BIOENERGY

The newsletter for biogas production

MAKING GAS FROM GRASS



GOING ALTERNATIVE WAYS WITH GRASS SILAGE

What are the challenges of good grass silage?

With the right management, raw sugar, raw protein, ash content and dry matter content can be controlled.

The correct harvest time, cutting height and pick-up are important!



// before panicle pushing → best possible substrate quality (energy in the form of sugar)



// as high as necessary, but min. 7 cm → reduces contamination from the field and enables fast regrowth



// the earlier harvest is brought in the better → reduces energy losses in the field

Chop length and dry matter content are just as important:



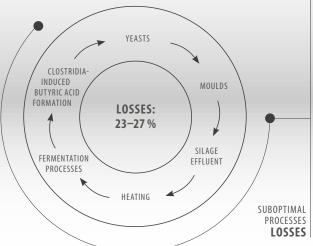
// as short as possible / < 3 mm



dry matter content between 28% and 35%



/ Compact systematically in layers of 20—25 cm; use high tyre pressure and max. 3 passes



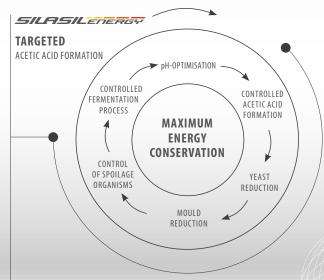
Why treat with SILASIL ENERGY?

Our silage additives pursue two aims:

// Targeted acetic acid formation to avoid heating at feed-out

// Suppressing clostridia to prevent spoilage

Both aims are directed at **reducing energy losses** in your clamp. Our products SILASIL ENERGY.BG, SILASIL ENERGY.SG and SILASIL ENERGY.XD hand you the suitable tools for every type of grass silage.









How can I recognise superior grass silage?



(💪 / SMELL:

- Sweet and sour silage smell
- × Acrid, sweaty, musty or fermented odours



- ✓ No contaminations, nests of yeasts or moulds or discolourations
- X Broken edges and loose material in shoulder or upper areas of the clamp face



efficiency of the ensiling process and aerobic stability:

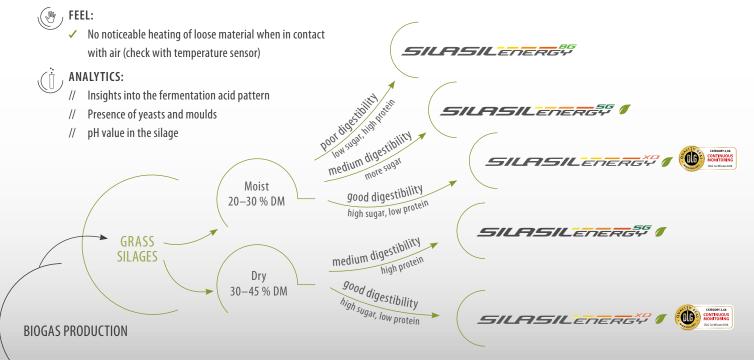
That's not it yet? NO!

Your biogas plant is the heart of your business - give it the best so that it beats optimally! And we would like to help you with that:

The following parameters serve as orientation for good silage, i.e. the

From pre-harvest monitoring via silage additive selection to clamp management and sampling.

Ensiling is our craft!



Besides grass, we offer the appropriate silage additive for any type of forage. **CHALLENGE US!**



