


VERTICAL FARMING

Herbs
Seeds
Specialist



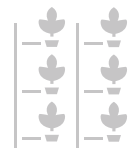
VOLTZ
MARAÎCHAGE

OUR COMMITMENTS TO VERTICAL FARMERS

 **GRAINES VOLTZ** developed a range of seeds adapted to your needs as a Vertical Farmer. Our seeds fulfil very specific criteria established hand in hand with the Vertical Farming industry.



VERTICAL FARMING

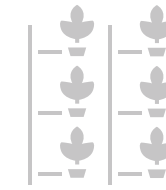


Instead of growing vegetables and other foods on a single level, as in a field or greenhouse, this method produces food in vertically stacked layers. Vertical farming uses indoor farming techniques such as hydroponics and controlled environment technology to create environmental growing conditions for the plants. Good management means that no herbicides or pesticides are needed

HYDROPONICS



Hydroponics is a method of growing plants without soil by using a nutrient rich water-based solution. Plants can be grown with their roots exposed to liquid nutrient, or without inert medium



1 SELECTION

Varieties are agronomically selected for their development in Vertical Farms



2 GERMINATION

We chose for you seed-lots with the best germination rate



3 HEALTH

Seeds are checked against seedborn diseases



4 TRANSPARENCY

Our teams are committed to provide you with sanitary transparency when needed



5 COMPLIANCE

We check and clean our seeds at highest possible level



6 SUSTAINABILITY

Having seeds available all year round is our top goal

BREEDING & RESEARCH



In the summer 2020, GRAINES VOLTZ has bought the HILD Samen business from BASF in Germany. This included also its breeding activities, especially in aromatic herbs.

Today, GRAINES VOLTZ continues to improve its breeding programs. GRAINES VOLTZ just recently opened a new breeding and research station in Großbottwar, South Germany. Besides its breeding activities in radishes, beans, herbs and others, a passionate team from breeders, product specialists and sales people selects and trials promising herbs lines from the pipeline, especially for vertical farming production. HILD had lots of experience also in seed processing, seed cleaning and organic seed treatments, as well as worldwide sales.

Altogether, this makes GRAINES VOLTZ an important specialist, seed supplier and valued partner for Vertical Farming companies.



THE FARM



OUR RANGE OF HERBS VARIETIES

We chose to develop a range of varieties that meet your needs and have been selected for your growing systems. We chose to provide you with the best of our own genetics in herbs.

BASIL



LUCIA

- Flat leaves
- Very robust and upright
- Long shelf life after harvesting



GUSTOSA

- Genovese type
- Very uniform variety
- Dark green, slightly dome-shaped leaves



LOKI

- Mildew resistant
- Can grow in cold and lower temperature conditions
- Energy savour



PLUTO

- Small leaves
- High yield



CHIVES



POLYUP

- Dark green variety
- High yield
- Not sensitive to yellow tips

POLYVERT

- Very Upright
- Stable
- Quick growing
- Coarse

SORREL



RED-VEINED SORREL

- Bright green leaves with red leaf veins.
- Sweet and sour taste.
- Very suitable for protected cultivation.



CORIANDER



EAGLE

- Dark green
- Thin leaves
- Long internode



ATLAS

- Very dark green
- Late bolting
- Very productive



SHANGHAI

- Very fragrant
- Compact port
- Exceptionally upright
- Excellent taste



CORN SALAD



FROST

- Dark green
- Can grow in cold conditions
- Energy savour
- Upright growth



PAUDIUM

- Dark green
- High yield
- Upright growth



DILL



HERA

- Late bolting
- Upright growth



LENA

- Very dark green
- Upright growth



THALIA

- Very dark green
- High yield
- Very robust



LEMON BALM



OFFICINALE

- Oval green leaf
- Toothed and hairy leaf
- Very melliferous plant



MINT



SPICATA

- Refreshing
- Spicy aftertaste



PARSLEY



LAICA

Flat parsley

- Large leaves
- Fast development



DARKI

Curled parsley

- Very dark selection
- Extremely upright leaves
- Compact growth



STARLETT

Curled parsley

- Robust
- Very good shelf life after harvest



AFRODITE

Curled parsley

- Dark green
- Thin leaves
- Long internode



LION

Flat parsley

- Large leaves
- Very upright
- Compact growth



LAURA

Flat parsley

- Small leaves
- Very upright
- Dark green



ROCKET SALAD



TOSCANA

- Thick, long leaves
- Dark green
- Tall plant
- Late blooming



VENETIA

- Very quick growth



ROSEMARY



ROSEMARY

- Green and thin leaves
- Late blooming



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