

Great reasons:

- » Greening culture
- » A blooming substrate for biogas plants
 - Yield: 13–20 t of dry matter/ha
 - Biogas up to 700 l/kg of organic matter (approx. 53% methane)
 - Very good silage properties
- » Captures CO₂ and purifies the air: Great news for the climate!
- » Permanent crop lasting 10–20 years: Lower CO₂ emissions, less diesel, more time for other things!
- » Deep root penetration: Sustainable humus build-up (up to 8 t/ha) and reduced risk of erosion: Our answer to extreme weather
- » No nutrient leaching = Protecting the groundwater!
- » Ideally, no weed control is necessary
- » Extremely versatile, e.g. near brooks and in water conservation areas or to build up humus on former industrial sites

Ideal for bees and other insects!

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DONAU-SILPHIE

(*Silphium perfoliatum*, L.)

An energy crop for the protection
of water, climate and soil

Silphium perfoliatum,
also known as the cup plant,

is truly special and perfectly suited to feeding your biogas plant.

PROFILE:

- » Origin: North America
- » Plant family: Asteraceae
- » Plant height: Up to 3.50 m
- » Stem: Square
- » Flowers: Yellow and beautiful, in bloom between June and September
- » Fine root system to optimally supply the plants with water and nutrients, including from deep in the ground, up to a depth of 150–200 cm
- » Relatively low-maintenance
- » Perfectly suited to the production of "green energy"

Silphium perfoliatum only grows to knee height in the first year. This is why we sow the crop under maize (product name Donau-Silphie). Thus, the first silphium year can be bridged without losing revenue. Beyond this, we also offer more unique benefits.

Donau-Silphie provides
more than just seeds

We sell you success as well!

You have the choice between paying a flat rate per hectare or investing in our interesting early sale offers, each including:

- » Maize and silphium seeds
- » Sowing of both crops
- » Fertilizer and pest management recommendations
- » Special consultation
- » Guarantee of success (at least four plants/m²)

What do you have to do?

- » Tilling the soil before sowing
- » Fertilisation and maintenance
- » Harvesting

Of course, we sell just the seeds as well.
Get in touch! We look forward to meeting you.



Special sowing technology



Starting as an undersown crop in maize



Maize harvest in the first year



Harvest with conventional chopping technology



Sustainable humus build-up