platform, OvinAlp confirms its sustainable development strategy, which aims to improve the fertility of the planted soils and the nutrition of the plants, all while respecting the environment, users and consumers.

OvinAlp is also the first French company to benefit from composting health approval for the production of amendments and organic fertilisers.

Approval number: FR 05 118 106



Process and platform  
certified ISO 14001



NOP



# Discovering OvinAlp

Haute fertilisation

## OvinAlp maintains natural balances

Agriculture is a fine orchestration of natural cycles, which has the connection with the earth at its core. For more than 30 years, OvinAlp has made fertilisation – that cornerstone of working with the soil – its speciality. Through expertise rooted in a unique area – the Alps – it perpetuates and continuously improves a millennia-old tradition: producing an organic and natural, balanced and efficient fertiliser, resulting from the traditional pastoral breeding of sheep.

OvinAlp works with a focus on quality agriculture, by offering products inspired by proven and environmentally-friendly ancestral practices.

## OvinAlp defends precise agriculture

The natural cycles attest to a remarkable harmony. Each plant draws the elements necessary for its growth from the soil, then enriches the same soil when it decomposes. By feeding, during this transitional period, a community of worms and micro-organisms, they become true soil engineers, working in symbiosis and maintaining this virtuous cycle.

## OvinAlp boasts a unique origin and expertise

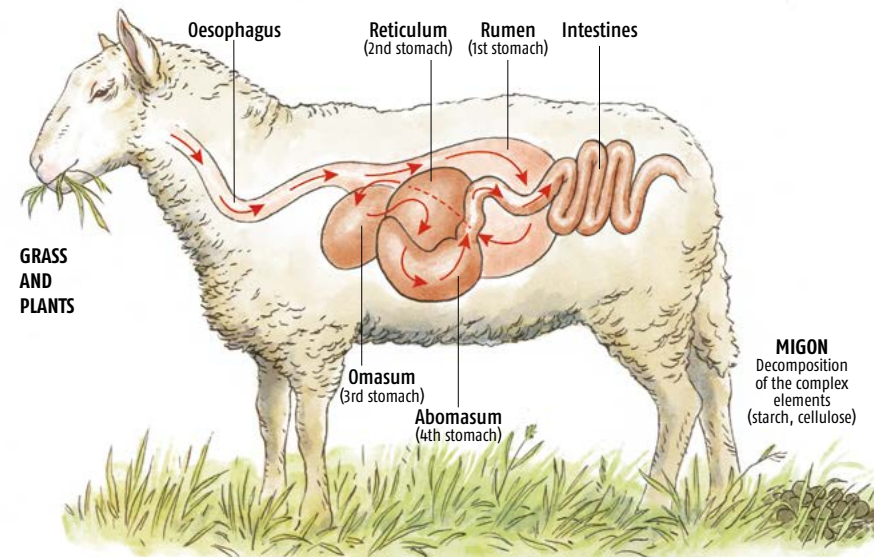
The richness of OvinAlp's products is primarily the result of a very demanding raw material supply. Founded in 1988 in the Haute-Alpes, OvinAlp continues a millenia-old tradition: sheep manure – migon – from extensive breeding in the Alps and, more specifically, from Sisteron lamb. The microbial flora in this manure is exceptionally rich, and, most importantly, occurs naturally.

Always located at the source of its supplies, OvinAlp supports this symbiosis between the fertile land and ancestral human practices.

At the start of the grazing season, OvinAlp leaves for the mountains to collect this precious migon from all its partner sheep pens. It is only with this rich and outstanding raw material that OvinAlp's work can begin.

## Sheep manure, pre-fermented 100% plant matter

Sheep eat plants. Like all ruminants, it is able to digest grass thanks to a long back-and-forth system between the mouth and four stomachs. The result is 100% plant matter, pre-fermented and ready to deliver all of its richness.



# OvinAlp fertilises and protects the soils which will then feed the plants

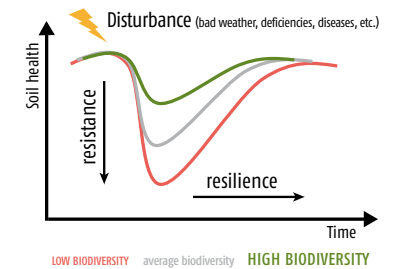
The soil is the planet's reservoir of biological and genetic diversity. Most life on Earth is found in the soil – 75% of the living biomass to be precise. This biodiversity must be preserved and maintained to guarantee the fertility of the soil, the health of the crops and to safeguard the land. In this way, living soils represent a type of organic assurance. Each of these contributors encourages their environment in their own way. The more the soil benefits from a living and rich variety of species the better it can resist to perturbations it has to face (bad weather, deficiencies, disease...).

## Soils that are living, more resistant and more resilient

Soil presents a wealth of life forms and functions associated with them. For example, a single gram of healthy soil can contain:

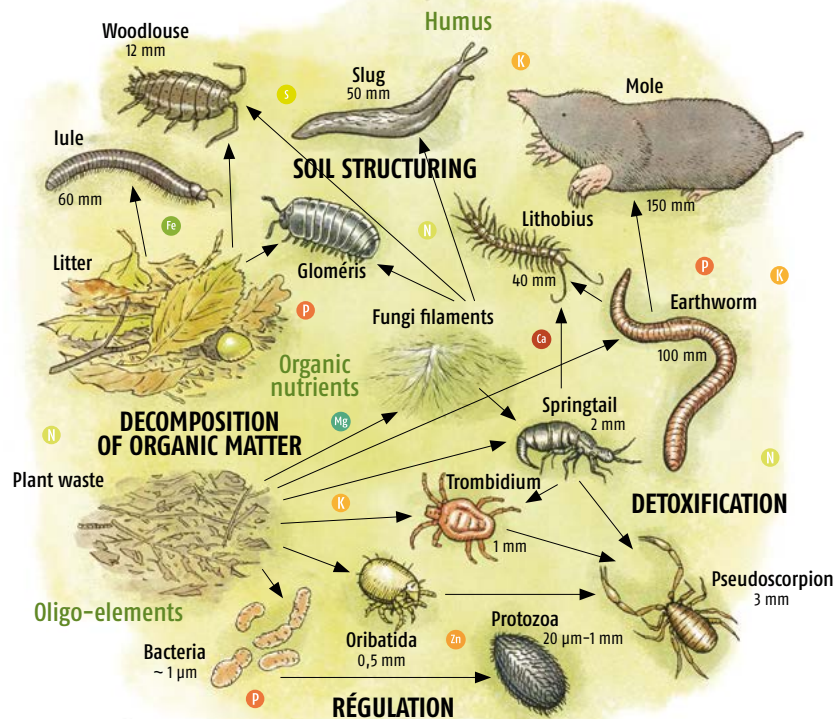
1 billion viruses	100,000 algae
1 billion bacteria	100,000 protozoa
1 million fungi	100 nematodes

## ORGANIC ASSURANCE

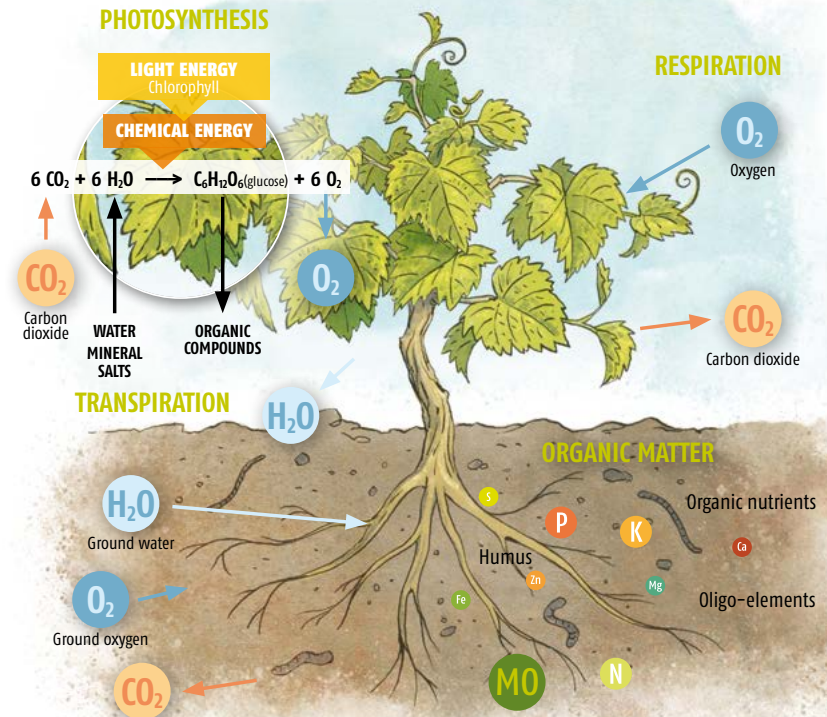


In the case of greater biodiversity (green curve), the soil is less affected by disturbances and regains its health more quickly.

## Soil: a symbiotic ecosystem



## The plant: a virtuous circle



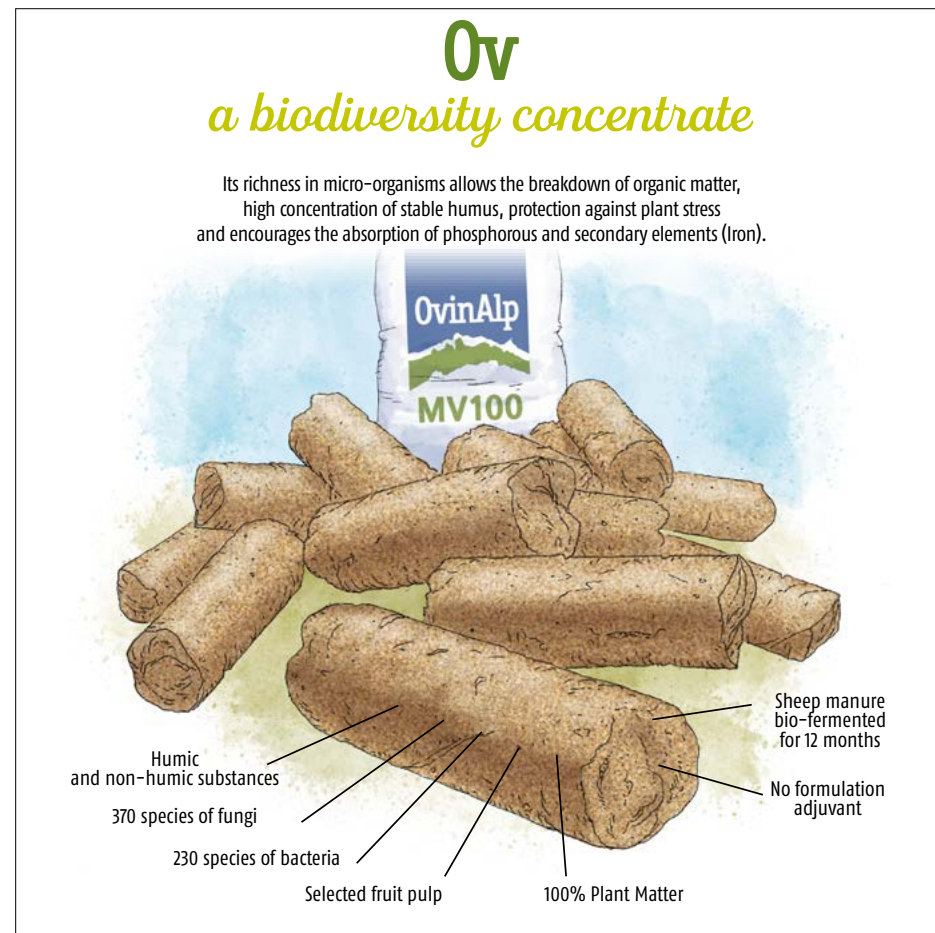


## OvinAlp products at the service of "high fertilisation"

OvinAlp's fertilisation solutions are based around two key compounds: Ov, which comes from a respected and mastered tradition dating back millennia, and imis®, an innovation stemming from OvinAlp's organic expertise and Research and Innovation.

These two active principles are based on the same philosophy: to best support the crops, it is necessary to support the soil as well as possible, to give it new life and create a true symbiosis between it and the plants.

Strengthened by this commitment, Ov and imis® are then offered in a range of solutions that are specific to each need of each crop, in order to create an adapted fertilisation plan.



## Ov the ferment of OvinAlp products

This biodiversity concentrate reveals the hidden potential of the soils and is carefully created through OvinAlp's expertise. Originating from an exceptional raw material (sheep mignon from the Alps produced through extensive breeding) and a carefully-studied natural composting and bio-fermentation technique, the active principal Ov is a concentrate of stable, healthy and living organic matter. It is able to give life, or return it, to the soil. Linked to the different essential minerals for crop development, Ov is easily assimilated, both immediately and in the long-term.

### A millennia-old tradition validated by science

A recent study carried out for OvinAlp by the prestigious French National Natural History Museum demonstrated the very rich biodiversity present in Ov.

The result? The study revealed the presence of more than 370 species of fungi and 230 species of bacteria. This beneficial proliferation, which is inherited from sheep but also from the bio-fermentation process, is preserved thanks to a complex conditioning technique using cold corking, which maintains this bubbling life.

### The active principal Ov in a few points:

- 100 % plant matter pre-fermented by sheep.
- Bio-fermentation over 12 months using a unique process.
- Cold corking to preserve its very rich microbial life.
- It can be combined with different minerals and nutrients to more precisely meet the needs of each crop, as desired.
- 230 species of bacteria.
- 370 species of fungi.
- Rich in humic and non-humic substances.





1



2



3



4



5



6



7



8



9



10



11



12

1. This is where it all begins - 2. A lamb from Sisteron, Label Rouge "César" - 3. Guillaume Garcin, sheep breeder and manure supplier - 4. The solid bio-fermentation platform ISO 14001 from OvinAlp - 5. For the sake of transparency we often organize visits of our factory in order to present our production methods - 6. Our research and innovation laboratory - 7. A cold pressurized die which enables the elaboration of our pellets - 8. Our pellet, a concentration of Ov - 9. NWe collect, transform, manufacture and package the whole lines of our products - 10. Our trucks are travelling everyday to ensure the delivery of our products all over Europe - 11. Our passion for the soil and for the well-being of the plant guides us everyday - 12. The life of our soils is invaluable, OvinAlp strives to feed and preserve it.



Continuing tradition and innovating

# MV100

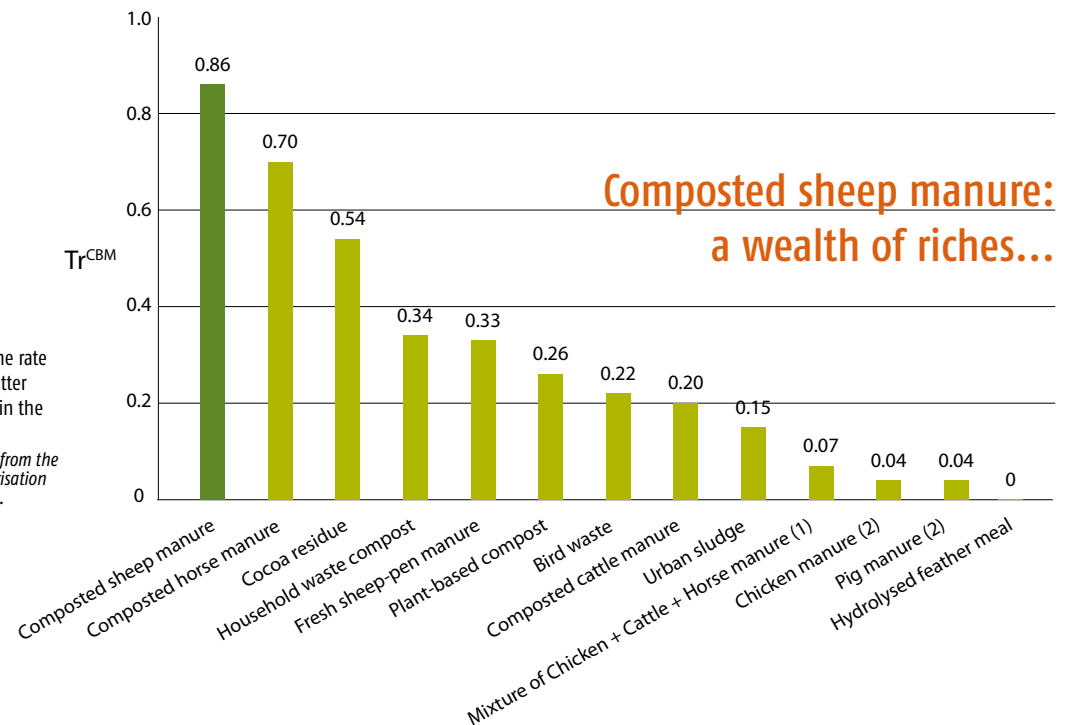
100 %  
plant matter  
pre-fermented  
by the sheep

## the basis of our fertilisation solutions

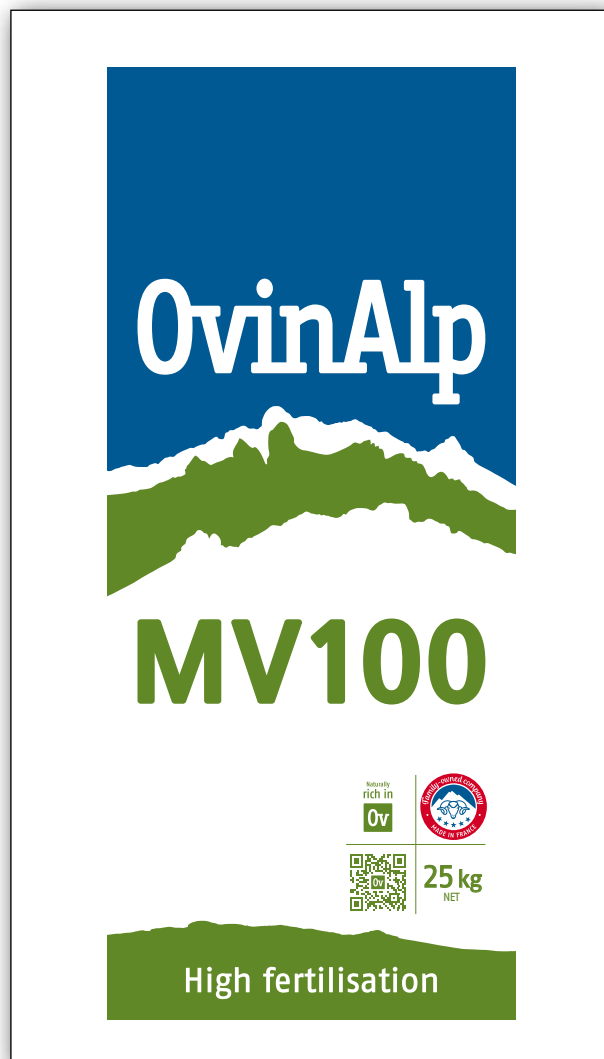
### MV100 is the symbol of OvinAlp.

It is a unique product from a tradition dating back millennia and patiently updated thanks to the expertise of OvinAlp. Its exceptional effectiveness has made this organic amendment a point of reference for several decades among professionals concerned with performance and naturalness.

The  $Tr^{CBM}$  indicates the rate of stable organic matter (humus) remaining in the soil in the long term  
(Residual carbon rate from the Biochemical Characterisation of the Organic Matter).



(1) ISB sur Matière Sèche: source CTIFL (1998) – (2) Analyse Laboratoire LUT Environnement Digne-les-Bains Robin D (1997). Intérêt de la caractérisation biochimique pour l'évaluation de la proportion de matière organique stable après décomposition dans le sol et la classification des produits organo-minéraux. Agronomie 17, 157-171.



## MV100

### ORGANIC AMENDMENT NFU 44 051 COMPOSTED MANURE

OvinAlp designs and produces fertilising solutions for professionals: organic amendments, organic and organic-mineral fertilisers, natural liquid stimulants (root organic fertilisers, foliar nutrients and herbal infusions) and soluble fertilisers. Founded in 1988 in the Alpes-de-Haute-Provence, at the source of its supplies, OvinAlp continues a tradition dating back several millennia (the use of mignon, sheep manure from the Alps from extensive breeding) and innovates to effectively enrich the soil and encourage natural, balanced, and effective crops.

MV100 (100% plant matter) is the symbol of OvinAlp. It is a unique product from a tradition dating back millennia, and patiently developed through the expertise of OvinAlp researchers. Its exceptional effectiveness has made this organic amendment a reference for several decades among professionals concerned with performance and naturalness.

Composed of sheep manure from extensive breeding of Label Rouge "Sicaron lamb" and plant alkalies (olive and grape pulp), MV100 is used for 12 months. It draws its strength from the 100% plant matter origin, which is naturally transformed and enriched with micro-organisms by the sheep.

The raw materials undergo a strict selection and require full traceability.

It is a technological process certified ISO 14001, which guarantees complete maturation and optimal sanitary quality (composting health approval n° FR 05 116 106).

This exclusive technological process gives MV100 unique properties:

- **Stable high humus concentration (ISMO = 0.83),**
- **perennial diversified microbial flora composed of:**
  - a stimulating bacterial microflora from the mineralisation of organic matter in soils. This microflora allows for the decomposition of molecules which are easily biodegradable (carbohydrates, lipids, proteins) which make up the unstable organic matter of soils;
  - of micro-organisms such as mushrooms which are responsible for molecular rearrangement phenomena that catalyse the humification of organic matter in soils;
  - of actinomycetes, which are filamentous bacteria that build resistant structures such as cellulose, hemicellulose, and lignin.

Considered a major challenge for the fertility of cultivated soils, MV100 galvanises biological activity by developing humus compounds. It has thus improved the exchanges between the soil and crops while accentuating soil reserves and making them more mobile.

Scan me to access all information

**OvinAlp.fr**

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**Composition**  
Selected sheep manure, fruit pulp and active Ov principle.

**Composting**  
12 months of composting following an exclusive process

**Corking**  
Cold-extruded to preserve the microbial life.

**COMPOSITION**  
in % mass of the raw product

Dry matter	80%
Organic matter	60%
Total organic Nitrogen (N)	2%
Total Anhyd. phosphoric acid (P <sub>2</sub> O <sub>5</sub> )	1%
Total Potassium oxide (K <sub>2</sub> O)	2%
Total Magnesium oxide (MgO)	0.5%

**INSTRUCTIONS FOR USE**

MV100 may be used for all farming, maintenance or plantation use all throughout the year, and more specifically during resting periods for vegetation. The suggested doses are between 1 and 3 tonnes/hectare for maintenance. For plantation, the suggested dose is between 1 and 3 tonnes/hectare. These doses should be adapted in relation to different types of soils.

**FREE OF SLUDGE, SLUSH, AND URBAN COMPOSTS**

**CAN BE USED IN ORGANIC AGRICULTURE**  
REL. 07/04/2007

MV100 is NOP (National Organic Program) certified.

- Sampling methods and doses are not defined by a set of rules. We make no warranty on the crops, the nature of the soil, or even on the period of use.
- Our responsibility is expressly limited to the supply of a product in accordance with the accurate description on the label.
- Access to lands is forbidden for breeding animals for at least 21 days following application.
- Precautions for use: do not digest, wash and dry hands after use.

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Total potassium oxide (K <sub>2</sub> O)	2%
Total magnesium oxide (MgO)	0.5%
C/N	15

**100% real**

**Stable high humus concentration**  
(ISMO = 0.83)  
**515 kg humus/ton**  
**Preserved microbial flora**

**Can be used in Organic Agriculture**  
(Écocert)  
**NOP-certified**







## a natural chelating agent, the result of OvinAlp's innovation and expertise

This range of amino acids, the combination of which is inspired by nature, meets the essential needs of the plant. OvinAlp has designed liquid fertilisers, now known as natural stimulants, by combining its organic expertise with the virtues of amino acids produced by the plants themselves. **Our researchers have developed imis® (approval no. 114-0009 from the French Ministry of Agriculture), a complex of natural amino acids, by selecting 16 amino acids essential to the plant for inclusion in the Kori leaf fertilisers and the Orstim and Dopactif root fertilisers. For a synergy between the plant's nutrition, growth, development and protection.**

These amino acids act on the speed of growth and stimulate the formation of chlorophyll, the development of roots or even the assimilation of inorganic nitrogen by the plant. They play a key role in water management, stabilise the cell walls, ensure maintenance of the function of the proteins and, overall, allow better resistance to extreme conditions, such as heat, cold, drought and salinity.

The imis® amino acids have the specificity of gathering and covering the nutrients to make them more soluble and more mobile, which encourages their absorption and their assimilation by the plant. imis® allows the plant to improve its development and growth performances, while also strengthening its self-defence reflexes.

### The active principal imis® in a few points:

- It effectively promotes the penetration of primary elements (N, P and K), secondary elements (Mg, Ca, etc.) and oligo elements (Fe, Mn, B, Cu, etc.) and their integration into the plant's metabolism.
- It naturally improves the synthesis of proteins, which are precursors to defence and bio-protection phenomena in plants, but also improves resistance to stress (cold, drought, etc.) by protecting the membranes of the plant cells.
- It is a natural and biodegradable alternative to synthesising chelating agents, thus improving the quality and quantity of the harvest while preserving the land and the environment.

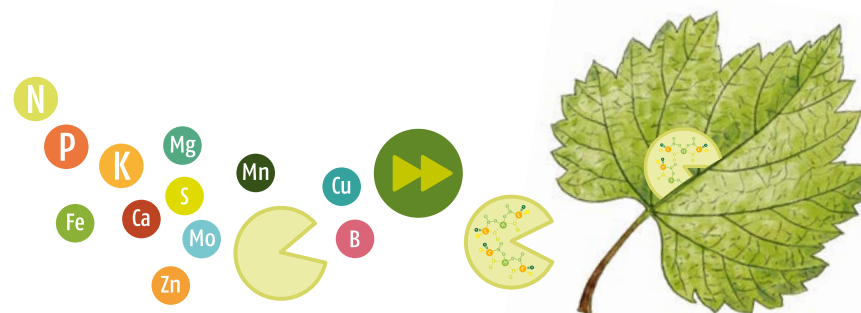


Approval no. 114-0009

The official approval of imis® by the Ministry of Agriculture in 2015 after 4 years of field tests shows its effectiveness, its innocuousness and its compositional consistency.



• Amino acids • Penetrating effect • Natural stimulant • Bio-protection of plants •



the active principals of

**OvinAlp**  
Haute fertilisation

# OvinAlp

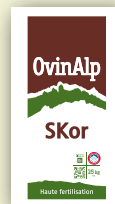
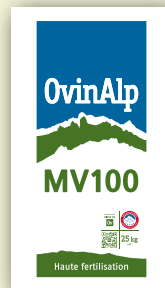
Haute fertilisation

## Our fertilisation solutions

### SOLID



Ov, a biodiversity concentrate that reveals the potential of your soils  
A solution adapted to every situation

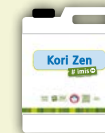
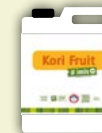
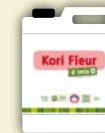


### LIQUID

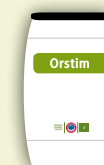


imis®, a biodiversity of natural amino acids for better assimilation of nutrients

1st approved natural chelating agent present in our liquid specialities



Our root solutions for viticulture, arboriculture and market gardening



Our NPLC  
(Our Natural Preparations of Low Concern)









# OvinAlp

Haute fertilisation



## SAFETY

Attention to detail and the safety requirements are cornerstones of our quality culture. We provide all users of our products with transparent and objective information in order to preserve your land, your image and our futures.



## NATURALNESS

By committing to a sustainable development approach, we are contributing to societal and environmental advances. Thus we work towards fertilisation which is respectful of the soil, farmers, consumers and the environment.



## EXCELLENCE

The performance of our fertilisers is easy to measure. If large growers, market gardeners, arboriculturists, cereal growers, gardeners, landscapers, greenkeepers, breeders all use and recommend OvinAlp, it can't be by chance!



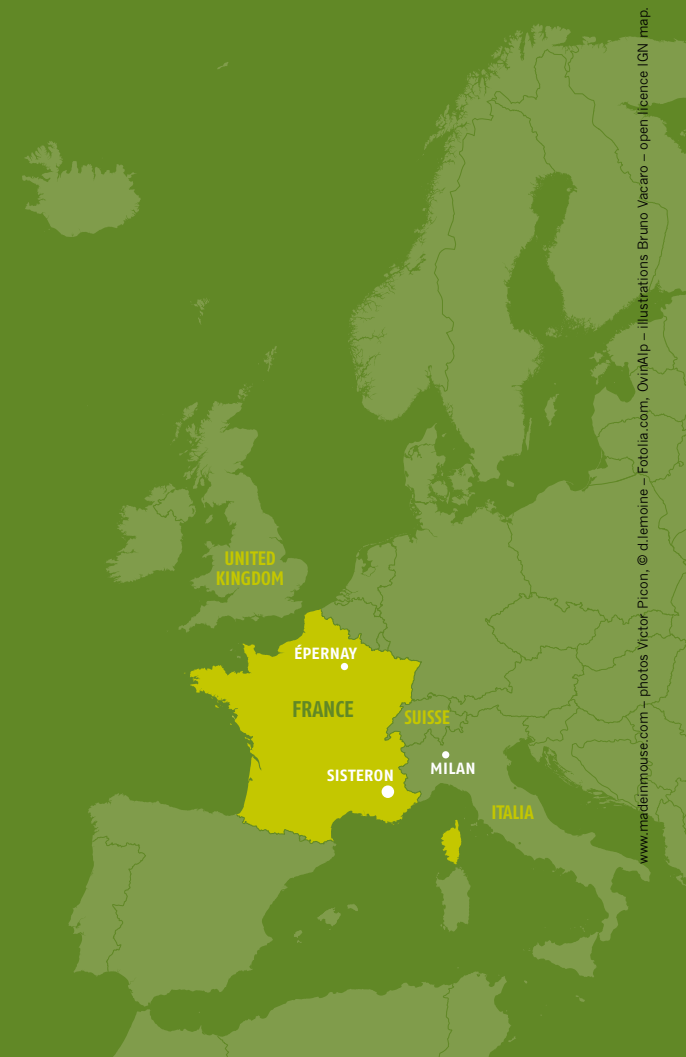
## INNOVATION

The research and innovation team at OvinAlp works on a daily basis to advance our products and services by developing increasingly effective solutions, as well as initiating and controlling a rigorous quality-based approach.



# OvinAlp.fr

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