

OvinAlp



Haute fertilisation

OvinAlp, a few key steps

1988

Creation of the company

A family and local activity to valorise the famous resource of Alps sheep manure, combining tradition with agronomic performance.

2001-2015

Optimization and automation of the process

- Automation of tools (weighing, dosing, granulation, packaging)
- Development of our unique cold granulation technique to preserve the richness of our products (2001)
- Installation of dust extraction systems in our factories to protect humans and the environment (2004)
- Creation of the solid biological fermentation platform and the hygiene process, certified ISO 14001 (a first in France in 2005)
- Establishment of the Logistics division (2010)
- Creation of the Research & Innovation division (2012)
- Creation of the biological stimulant (PGPB) production workshop (2013)
- Installation of over 10,000 m² of photovoltaic panels (2013)

2016-2021

Industrial investment and innovation

- Investment in research to characterize the microorganisms present in the Ov active ingredient (2016)
- Characterization of the Ov active ingredient by the National Museum of Natural History (2018)
- Extension of the biological fermentation platform (2019)
- Development of our distribution network in Europe (Italy, Spain, England, Benelux, Poland...) (2018)

Since 2022

Forward with biological solutions

- French Market Authorization (AMM) applications for non-microbial biological stimulants (amino acids) and microbial biological stimulants with high agronomic interest, derived from our Ov active ingredient (2022)
- New major export project





Bastien, Chantal, Éric and Mathieu Giovale

President's Note

With my father (Jean Giovale), we founded the company OvinAlp in 1988 in Ribiers (Val Buëch-Méouge, Hautes-Alpes, France), in the heart of the mountains, in a very preserved ecosystem. It designs and produces natural fertilizing solutions for professionals, based on active ingredients from continuous and voluntary research.

Knowing many plant species and their agronomic needs, actively participating in soil regeneration... this has been our purpose for over 30 years.

OvinAlp's organic amendments and fertilizers increase carbon content, water retention, preserve and regenerate the health of cultivated soils. The testimony of farmers who have trusted us for so long is the best proof.

High Fertilization is about seeking to better understand the functioning of living systems for today's and tomorrow's agriculture.

High Fertilization is about looking where others wouldn't think to look to, identifying new agronomic prospects, nurturing them, multiplying them with meticulously developed know-how, to improve soil health and fertility, optimize mineral element absorption for better plant nutrition and resistance, for regenerative agriculture.

If renowned winemakers, market gardeners, arboriculturalists, cereal farmers, gardeners, landscapers, greenkeepers, breeders... use and recommend OvinAlp, it is not a coincidence!

Éric Giovale



Composting or biological fermentation?

Composting is a fermentation and transformation process of agricultural organic by-products with the presence of oxygen.

It's referred to as **biological fermentation** when all parameters are scientifically perfectly controlled (time, temperature, humidity, oxygen, in particular).

Heirs to an exceptional biodiversity

The secret of our products is to contain an active ingredient derived from the biodiversity of our Alps. It is the fresh air of our mountains, pure water, and the diverse flora, and the involvement of the sheep that make the exceptional character of our fertilizing solutions.

OvinAlp has been developing for several decades natural fertilizing solutions renowned for their physicochemical, biological qualities, and the absence of pathogenic germs and pollutant micro-elements. We are located in the Hautes-Alpes, in a preserved environment, close to sheepfolds and this precious sheep manure, the migon.

The southeast of France is the historical cradle of sheep farming. For over 6,000 years, sheep have grazed on its pastures. In the heart of our alpine pastures, sheep farming is thus an ancestral tradition. Raised extensively (grazing in open

mountains), within an 80 km radius around the factory, the sheep have an exclusively plant-based diet of grass and forage. Thanks to their complex digestive system, they produce a pre-fermented plant material with exceptional and balanced agronomic potential.

This living raw material is composed of two elements:

- The migon, pre-fermented plant material that brings a large number of living microorganisms.
- The bedding, rich in carbon (cellulose, lignin), which constitutes a stable organic matter contribution and an energy reserve for microorganisms.

For other organic or mineral inputs, OvinAlp certifies the approval, traceability, and strict absence of sludge, mud, urban composts, and their micro pollutants.

This naturally rich multilayer material is the starting point of our biological fermentation process, which after the breeding phase will become (the Ov active ingredient).

Raising a Living Active Ingredient

1. Hygiene process

After collection, sheep manure is hygienised (Sanitary approval FR 05 118 106), assembled with plant materials (fruit pulps, lees, vegetable cakes) then raised for 12 months on our biological fermentation platform compliant with ISO 14001 Environmental Protection Regulation, to give birth to our Ov active ingredient.

2. Raising

2 phases of biological fermentation

Aerobic phase

(Increasing oxygen in the material)

Aerobic microorganisms develop themselves thanks to oxygen, thanks to controlled temperature which rises to at least 70°C, destroying pathogenic germs and weed seeds. Our materials are regularly blend following a specific process, ensuring safety and consistency of composition in our Ov active ingredient.

Throughout this aerobic phase, 3 parameters are carefully controlled and regularly monitored: oxygenation, humidity, and temperature of the materials currently raising.

Anaerobic phase

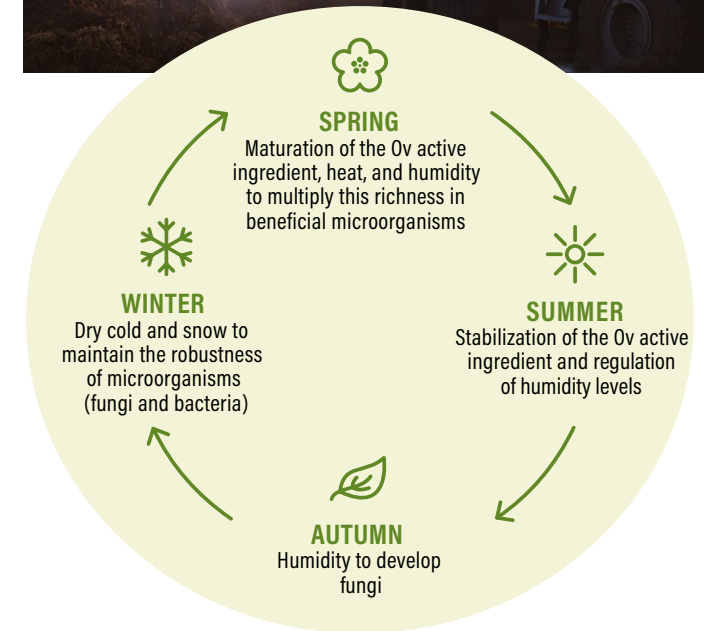
(Blocking oxygen in the material)

This phase recreates the natural conditions regarding, life underground: aerobic microorganisms (living in the topsoil) giving space to anaerobic microorganisms (living deep in the soil). Very dynamic, these microorganisms degrade carbon fibres and release their nutrients, transforming them into humic and fulvicacids (essential components of stable humus).
A unique know-how patiently developed by our company.

3. Stabilization

This is the final phase of our active ingredient's production process. We add oilcake and dried fruit pulps, rich in sugars to the biologically fermented material in order to:

- Feed the microorganisms
- Maintain a balanced and stable material, thanks to the carbon fibre input
- Stabilize the material's humidity level for optimal biological fermentation until spreading in the field.



Because nature is well made, the aerobic biological fermentation phases develop various species of fungi and bacteria over the seasons, following natural temperature and humidity cycles, thus contributing to the robustness of the microbiota of our Ov active ingredient.

A natural ferment that gives and restores life to the soil. . 5 .

Benefits of the Ov active ingredient

- **Stimulates soil life** by introducing a **large diversity of beneficial microorganisms**
- **Adds humus to the soil** thanks to the high humic return rate of the Ov active ingredient (ISMO* = 0.83)
- **Improves soil structure**, making it more aerated and better at retaining water (humus retains up to 20 times its weight in water)
- **Increases the resistance and resilience of soils that have undergone disturbances** (weather, drought, diseases, pollution)

*(Organic Materials Stability Index)



Ov: + 600 species of beneficial bacteria and fungi

Marc-André Selosse, renowned microbiologist, and the National Museum of Natural History of Paris highlighted its richness through a study conducted in 2018. It characterized the hundreds of bacterial and fungal families present in our Ov active ingredient and their functions in the soil.



Composition

Organic matter	60 %
Species of microorganisms including bacteria and fungi	> 600 > 230 > 370
Humic acids	11 %
Fulvic acids	10 %

Derived from a unique 12-month biological fermentation method

OvinAlp

Haute fertilisation

To obtain a healthy soil,

**bacteria, fungi,
and algae all work
in symbiosis with the roots
to provide
water and nutrients
to the plant.**

The role of bacteria in the soil

Bacteria are microorganisms that degrade organic matter to feed. Their digestion releases nutrients contained in the organic matter, making them available for the plant.

The role of fungi in the soil

In exchange for sugars secreted by the roots, fungi also degrade organic matter and release its mineral elements for the plant. They help improve soil structure by developing their filaments, called mycelium, which create micro-tunnels for water and air circulation.

Our Ov active ingredient

A biodiversity concentrate for soil health

The richness in microorganisms of the Ov active ingredient allows significant biodiversity input to the soil (more than 600 identified species of bacteria and fungi) and more than 300 kg of equivalent carbon per ton of fertilizing material. It also contributes to the "4 per 1000" initiative to fight against climate change.

Derived from our biological fermentation process, our Ov active ingredient is a biodiversity concentrate which enhances soil function : better nutrient release, better organic matter degradation, and better humic substances formation, leading to healthier soils and plants.

Optimization

The supply of fertilizing units is essential to ensure crop productivity. However, introducing a large number of living microorganisms is crucial to improve soil function and limiting the leaching of mineral elements.

Adding the Ov active ingredient to the soil optimizes the assimilation of primary (N, P, K) and secondary (Mg, Ca, Fe...) mineral elements, as microorganisms work to make them more available to the plant!

Resistance

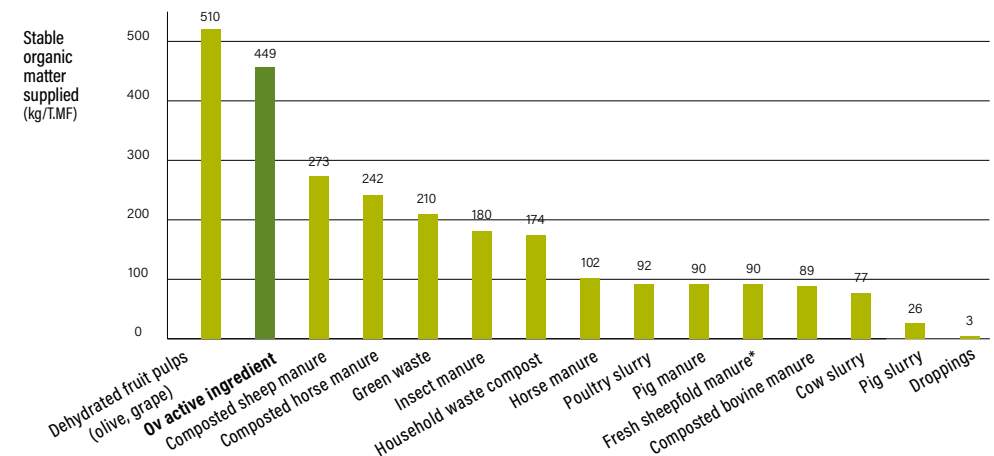
A living soil is one of vital functions whom are maintained by a large number of individuals. In case of disruption, despite a decrease in population, the soil will continue to function.

Resilience

After experiencing disruption, the numerous remaining microorganisms will better survive and repopulate the soil more quickly.



Unique Richness



* Calculation based on fresh material (including water), ISMO measurement of fresh material is diluted.



Our Flagship Product MV100

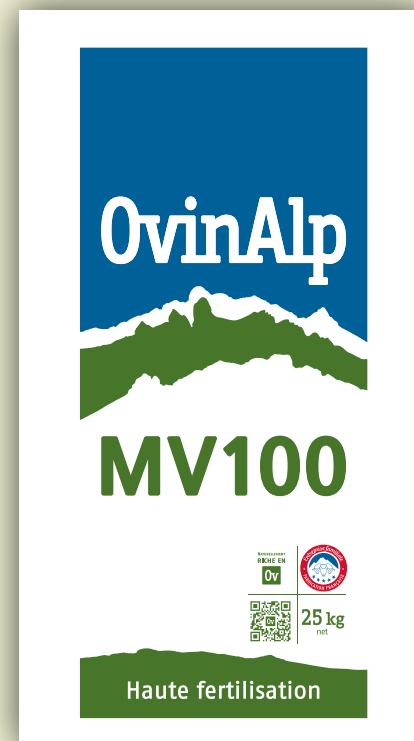
100 % Ov active ingredient

- 12 month open-air biological fermentation
- Platform and process ISO 14001 certified
- High humic return rate
(ISMO* = 0,83)
- + 600 species of beneficial bacteria and fungi

*(Organic Materials Stability Index)

Composition

Dry matter	80 %
Organic matter	60 %
Total nitrogen (N)	2 %
Total phosphoric anhydride (P ₂ O ₅)	1 %
Total potassium oxide (K ₂ O)	2 %
Total magnesium oxide (MgO)	0,5 %
C/N	15



Soil health / Plant nutrition

Organic amendments

→ sustainably nourish the soil
to better nourish plants



Organic Fertilizers

→ activate the soil microbiota
and plant development



Discover the entire range at

OvinAlp.fr

Organomineral fertilizers

→ nourish the plant while preserving the soil



Packaging

- 25 kg and 30 kg bags
- 500 kg big bags
- 12.5 t bulk bins with legs
- 6 mm pellet



Growth Activators

→ wake up the soil and nourish the plants



Packaging

- 10 L cans
- 300 L drums
- 1,000 L IBCs

Our products, due to their natural quality, can be used by all types of agriculture (conventional, organic, biodynamic, zero pesticide residue, NOP...) according to the conditions and regulations in force.



At the service of farmers

• Building lasting relationships

Our distributors are essential partners. Carefully selected, they hold the exclusivity of OvinAlp innovations. From technical exchanges to on-field support, our sales teams maintain strong relationships with our distributors and their clients. Our shared goal is to forge lasting relationships with our farmer clients. We aim to strengthen these bonds with educational activities, such as soil profiling, technical demonstrations, and visits to our production site in Ribiers. To understand us, you must meet us. See, smell, touch...

OvinAlp products are sold throughout France and in many European countries thanks to our partner distributors. Our common goal is to offer all farmers an exceptional, living product made in France with perfect traceability, which revitalizes soils and nourishes plants.

• Our integrated logistics

Considering transport as a crucial service to provide to our clients and suppliers, we have created our own Logistics division: the OT company. A customized, efficient, and high-quality service. A fleet of approximately 30 trucks compliant with regulations European Euro 6 regulations, it is gradually being replaced by new vehicles. Our well-trained team listens to our clients.



Constant innovation

Innovation is in our genes. From the beginning, we have had a passion for research to create effective and natural fertilizers, to serve responsible and sustainable agriculture. Every year, we invest 3% of our revenue in Research and Innovation.

Our Experimentation Hub, in partnership with the MAGMA Laboratory, conducts field experiments with our partner farmers to test the effectiveness of our fertilizers before they are marketed. The results are analysed statistically and interpreted using various methods of soil, plant, and harvested fruit/vegetable analysis.

OvinAlp
Haute fertilisation

In partnership with public and private research organizations





CSR - Committed Company

Engage in a circular economy

All the raw materials used for the production of the active ingredient Ov come from noble by-products of the agro-food industry or agriculture. OvinAlp values them by creating effective products intended to be returned to the soil. Through its activity, OvinAlp thus contributes to the 4 per 1000 initiative and the fight.

Promote local

Our supply of raw materials is mostly local, thanks to our partner sheepfolds, distilleries, and olive mills. Likewise, we encourage the local economy by prioritizing regional service providers.

Sustainable production

OvinAlp has developed an exclusive cold granulation process to produce premium pellets and fertilizers, allowing it to preserve the integrity of the Ov active ingredient's microbiota. A unique technology, in an ultra-modern factory where dust is vacuumed, energy is solar-powered, plastics used are partly from recycled plastic, and our production line, fully automated, and our platforms adhering to the latest environmental standards are subject to rigorous quality monitoring, where deliveries are made in bulk to biofuels.

OvinAlp has implemented a CSR, approach for over 20 years, to promote sustainable development by integrating environmental and societal considerations into its strategy, thus being able to respond to the impacts of its activities and decisions on the environment and society.

**We
invest
in noble
causes !**

Protecting

OUR EMPLOYEES

People are at the heart of our strategies. As an active recruiter in the region to support our development, we make it a point to offer growth opportunities to our employees, interns, and apprentices.

OUR FARM

Today, our farm (52,000 trees surround the factory for the production and conversion of fruit juices) continues to prosper, and we have an experimental orchard that promotes numerous research projects.

OUR TOOLS

Comfortable premises, dust-free production workshop, sustainable investment policy, safety, company restaurant...

OUR ENERGY

Since 2013, we have equipped the roofs of our buildings with photovoltaic panels (10,000 m²). And we are installing an additional 10,000 m² of panels to achieve energy autonomy.

OvinAlp.fr

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