Master Leys Grass Seed Mixtures

Autumn 2020

MEDIUM AND LONG TERM LEYS

Cut Master *(Average Heading Date 28th May)*

Three to four year productive cutting ley with aftermath grazing

Cut Master is a three-four year ley which will produce 2-3 cuts of quality high yielding silage followed by exceptional aftermath grazing. The Festulolium and high tetraploid content means it will also cope on lighter, dryer soils types. The high level of 'Aber' high sugar grasses *(HSG)* also means extra energy in the form of sugar is available to the rumen microbes. This in turn utilises more available protein from the grass and clover resulting in increased meat or milk production from home-grown forage.

- 3.00 kg Lofa *Advanced Hybrid Festulolium*
- 3.00 kg AberEve *(HSG) Tetraploid HRG*
- 3.00 kg AberWolf *(HSG) Intermediate Diploid PRG*
- 2.00 kg Triwarwic *Intermediate Tetraploid PRG*
- 1.00 kg AberAvon *(HSG) Late Diploid PRG*
- 1.00 kg AberGain *(HSG) Late Tetraploid PRG*

13.00 kg / acre

Lofa
Fast establishment > Early spring growth > Performs particularly well when conditions are sub-optimal due to different stress factors > Excellent resistance to crown rust, resulting in no loss of quality

AberWolf *(HSG)*
Highest year 1, 2nd cut yield > Second highest grazing D value > Second highest ground cover score for the second harvest year > High sugar grass, increased efficiencies in meat and milk production from home grown forage

Triwarwic
Joint second highest total cutting mean yield > Very good crown rust resistance > Good all-round variety

AberAvon *(HSG)*
Second highest grazing D value > Exceptional ground cover scores > Good seasonal growth > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberGain *(HSG)*
The highest grazing D value > Joint highest grazing yield > Joint highest total cutting yield year 1 > The highest total cutting mean yield > The highest early, spring and autumn grazing yields - High sugar grass, increased efficiencies in meat and milk production from home grown forage

(Data is taken from the 2020/21 Recommended Grass & Clover List for England and Wales by species and ploidy group) (Lofa data is taken from DLF)

MasterLeys
The Seeds to Grow your Farming Business

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Protein Master *(Average Heading Date 22nd May)*

Three-year productive red clover cutting ley with aftermath grazing

Protein Master is a three-year red clover ley which will produce 2-3 high protein bulky silage cuts with quality aftermath grazing. The red clover content will finish lambs extremely well however red clover contains oestrogen which can affect the fertility of your breeding stock so don't graze 4 – 6 weeks either side of tupping. Care should also be taken if grazing cattle due to potential bloat issues from the red clover. The high red clover content will help increase the overall yield and can also help to fix 100 – 150kg/N/ha/year offering potential opportunities to reduce N applications. The red clover, festulolium and tetraploid content will also ensure high yields even in dry years.

- 3.00 kg Lofa *Advanced Hybrid Festulolium*
- 3.00 kg AberEve *(HSG) Tetraploid HRG*
- 2.00 kg AberWolf *(HSG) Intermediate Diploid PRG*
- 2.00 kg Solomon *Intermediate Diploid PRG*
- 3.00 kg Red Clover Blend
  - *20 % Amos*
  - *40 % Magellan*
  - *40 % Sangria*

  13.00 kg / acre

Lofa

Fast establishment > Early spring growth > Performs particularly well when conditions are sub-optimal due to different stress factors > Excellent resistance to Crown rust resulting in no loss of quality

AberWolf *(HSG)*

Highest year 1, 2nd cut yield > Second highest grazing D value > Second highest ground cover score for the second harvest year > High sugar grass, increased efficiencies in meat and milk production from home grown forage

Red Clover Blend

Very high yielding > High protein > Very vigorous in establishment and growth > Very good persistency

(Data is taken from the 2020/21 Recommended Grass & Clover List for England and Wales by species and ploidy group)

(Lofa & Red Clover blend data is taken from DLF)

(HSG) = High Sugar Grass (IRG) = Italian Ryegrass (HRG) Hybrid Ryegrass (PRG) = Perennial Ryegrass

Field Master *(Average Heading Date 30th May)*

Five to six year dual purpose ley (Early Bite)

Field Master is a quality dual purpose ley which can alternate between cutting and grazing. Its versatility allows 1 quality bulky silage cut and then 3 grazing cycles OR 5/6 grazing cycles starting in late March/early April. Excellent sward density for persistency under varying intensive management regimes. The Festulolium and tetraploid content means it will also cope on lighter, dryer soils types. 70 % of 'Aber' high sugar grasses *(HSG)* are used meaning extra energy in the form of sugar is available to the rumen microbes. This in turn utilises more available protein from the grass and clover resulting in increased meat or milk production from home grown forage. Timothy is included as it fills a summer gap and thrives on the wetter heavier soil types. A white clover blend is used for different management regimes as well as increasing palatability and the ability to fix nitrogen.

- 2.00 kg Lofa *Advanced Hybrid Festulolium*
- 2.00 kg AberWolf *(HSG) Intermediate Diploid PRG*
- 2.00 kg AberClyde *(HSG) Intermediate Tetraploid PRG*
- 3.00 kg AberAvon *(HSG) Late Diploid PRG*
- 2.00 kg AberGain *(HSG) Late Tetraploid PRG*
- 1.00 kg Presto *Timothy*
- 1.00 kg AberDairy *White Clover Blend*
  - *33% AberHerald Medium Leaf White Clover*
  - *34% AberSwan Medium Leaf White Clover*
  - *33% AberDai Medium Leaf White Clover*

  13.00 kg / acre

Lofa
Fast establishment > Early spring growth > Performs particularly well when conditions are sub-optimal due to different stress factors > Excellent resistance to crown rust resulting in no loss of quality

AberWolf *(HSG)*
Highest year 1, 2nd cut yield > Second highest grazing D value > Second highest ground cover score for the second harvest year > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberClyde *(HSG)*
Joint second highest mildew score > Very high cutting and grazing D values > Good all round variety > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberAvon *(HSG)*
Second highest grazing D value > Exceptional ground cover scores > Good seasonal growth > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberGain *(HSG)*
The highest grazing D value > Joint highest grazing yield > Joint highest total cutting yield year 1 > The highest total cutting mean yield > The highest early, spring and autumn grazing yields > High sugar grass, increased efficiencies in meat and milk production from home grown forage

(Data is taken from the 2020/21 Recommended Grass & Clover List for England and Wales by species and ploidy group) (Lofa data is taken from DLF)

SW Field Master *(Average Heading Date 30th May)*

Five to six year dual purpose ley

Originating from the south west, SW Field Master is a high yielding, quality dual purpose ley which is versatile and suits a wide range of different management regimes between cutting and grazing. It has excellent crown rust resistance and outstanding sward density for persistency under varying intensive management regimes. 95 % of 'Aber' high sugar grasses (*HSG)* are used meaning extra energy in the form of sugar is available to the rumen microbes. This in turn utilises more available protein from the grass and clover resulting in increased meat or milk production from home grown forage. A white clover blend is used for different management regimes as well as increasing palatability and the ability to fix nitrogen.

- 2.50 kg AberWolf *(HSG) Intermediate Diploid PRG*
- 3.00 kg AberClyde *(HSG) Intermediate Tetraploid PRG*
- 4.00 kg AberAvon *(HSG) Late Diploid PRG*
- 3.00 kg AberGain *(HSG) Late Tetraploid PRG*
- 0.50 kg AberDairy *White Clover Blend*
  - *33% AberHerald Medium Leaf White Clover*
  - *34% AberSwan Medium Leaf White Clover*
  - *33% AberDai Medium Leaf White Clover*

  13.00 kg / acre

(No Clover version available: AberAvon increases to 4.5 kg)

AberWolf *(HSG)*
Highest year 1, 2nd cut yield > Second highest grazing D value > Second highest ground cover score for the second harvest year > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberClyde *(HSG)*
Joint second highest mildew score > Very high cutting and grazing D values > Good all round variety > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberAvon *(HSG)*
Second highest grazing D value > Exceptional ground cover scores > good seasonal growth > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberGain *(HSG)*
The highest grazing D value > Joint highest grazing yield > Joint highest total cutting yield year 1 > The highest total cutting mean yield > The highest early, spring and autumn grazing yields > High sugar grass, increased efficiencies in meat and milk production from home grown forage

(Data is taken from the 2020/21 Recommended Grass & Clover List for England and Wales by species and ploidy group)

(HSG) = High Sugar Grass (IRG) = Italian Ryegrass (HRG) Hybrid Ryegrass (PRG) = Perennial Ryegrass

Dual Purpose No Clover *(Average Heading Date 27th May)*

Five to six year dual purpose ley (Early Bite)

Dual Purpose No Clover is a flexible mixture which has been designed for grazing, cutting or both. It creates a dense base and provides good autumn grazing. Specifically designed with no clover which enables weeds to be controlled without spraying out the clover. The clover can be over-seeded later if desired. Nearly 90 % of 'Aber' high sugar grasses *(HSG)* are used meaning extra energy in the form of sugar is available to the rumen microbes. This in turn utilises more available protein from the grass resulting in increased meat or milk production from home grown forage.

- 1.50 kg Lofa *Advanced Hybrid Festulolium*
- 1.00 kg AberEve *(HSG) Tetraploid HRG*
- 2.50 kg AberWolf *(HSG) Intermediate Diploid PRG*
- 2.00 kg AberClyde *(HSG) Intermediate Tetraploid PRG*
- 3.50 kg AberAvon *(HSG) Late Diploid PRG*
- 2.50 kg AberGain *(HSG) Late Tetraploid PRG*

  13.00 kg / acre

Lofa
Fast establishment > Early spring growth > Performs particularly well when conditions are sub-optimal due to different stress factors > Excellent resistance to Crown rust resulting in no loss of quality

AberWolf *(HSG)*
Highest year 1, 2nd cut yield > Second highest grazing D value > Second highest ground cover score for the second harvest year > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberClyde *(HSG)*
Joint second highest mildew score > Very high cutting and grazing D values > Good all round variety > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberAvon *(HSG)*
Second highest grazing D value > Exceptional ground cover scores > Good seasonal growth > High sugar grass, increased efficiencies in meat and milk production from home grown forage

AberGain *(HSG)*
The highest grazing D value > Joint highest grazing yield > Joint highest total cutting yield year 1 > The highest total cutting mean yield > The highest early, spring and autumn grazing yields > High sugar grass, increased efficiencies in meat and milk production from home grown forage

(Data is taken from the 2020/21 Recommended Grass & Clover List for England and Wales by species and ploidy group)
(Lofa data is taken from DLF)

Sward Master *(Average Heading Date 31st May)*

Five to seven year grazing ley

Sward Master is a long term grazing ley which can be silage if required. The high diploid content will create a dense base to withstand intensive grazing by cattle or sheep. The mix will produce quality forage both early spring and in the autumn, which will help to extend the grazing season. A clover blend is used to allow for different grazing regimes. 60 % of 'Aber' high sugar grasses *(HSG)* are used meaning extra energy in the form of sugar is available to the rumen microbes. This in turn utilises more available protein from the grass and clover resulting in increased meat or milk production from home grown forage.

- 3.00 Kg AberWolf *(HSG) Intermediate Diploid PRG*
- 2.00 kg Triwarwic *Intermediate Tetraploid PRG*
- 3.00 kg AberAvon *(HSG) Late Diploid PRG*
- 2.00 kg Fojtan *Festulolium*
- 2.00 kg AberGain *(HSG) Late Tetraploid PRG*
- 1.00 kg Grazing White Clover Blend
  - *40 % Rivendel Small Leaf White Clover*
  - *38 % Iona Medium Leaf White Clover*
  - *8 % Buddy Medium Leaf White Clover*
  - *14 % Violin Large Leaf White Clover*

13.00 kg / acre

AberWolf *(HSG)*
Highest year 1, 2nd cut yield > Second highest grazing D value > Second highest ground cover score for the second harvest year- High sugar grass, increased efficiencies in meat and milk production from home grown forage

Triwarwic
Joint second highest total cutting mean yield > Very good crown rust resistance > Good all-round variety

AberAvon *(HSG)*
Second highest grazing D value > Exceptional ground cover scores > Good seasonal growth > High sugar grass, increased efficiencies in meat and milk production from home grown forage.

Fojtan
Very high DM yields - Well suited for grazing - intermediate heading - Very deep rooting similar drought tolerance to cocksfoot and tall fescue and more tolerant to drought than perennial ryegrass.

AberGain *(HSG)*
The highest grazing D value - Joint highest grazing yield - Joint highest total cutting yield year 1 - The highest total cutting mean yield - The highest early, spring and autumn grazing yields - High sugar grass, increased efficiencies in meat and milk production from home grown forage

(Data is taken from the 2020/21 Recommended Grass & Clover List for England and Wales by species and ploidy group) (Fojtan data is taken from DLF)

(HSG) = High Sugar Grass (IRG) = Italian Ryegrass (HRG) Hybrid Ryegrass (PRG) = Perennial Ryegrass

Agrii reserves the right to change varieties within the mixtures as required.