

GFS GRABBER

Our most popular cover crop mixture comprising rye and winter vetch. SLOVENA vetch has a prolonged growing season and fixes nitrogen at lower temperatures than other legumes. Rye develops a strong root structure to scavenge nitrogen and suppresses weeds.

- Fixes and catches nitrogen
- Overwinters
- Low cost
- Good weed suppression

Contents:	Sowing Rate:
80% TURBOGREEN Rye 20% SLOVENA Vetch	35-50kg/ha

GFS CATCHMORE

Great mixture for scavenging nitrogen from the soil. White mustard and phacelia establish and grow very quickly, making this mixture particularly good for growing over the short catch crop period for EFAs. Suitable for use as an over winter cover crop as rye and brown mustard are frost resistant.

- Very quick growing
- Catches nitrogen very quickly
- Suitable for catch crop
- Covers ground through winter

Contents:	Sowing Rate:
60% TURBOGREEN Rye 25% SARAH White Mustard 10% SCALA Brown Mustard 5% BEEHAPPY Phacelia	25kg/ha

GFS AUTUMN DM

Suitable for early autumn sowing with high dry matter production. Phacelia puts on a large amount of growth in a short period of time. The three different rooting structures improve soil structure and scavenge nitrogen. The inclusion of rye ensures cover through the winter.

- Suitable for early sowing
- High dry matter
- Fixes and catches nitrogen
- Good for soil structure

Contents:	Sowing Rate:
80% TURBOGREEN Rye 15% MIKAELA Vetch 5% BEEHAPPY Phacelia	35kg/ha

GFS SPRINTER

Specifically for early autumn sowing where high biomass is required but the cover is not required to overwinter. LUXURIAL is exceptionally quick to establish but late to mature, reducing risk of unwanted seed shed. MIKAELA vetch establishes and grows quickly in the autumn.

- Best sown in early autumn
- Short term, very quick growing
- Fixes and catches nitrogen
- Winter kill is likely

Contents:	Sowing Rate:
70% LUXURIAL Black Oats 30% MIKAELA Vetch	25kg/ha

GFS ECOCOVER

Can be sown down to 25kg/ha for the most economical cover or catch crop solution. White mustard is quick to establish and fast growing. As it is tender to frost, it is also easy to incorporate in to the soil. Together with the prostrate growth of rye, this mixture is effective at suppressing weeds.

- Low cost
- Covers ground through winter
- Fast establishment
- Good weed suppression

Contents:	Sowing Rate:
80% TURBOGREEN Rye 20% SARAH White Mustard	25-50kg/ha

GFS SOIL REVIVOR

Diverse mixture to improve soil structure and provide plenty of top growth. Fibrous roots of black oats combine with the deep, penetrative radish root and lateral root growth from brown mustard for maximum soil conditioning. Also produces high dry matter.

- Diverse mixture
- Good for soil structure
- High dry matter
- Catches nitrogen

Contents:	Sowing Rate:
80% LUXURIAL Black Oats 15% ROMESA Oil Radish 5% SCALA Brown Mustard	25kg/ha

We reserve the right to substitute similar varieties dependent on availability.



GFS PAN BUSTER

A blend of three leading oil radish varieties; great for improving soil structure and suppressing weeds. Sowing at 10kg/ha encourages greater root growth to break up soil compaction. Higher sowing rates encourage greater top growth.

- Deep rooting
- Breaks up soil compaction
- Rapid water uptake from waterlogged soils
- Very quick growing

Contents:	Sowing Rate:
40% ROMESA Oil Radish 30% PINA Oil Radish 30% ANNA Oil Radish	10kg/ha

GFS NEMASHIELD

Created specifically to target soil borne pathogens. NemaShield contains type 2 resistant varieties of both white mustard and oil radish to maximise control of beet cyst nematode (*Heterodera schachtii*). See page 5 for more information on nematode control.

- Powerful anti-nematode effect
- Breaks up soil compaction
- High biomass production
- Scavenges nitrogen

Contents:	Sowing Rate:
50% IRIS White Mustard 50% PINA Oil Radish	25kg/ha

GFS HYDROMAX

Cost effective solution for fast establishment and good ground cover to suppress weeds. Can be used effectively to improve soil structure and take moisture out of the soil over a short period of time. When incorporated in to the soil, brown mustard has a biofumigation effect.

- Deep, fibrous roots
- Good weed suppression
- Catches nitrogen
- Low cost

Contents:	Sowing Rate:
70% SARAH White Mustard 30% SCALA Brown Mustard	12.5kg/ha

GFS COMPANION

NEW

New mixture designed to be sown as a companion crop with winter oilseed rape. This mixture contains only the most frost tender varieties of red vetch and berseem clover, making this unique to any other available in the market. In a normal winter, both will be killed without need for additional herbicide treatments.

- Rapid growth and nitrogen fixation in the autumn
- Frost tender varieties that will not regrow
- Suppresses weeds
- Effective short-term nitrogen fixing cover crop

Contents:	Sowing Rate:
80% BINGO Red Vetch 20% TABOR Berseem Clover	20kg/ha

We reserve the right to substitute similar varieties dependent on availability.



GFS Companion



Green Farm Seeds offers a comprehensive range of cover crop mixtures but extends to bespoke mixtures also. Composing a mixture that is both viable and economical can be challenging - the three steps below offer some methodology to enable you to do so.

1 Identify the Priorities

- Organic Matter
- Soil Structure
- Biofumigation
- Pest Control
- Weed Control
- Allelopathy
- Nitrogen Fixing
- Leaching Prevention
- Erosion Control
- Water Uptake

2 Duration

- Sowing Date
- Winter Hardiness
- EFA Compliance
- Risk of Seed Shed

3 Practicalities

- Rotational Conflict
- Seed Rate
- Seed Size
- Sowing Depth
- Management
- Cost

AVOID...

Inappropriate seed rates - mixture percentages are based on weight rather than seed number.

For example, there are over ten times the number of seeds per gram of phacelia than rye.

More than five species in a mixture - low quantities of lots of species will have little positive effect on the soil.

