

MAIZE SILAGE

PRE-TREATMENT FOR ANAEROBIC DIGESTION

Input waste:

- Material rich in lignocellulose
- Maize silage
- Biowaste from agriculture
- Wheat
- Straw
- Green waste (i.e. hops)

Output material:

- Open-fibre material optimal for anaerobic digestion
- Low density
- Small particle size
- High homogeneity

Advantages:

- Increase of the digestion of maize silage +40% in 12 days' retention (Study of University of Linköping, Sweden);
 - 25.000 ton/year of maize silage = 1MWh power
 - 18.000 ton/year of extruded maize silage



PRE-TREATMENT

FOR COMPOSTING OF GREEN WASTE

Input waste:

- Green waste and other fibrous products

Output material:

- Substrate for easier composting
- Substrate for anaerobic digestion
- Wood fiber

