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# Climate Smart Mixture Ranges

Specifications and usage

Sowing future seeds

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We have developed our Climate Smart ranges to deliver the Germinal grass performance you expect but with new formulations and innovative varieties to support sustainable livestock production on farm.



These ranges offer farmers seed options and solutions to climate change challenges that help milk and meat production stay profitable for the future.



Click [here](#) to find out more about our Climate Smart ranges.





## Emissions reduction

Lower ammonia and nitrous oxide

### Performance plus sustainability

All Climate Smart Clean mixtures contain our recognised Germinal Aber High Sugar Grass (HSG) varieties to mitigate air pollution from ammonia and nitrous oxide while powering milk and meat production with efficient forage protein conversion.

Gaining environmental benefits through grass and forage choices is a sustainable grassland management approach and can be used as a carbon reduction strategy.

Contains



### Cutting

#### CS Clean Medium Term Silage 3-4 Years

Offering outstanding quality and ME yield for 3-4 years, this mixture contains Aber HSG varieties with excellent spring growth to produce silage from early May.

Kg/pack	Variety	Type
6.00	AberEve	Hybrid Ryegrass Tetraploid
6.00	AberImage	Hybrid Ryegrass Tetraploid
3.00	AberMagic	Perennial Ryegrass Intermediate Diploid
<b>15.00</b>		

\*Available with red clover

#### CS Clean Long Term Multi-Cut

A sustainable, highly productive silage mixture producing consistent quality silage 4-5 times a year. First cut in early-to-mid May, then at 4-5 week intervals thereafter.

Kg/pack	Variety	Type
3.50	AberMagic	Perennial Ryegrass Intermediate Diploid
3.50	AberSpey	Perennial Ryegrass Intermediate Tetraploid
3.50	AberSevern	Perennial Ryegrass Late Diploid
3.50	AberClyde	Perennial Ryegrass Late Tetraploid
<b>14.00</b>		

\*Available with red clover

### Grazing

#### CS Clean Long Term Grazing 50% Tetraploid

A high yielding mixture with exceptional quality designed for intensive dairy, beef or sheep grazing systems. Includes leading Aber HSG grass and clover varieties to increase animal intakes and performance while reducing the demand for artificial N.

Kg/pack	Variety	Type
3.00	AberSpey	Perennial Ryegrass Intermediate Tetraploid
3.50	AberGain	Perennial Ryegrass Late Tetraploid
3.00	AberDon	Perennial Ryegrass Late Diploid
3.50	AberBann	Perennial Ryegrass Late Diploid
0.50	AberSwan	White Clover Medium Leaf
0.25	AberHerald	White Clover Medium Leaf
0.25	AberLasting	DoubleRoot Hybrid Clover
<b>14.00</b>		

#### CS Clean Long Term Grazing 100% Diploid

Suitable for cattle and sheep in rotational and set stocking systems, this 100% diploid grazing ley persists for up to 10 years and offers outstanding grazing D-value to drive impressive daily liveweight gains.

Kg/pack	Variety	Type
3.00	AberZeus	Perennial Ryegrass Intermediate Diploid
2.00	AberGreen	Perennial Ryegrass Intermediate Diploid
3.00	AberSevern	Perennial Ryegrass Late Diploid
3.00	AberBann	Perennial Ryegrass Late Diploid
2.00	AberDon	Perennial Ryegrass Late Diploid
0.50	AberSwan	White Clover Medium Leaf
0.25	AberHerald	White Clover Medium Leaf
0.25	AberLasting	DoubleRoot Hybrid Clover
<b>14.00</b>		

### Dual Purpose

#### CS Clean Long Term Dual Purpose

An all-round mixture for dairy, beef and sheep systems offering top performance with environmental benefits. Produces a dense, high-quality sward resistant to poaching.

Kg/pack	Variety	Type
3.00	AberZeus	Perennial Ryegrass Intermediate Diploid
2.00	AberGreen	Perennial Ryegrass Intermediate Diploid
3.00	AberSevern	Perennial Ryegrass Late Diploid
2.00	AberSpey	Perennial Ryegrass Intermediate Tetraploid
3.00	AberGain	Perennial Ryegrass Late Tetraploid
0.50	AberSwan	White Clover Medium Leaf
0.25	AberHerald	White Clover Medium Leaf
0.25	AberLasting	DoubleRoot Hybrid Clover
<b>14.00</b>		

\*Available without clover

Climate Smart Clean supports optimal milk and meat production targets through exceptional performance and superior nutrition.

Our Aber HSG grasses bring unrivalled D-value and dry matter yields making it the perfect homegrown forage for driving efficiency and reducing your carbon footprint.



To learn more - check out the Germinal Grassland Guide.



## Nutrient Efficient

Reduce chemical fertiliser

### Performance plus sustainability

The Climate Smart Capture range has been developed to offer a powerful combination of nitrogen fixing clovers and high-energy Aber High Sugar Grasses (Aber HSG).

These forage mixtures are a sustainable choice if considering the environmental impact of inorganic fertiliser, and needing to improve soil fertility or boost biodiversity. Red clover options provide improved silage quality.



Contains



### Cutting

#### CS Capture Medium Term Silage 3-4 Years

A high-protein, high-energy mixture formulated with hybrid ryegrasses for medium term silage swards. AberClaret Red Clover improves silage quality and maintains yields with lower N inputs.

Kg/pack	Variety	Type
5.00	AberEve	Hybrid Ryegrass Tetraploid
4.50	AberImage	Hybrid Ryegrass Tetraploid
2.00	AberMagic	Perennial Ryegrass Intermediate Diploid
3.00	AberClaret	Red Clover
0.50	AberSwan	White Clover Medium Leaf
<b>15.00</b>		

#### CS Capture Multi-Cut

Containing Aber HSG perennial ryegrasses and AberClaret red clover, this mixture will create a high yielding, high quality sward that lasts. Suited to a 4-5 cut system from early May. An excellent option for intensive silage with reduced N inputs.

Kg/pack	Variety	Type
2.50	AberMagic	Perennial Ryegrass Intermediate Diploid
2.50	AberSpey	Perennial Ryegrass Intermediate Tetraploid
2.50	AberSevern	Perennial Ryegrass Late Diploid
2.50	AberClyde	Perennial Ryegrass Intermediate Tetraploid
3.00	AberClaret	Red Clover
1.00	AberSwan	White Clover Medium Leaf
<b>14.00</b>		

### Grazing

#### CS Capture Long Term Grazing

A high clover grazing mixture with proven animal performance results. The inclusion of white and red clover boosts the protein content and fixes nitrogen in the sward, lowering environmental impact.

Kg/pack	Variety	Type
5.00	AberGain	Perennial Ryegrass Late Tetraploid
5.00	AberChoice	Perennial Ryegrass Late Diploid
1.00	AberSwan	White Clover Medium Leaf
0.75	AberHerald	White Clover Medium Leaf
0.25	AberLasting	DoubleRoot Hybrid Clover
2.00	AberClaret	Red Clover
<b>14.00</b>		

### Dual Purpose

#### CS Capture Long Term Dual Purpose

This mixture is specifically formulated to suit cutting and grazing situations, providing increased white clover content to reduce reliance on artificial nitrogen.

Kg/pack	Variety	Type
2.00	AberGreen	Perennial Ryegrass Intermediate Diploid
2.00	AberZeus	Perennial Ryegrass Intermediate Diploid
3.00	AberSevern	Perennial Ryegrass Late Diploid
2.00	AberSpey	Perennial Ryegrass Intermediate Tetraploid
3.00	AberGain	Perennial Ryegrass Late Tetraploid
1.00	AberHerald	White Clover Medium Leaf
0.50	AberSwan	White Clover Medium Leaf
0.50	AberLasting	DoubleRoot Hybrid Clover
<b>14.00</b>		



Extreme weather caused by climate change is making life difficult for farmers, who are also impacted by fertiliser costs. Increasingly, we are seeing farmers turning to nitrogen fixing clovers as alternative fertilisers to improve self-sufficiency in the face of these challenges.



## Soil Support

Diversify with multi-species

### Performance plus sustainability

The Climate Smart Thrive range supports soil health in multiple ways. These carefully selected multi-species mixtures enhance organic matter, biodiversity, and soil structure.

Containing clover for reduced nitrogen inputs, Climate Smart Thrive offers all-round improvement with excellent palatability, nutrition support, and production benefits.



Contains



### Grazing

#### CS Thrive Multi-Species Grazing

Ideal for low-input systems needing high daily liveweight gain and improvements in soil health. Produces a quality sward of Aber HSG varieties to drive animal performance, reduce reliance on nitrogen inputs, and increase drought and grazing resistance.

Kg/pack	Variety	Type
3.00	AberSevern	Perennial Ryegrass Late Diploid
3.00	AberBann	Perennial Ryegrass Late Diploid
3.00	AberGain	Perennial Ryegrass Late Tetraploid
0.75	AberHerald	White Clover Medium Leaf
0.50	AberSwan	White Clover Medium Leaf
0.25	AberLasting	DoubleRoot Hybrid Clover
1.50	AberClaret	Red Clover
0.75	Comer	Timothy
0.50	Puna II	Perennial Chicory
0.75	Tonic	Plantain
14.00		

\*Available without red clover



## Plant Resilience

Drought resistant forage

### Performance plus sustainability

Geminal Climate Smart Adapt mixtures have been specially developed to help maintain production and reduce risk in the face of extreme weather events.

Adapt mixtures contain deep-rooted varieties with a stronger adaptive capacity to withstand weather extremes. The addition of clover brings reduced fertiliser requirements and nature-recovery advantages by attracting pollinators.



Contains



### Grazing

#### CS Adapt Long Term Grazing

A complimentary blend of deep-rooting, drought-resistant species combined with high-performing Aber HSG varieties and legumes for nitrogen fixation and growth in drier periods.

Kg/pack	Variety	Type
3.25	AberBann	Perennial Ryegrass Late Diploid
3.00	AberGain	Perennial Ryegrass Late Tetraploid
1.50	GS Structuur	Soft Leaf Tall Fescue
1.50	Baraula	Cocksfoot
0.50	AberHerald	White Clover Medium Leaf
0.25	AberSwan	White Clover Medium Leaf
0.25	AberLasting	DoubleRoot Hybrid Clover
1.50	AberClaret	Red Clover
0.50	Puna II	Perennial Chicory
0.75	Tonic	Plantain
1.00	Mixed Herb Pack	
14.00		

#### Mixed Herb Pack

50% Burnet, 10% Yarrow,  
20% Sheep's Parsley, 20% Plantain

### Cutting

#### CS Adapt Heavy Land Cutting

Specially designed for flood prone land, this mixture is designed to withstand challenging conditions. The deep rooting soft leaf tall fescues are more tolerant to both flooding and drought than shallow rooting species. Suited to a 2-cut silage system, with backend grazing.

Kg/pack	Variety	Type
3.00	AberChoice	Perennial Ryegrass Late Diploid
3.25	AberBann	Perennial Ryegrass Late Diploid
6.00	GS Structuur	Soft Leaf Tall Fescue
1.00	Comer	Timothy
0.50	AberHerald	White Clover Medium Leaf
0.25	AberLasting	DoubleRoot Hybrid Clover
14.00		

# The sustainable agriculture system of the future starts with seeds.

The Germinal Climate Smart mixture ranges have been developed to support sustainable production. They include world-leading hybrid clovers, multi-species ecosystem heroes, biodiversity boosters and soil improvers.

All of these are available with our award-winning net zero hero, Aber High Sugar Grass, the ultimate forage powerhouse scientifically proven to reduce emissions.



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The mixtures in this brochure are correct at the time of going to press and the supplies of the varieties used in the mixtures should be adequate for this season. If, however, we do run short of some, they will be replaced by the next best available variety.

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