



Ancient wisdom modern skills

The perfect blend of
tradition and science



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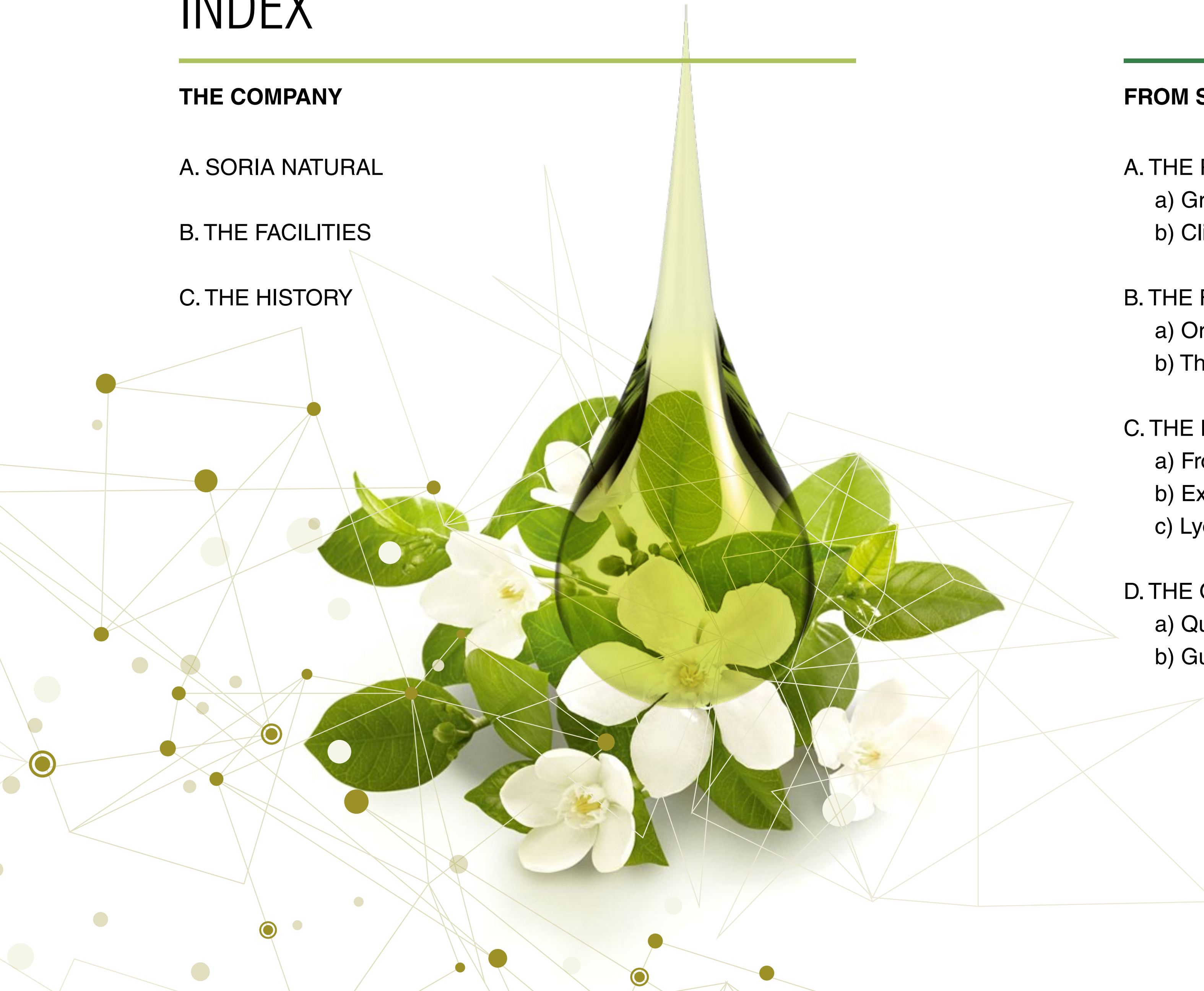
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SORIA NATURAL

THE COMPANY

is the leading laboratory in Natural Medicine in Spain and the reference trademark for supplementation and dietetics.

The current international expansion strategy allows the company to be present in the most important countries and markets in the world.

Success is based on several pillars: a strict quality control, an ambitious research plan, development and innovation, and a strong commitment of all the professionals working in the company.



present in
+40
countries

SoriaNatural®
EFFICACY AND QUALITY



Arnica montana L.

FACILITIES

THE COMPANY

The cutting-edge facilities, installed on 30,000 m², are adapted according to the most strict quality standards for the production of plant based medicines and dietetic, organic and special food products.

Located in the province of Soria (central Spain), Soria Natural benefits from over 500 ha of self owned organic certified fields.

The proximity between the plantation and the lab guarantees the extraordinary quality of the raw material used in the production process.



+500 ha
self-owned
fields

HISTORY

THE COMPANY

The story of Soria Natural is the story of Antonio Esteban, his grandfather, his father, and now also his children and grandchildren, all driven in using nature for helping people to improve their health.

He decided in 1982 to initiate this adventure, applying the family knowledge about the medical properties of the local plants. He was a pioneer in offering high quality local herbs, dried and cut in the best possible conditions.

In 1988, he moved the company to the current facilities.

His aim has always been no other than to revolutionize the sector and bring it to the 21st century. This revolution continues today.



PLANTS - Growing plants for medicinal use

FROM SEED TO FORMULA

All plants are grown in Soria, in the surroundings of the factory.
The cultivation of these plants provides various advantages:

CULTIVATED PLANTS VS WILD-HARVESTED PLANTS

1. smaller variation in their constituents (greater genetic uniformity).
2. main secondary metabolites can be monitored (allowing for definition of the best period for harvesting).
3. no risk of misidentification.
4. increase uniformity and predictability of extracts.

MAIN OBJECTIVE

- Assure safety and efficacy
- Avoid variations in therapeutic results



Plants Farming Processing Quality

SEEDS

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FORMULA



Peumus boldus Molina

PLANTS - Climate in Soria

FROM SEED TO FORMULA

The altitude (1,082m) and the rigorous climate in Soria determine the quality of the plants.

Winter: long and cold (83 days of frost) - Max: +19°C Min: -15°C

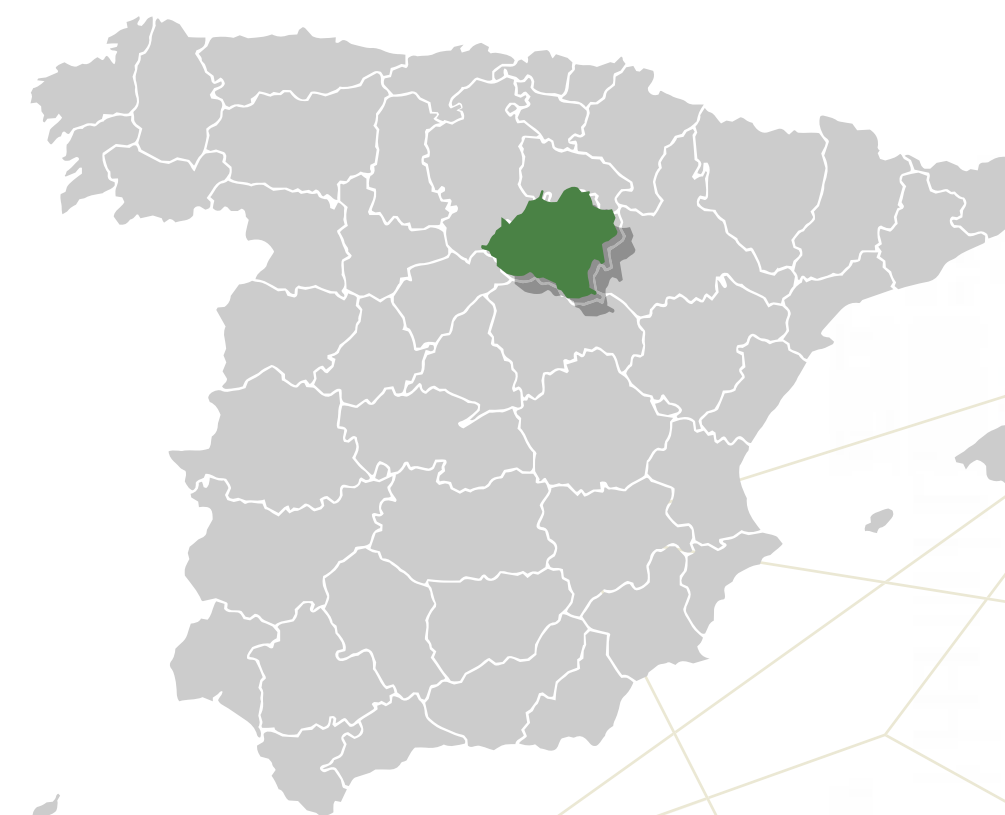
Summer: warm with cool nights - Max: +35°C Min: -1°C

Rain: Total annual rainfall is +/-400 mm (relatively dry)
(High= +800 mm, Low= -300 mm).

Sun: Total annual hours of sunshine: 2.813 hours (relatively high)
(Bilbao: 1,491 hours, Barcelona: 1,984 hours, Zaragoza: 2,786 hours, Malaga: 2,774 hours, Sevilla: 3,381 hours)

CONSEQUENCES

- Long winter → Short growing times.
- High difference day/night temp. → Highly resistant.
- Sunny and dry conditions → High load of active ingredients



Plants Farming Processing Quality

SEEDS FORMULA

Vaccinium myrtillus L.

FARMING - Concepts

FROM SEED TO FORMULA

ORGANIC FARMING

is an integrated farming system that strives for sustainability, the enhancement of soil fertility and biological diversity whilst prohibiting synthetic pesticides, antibiotics, synthetic fertilizers, genetically modified organisms, and growth hormones. (Certifier: EU community).

PROGRESSIVE FARMING

has a lot of similarities with “Biodynamic Farming” (concept developed by Rudolf Steiner) where we share the main features that define their respect for the environment:

- we consider our farm (and company) as a single ‘organism’.
- we focus on astrological cycles for the complete growing and harvest cycle.



Plants **Farming** Processing Quality

SEEDS FORMULA



Calendula officinalis L.

FARMING - Progressive Farming

FROM SEED TO FORMULA

FERTILIZATION:

We gather a lot of 'rich' components from our in-house production lines for fertilization: grains, seeds, vegetables, legumes, herbs, etc.

We have natural 'fertilization' of the sheep herds, who have free passage in the surroundings of Soria (and on our fields), still as a consequence of the Royal Decree from 1273, for assuring transfer of cattle by herders from the summer pastures to the winter pastures, and vice versa. (Cañada Real)

CROP ROTATION:

Monoculture disproportionately depletes the soil of certain nutrients. In addition, crop rotation mitigates the buildup of pathogens and we improve soil structure and fertility by increasing biomass from varied root structures.

WATER QUALITY:

Apart from the necessary and regulated water treatments we have the advantage of taking water immediately from the source (Duero), without any interference of big cities or industries.

PEST AND DISEASE CONTROL:

- The dry climate, the long winters and rigorous climate avoid presence of insects and most common pests and diseases.
- We use mixtures of trace elements, seaweeds, herbs and essential oils for promoting healthy development of the plants and repel slugs and insects.

Plants **Farming** Processing Quality

SEEDS FORMULA



Cynara scolymus L.

PROCESS - From herb to extract

FROM SEED TO FORMULA

The production of the herbal extracts is all done on-site in our installations, under controlled atmosphere and controlled temperature conditions.

All fields are in the surroundings of the factory (max. 35km), assuring freshness of the herbs on arrival.

In the most optimal conditions in order to avoid endogenous or external contaminations and avoid loss of actives.

Through micronization we increase the contact surface of the particles which leads to a more effective extraction rate.

In less than 8 hours we generate a liquid extract with a concentration of up to 95% of the active ingredients of the plant. With the official and common processes it takes 48-72h to obtain from 65 to 70% of the active ingredients.

Through lyophilization (or freeze-drying), we obtain a dry concentrated extract, preserving all properties, including thermolabile ones (because no heat is applied), of the fresh plant.

We avoid the use of alcohol by using vegetable glycerin as a carrier for assuring good conservation and posterior absorption of the active ingredients

Harvest

Drying

Micronization

Extraction

Lyophilization

Mixing

Plants Farming **Processing** Quality

SEEDS FORMULA

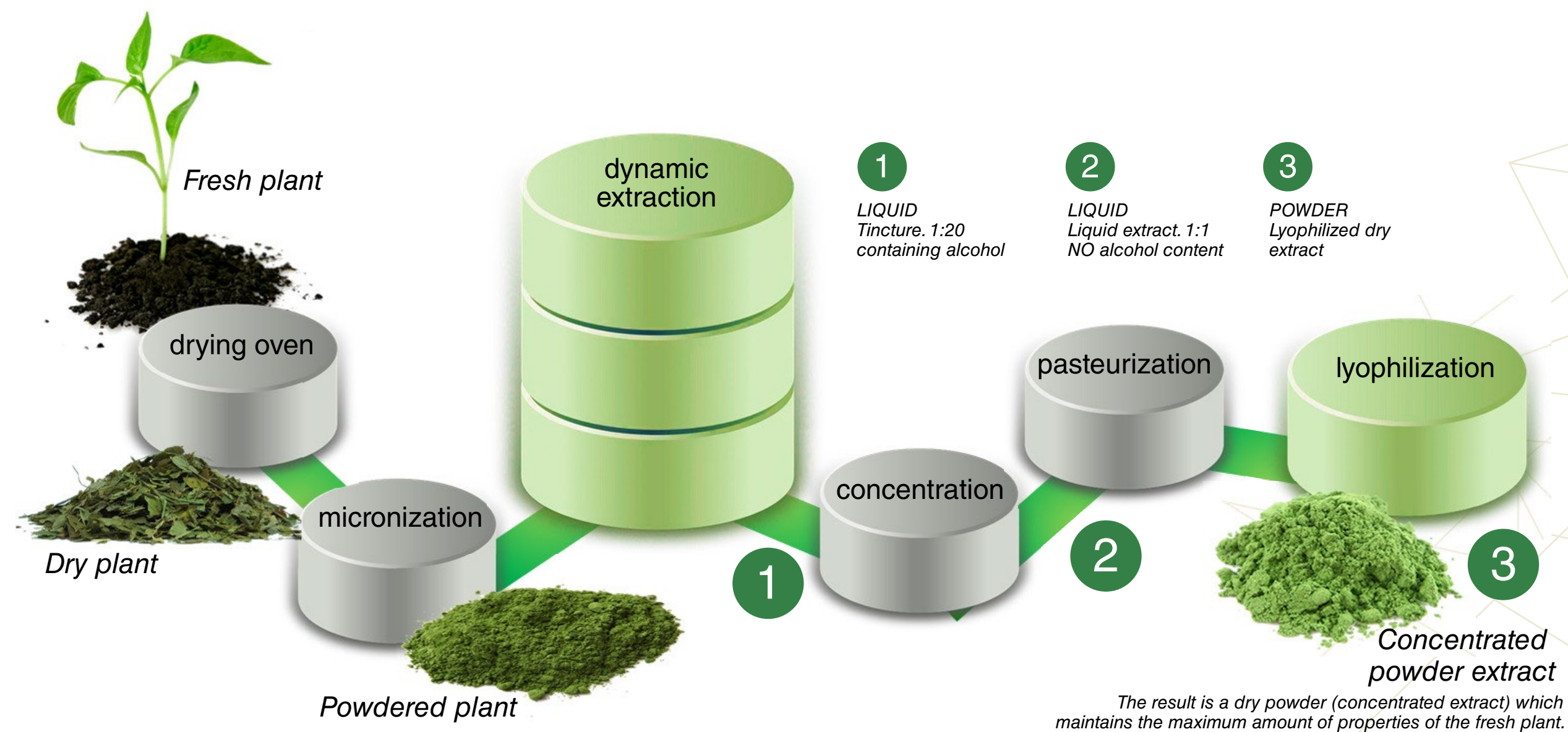


Solidago virga-aurea L.

PROCESS - Extraction process

FROM SEED TO FORMULA

The production of the herbal extracts is all done on-site in our installations, under controlled atmosphere and controlled temperature conditions.



Plants Farming **Processing** Quality

SEEDS

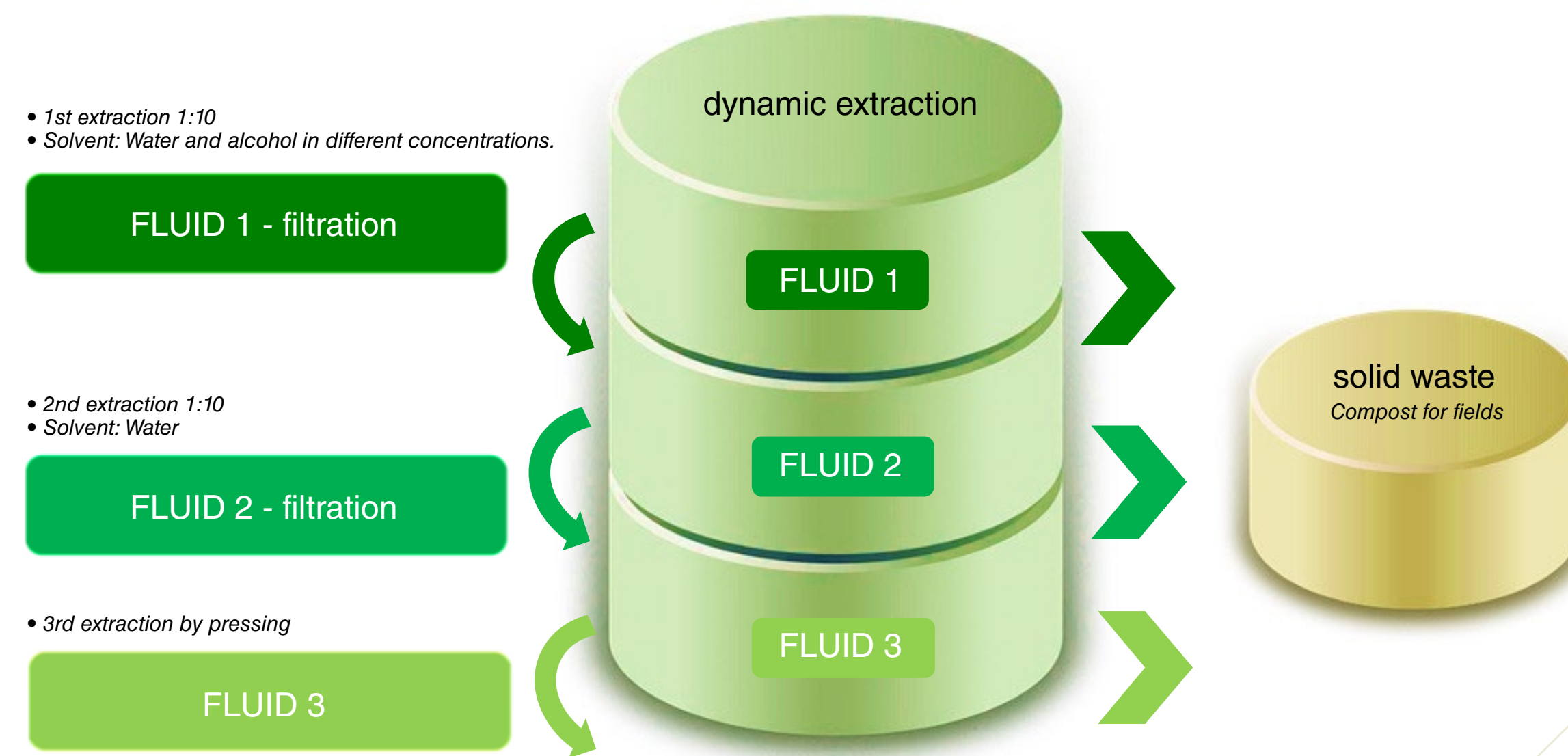
FORMULA

Echinacea purpurea Moench

PROCESS - Lyophilization process

FROM SEED TO FORMULA

The production of the herbal extracts is all done on-site in our installations, under controlled atmosphere and controlled temperature conditions.



Tincture. 1:20
containing alcohol

Plants Farming **Processing** Quality

SEEDS FORMULA



Fumaria officinalis L.

QUALITY ASSURANCE

FROM SEED TO FORMULA

QUANTIFICATION & STANDARDIZATION

The biological activity of plants changes between harvests.
Therefore it is required to quantify and standardize the active ingredients in:

- raw materials
- semi-processed ingredients (during processing)
- finished product

Necessary to achieve a reliable level of EFFICACY of the finished product for the consumer.



Plants Farming Processing **Quality**

SEEDS FORMULA





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