



# BARENBRUG

Barenbrug – a worldwide leader in the grass industry for the past 115 years

## "COVERGRAZE"

*Cover crops with the option to graze*



**YOUR COVER CROP SOLUTION**



# COVERGRAZE

Cover Crops are an important and useful tool to combat issues such as soil erosion, nutrient runoff and moisture conservation. Multiple species are used for cover cropping including brassicas, legumes, cereals and grasses. Recently there has been an increasing movement toward grazing cover crops as part of the rotation.

In addition to soil conservation and nutrient management, the nutritional values of most cover crops will meet the needs of grazing livestock. The ability to utilize annuals with grazing livestock allows longer rests periods for pastures, and also the ability to grow more forage and graze longer, reducing the amount of feed needed.

Utilizing livestock on a cropland field can also be advantageous for increasing biological activity through the recycling of nutrients through the animal as the majority of the nutrients that run through a ruminant animal are placed right back onto the ground from where they came.

Barenbrug is proud to offer COVERGRAZE specific products for cover cropping. Not only are these products perfect for non-grazing cover crop systems, they offer superior forage production, digestibility and quality for the grazing animal. If COVERGRAZE is in your cover crop plans, chose these products for performance that matches your needs.

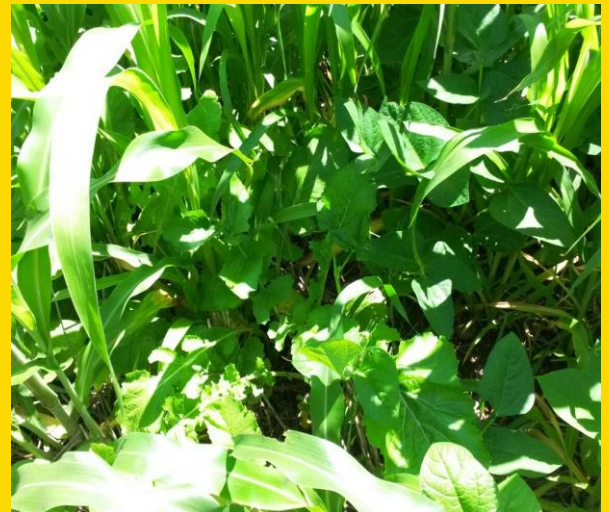
## WEED CONTROL

- The main purpose is to suppress weeds in a natural way.
- Species that are suitable for this purpose must have the following abilities:
  - Smothering effect
  - Overshadow effect
  - Aggressive growth habit
- Soil improvement can be an added benefit through root crops and legumes.
- Products for this purpose:
  - Oats, White Mustard, Fodder Radish, Vetch, Canola (**winter rainfall area**)
  - Forage Sorghum, Babala, Teff, Cow Peas, Sunn Hemp, Fodder Radish, Burgundy Bean (**summer rainfall area**)
- Example of a mix:
  - 10kg BarSaia + 2kg Tajuna Radish + 10kg Haymaker Vetch + 2kg Sito Mustard



## NITROGEN FIXATION

- The main purpose is soil improvement through nitrogen fixation.
- Root development will greatly contribute to soil aeration.
- Legumes will primarily be used for their ability to fix nitrogen.
- Grasses and root crops stores excess nitrogen.
- Make sure you use applicable inoculants.
- Products for this purpose:
  - Faba beans, Forage peas, Vetch, Arrowleaf Clover, Medics, Fodder Radish, Forage Barley (**winter rainfall area**)
  - Cow Peas, Dolichos Lablab, Burgandy Beans, Sunn Hemp, Fodder Radish, Forage Sorghum (**summer rainfall area**)
- Example of a mix
  - 10kg Bargrazer Forage Sorghum + 10kg Ebony Cow Peas + 4kg Dolichos Lablab + 2kg Tajuna Fodder Radish





# SOIL IMPROVEMENT

- The main purpose is to improve soil structure.
- Factors to address will be soil aeration, organic matter, soil microbe activity and nutrient fixation.
- Root development is crucial with regards to depth, speed of development and spreading ability.
- Nitrogen fixation will/can also be a beneficial factor.
- Products for this purpose:
  - Fodder Radish, Faba Beans, Forage peas, White Mustard, Vetch, Oats (**winter rainfall area**)
  - Fodder Radish, Turnips, Beets, Sunflower, Forage Sorghum, Sunn Hemp, Dolichos Lablab, Burgundy Beans (**summer rainfall area**)
- Example of a mix:
  - 3kg Tajuna Fodder Radish + 10kg Arvika Forage Peas + 2kg Sito White Mustard + 25kg Outback Oats



# FIBER

- The main purpose is to produce the maximum dry matter quantity with high fiber content.
- Species considered in a mixture must preferably have similar growing seasons.
- High fiber content usually indicates a longer growing season.
- High fiber content in plant material usually takes longer to disintegrate.
- High fiber content usually results in lower animal intake.
- Products for this purpose:
  - Lupines, Faba Beans, Vetch, Stooling Rye, Oats, Rye, Forage Barley (**winter rainfall area**)
  - Forage Sorghum, Babala, Teff, Sunflower, Dolichos Lablab, Fodder Radish (**summer rainfall area**)
- Example of a mix:
  - 6kg Bargrazer Forage Sorghum + 5kg Babala + 4kg Sunflower + 4kg Dolichos Lablab



# PROTEIN BOOST

- Main purpose is to have a high protein forage source.
- Single species can be used but multi-specie combinations has proved to suppress weeds better due to various growth patterns.
- Inclusion of legume species for higher protein content also benefit the soil through nitrogen fixation.
- Can also be used as hay or silage.
- Products for this purpose:
  - Triticale, Oats, Stooling Rye, Vetch, Lupines, Forage Peas, Fodder Radish (**winter rainfall area**)
  - Jap Radish, Turnips, Kale, Chicory, Cow Peas, Burgundy Beans, Forage Sorghum (**summer rainfall area**)
- Example of a mix:
  - 50kg US2014 Triticale + 10kg Haymaker Vetch + 20kg Bitter Lupines





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