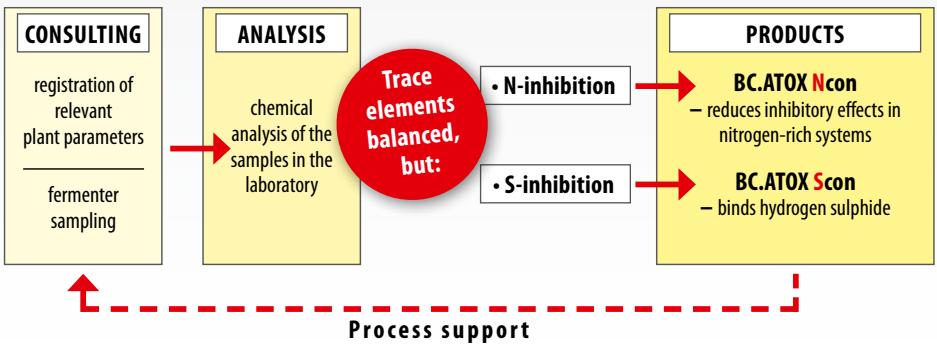


**BC.ATOX<sup>Ncon</sup>**

**BC.ATOX<sup>Scon</sup>**

## Special combination of active ingredients reduces inhibitory substances



- reduces inhibitory effects of toxic substances
- activates key microorganisms
- supports substrate degradation
- stabilises fermenter biology
- improves performance
- increases profitability

## Stabilised Process Biology → better plant performance

# BC.ATOX **Ncon**

- reduces inhibitory substances from protein-rich fermentation substrates
- special combination of active ingredients reduces ammonia toxicity and stabilises fermenter biology

High levels of protein-rich substrates can significantly disrupt the fermentation process by creating inhibitory toxic degradation products. The result: the organic substance fails to degrade fully, impacting on plant performance.

If our in-depth analysis reveals excessive ammonia toxicity but no permanent shortage of trace elements in the fer-

menter content, we recommend the use of BC.ATOX Ncon.

### BC.ATOX **Ncon**:

- reduces NH<sub>3</sub> toxicity
- activates bacterial growth
- stabilises fermenter biology

# BC.ATOX **Scon**

- reduces inhibitory hydrogen sulphide loads
- special combination of active ingredients reduces high hydrogen sulphide levels and stabilises fermenter biology

Different levels of H<sub>2</sub>S will occur during the fermentation process depending on the substrates used. In addition to the high toxicity of hydrogen sulphide, its conversion into sulphuric acid is highly corrosive for the gas system and the CHP unit. High concentrations of hydrogen sulphide also imply the risk of trace element precipitation.

### BC.ATOX **Scon**:

- reduces toxic process loads
- prevents trace element precipitation
- effective desulphurisation
- extends the lifespan of the engine

**Dosing quantities of BC.ATOX products are determined in line with the load level based on an in-depth consultation with Schaumann BioEnergy Consult specialist advisers.**

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