

grass & clover  
varieties for Scotland  
2025 - 2026



SRUC  
Grass and Clover Varieties for Scotland  
Grass Levy Scheme

The agricultural industry in Scotland is co-operating in a scheme to ensure the continuation of the SRUC List of Recommended Grasses and Clovers.



The scheme, with the support of NFUS, SSTA, AIC, FAC and BSPB involves a contribution of 3.2p per kg of herbage seed sold.

Merchants participating in the scheme, listed on the page opposite, have exclusive access to the detailed SRUC information on herbage varieties.

Participating merchants display the special SRUC logo on seed bags, invoices etc.

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SRUC West Mains Road, Edinburgh, EH9 3JG.

Cover photo: Aberdeen trial centre at Kirkton of Kinellar

## List of merchants participating in the grass levy scheme (at 30/6/25)

ACT Scotland	Horizon Seeds
Charles Acheson Adjustments	Hubbards Seeds
Advanced Agricultural Services	Hurrell & McLean Seeds Ltd
Agrii Scotland	Limagrain UK Ltd.
Agrovista UK Ltd	W. N. Lindsay Ltd.
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Carrs Billington Agriculture Ltd.	Nickerson UK
Clark & Weir Ltd.	Frank Nicol (Dingwall)
Clyde Agriculture Ltd.	Nutriscot Ltd.
DLF Seeds Ltd.	NWF Agriculture Ltd.
Dods of Haddington Ltd.	Procam Robertson Crop Services
Don Valley	Roadhead Farm Feeds
East Coast Viners	Scotgrain Agriculture Ltd.
Murray Duguid Ltd.	Seed Logistics Ltd.
Murray Farmcare Ltd.	A & T Simpson
John Dun & Co. Ltd.	L S Smellie & Sons Ltd.
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Germinal GB Ltd.	Solway Agriculture Ltd.
East of Scotland Farmers Ltd.	Strathmore Agribusiness
Frontier Agriculture Ltd.	Tarff Valley Ltd.
W & A Geddes Ltd.	J I Warnock - Agriculture
Grampian Grain Ltd.	John Watson Seeds Ltd.
Greenland Seeds	R M Welch & Son Ltd.
Harbro Ltd.	R W Warnock Ltd.
H F Seeds	
John Hogarth Ltd.	

SRUC gratefully acknowledges the contribution of the Scottish Government and plant breeders through their payments for National Variety List Trials.

The contribution from SSTA towards the costs of this publication is gratefully acknowledged.

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## Introduction

The grass and clover varieties included in this publication are classified according to their potential usefulness for agricultural purposes under Scottish conditions. The classification is based on accumulated data from the variety evaluation programmes of SRUC and is reviewed annually. Where new information becomes available or older varieties become outclassed, merit ratings are adjusted accordingly. Assessment of some species is incomplete, but interim ratings are given where available.

The lists of varieties are based on the UK National Variety List for each species though a number of varieties now withdrawn from the National List but still marketed through the Common Catalogue are included. Varieties intended for export only and those not intended for fodder production are omitted. Information on other species not mentioned in this booklet may be available on application.

No indication is given of seed availability of individual varieties, as various factors govern seed production and demand. New varieties are often scarce until stocks are built up. Usually a satisfactory alternative of similar type is available, but in case of difficulty advice should be sought from SRUC.

## Information Given in SRUC Varfile

The Index of Varieties (pp 10 - 18) lists varieties of the major species in alphabetical order with a summary of their ratings. First Choice varieties are highlighted by capitals. More detailed information on the First Choice varieties is presented in the Summary of Characters Tables to which page number the reader is referred in the last column of the Index.

In the Summaries perennial ryegrass varieties are divided into early, intermediate and late maturity groups according to REE (see page 3) and tetraploid varieties (indicated by (T) in the Index) are presented separately from diploid varieties. Maturity and ploidy types are tabulated together in all other species. In all cases varieties are listed in order of REE.

Information on the Seasonal Growth Patterns under appropriate management(s) for the species together with brief Descriptions outlining major strengths and weaknesses and the role for which they are best suited complete the information for the First Choice varieties.

## Source of Variety

Code letters are used to indicate countries of origin in Table 1.

*Table 1: Code letters for countries of origin of varieties*

A	Austria	IRL	Ireland
B	Belgium	NL	Netherlands
CDN	Canada	NZ	New Zealand
D	Germany	S	Sweden
DK	Denmark	CH	Switzerland
F	France	CZ	Czech Republic
GB	Great Britain		

## Maturity Groups of Grass Varieties

Within each grass species, varieties are arranged in maturity groups according to their date of heading or ear emergence. Mean dates are derived from spaced plant observations and are adjusted for growth in swards under Scottish conditions. This mean date, when ears can just be seen on fifty percent of the fertile tillers (even if only the tips are visible), is known as the 50% Ear Emergence date of a variety; it is then related to the number of days from the beginning of May and from it the Relative Ear Emergence (REE) value is obtained.

Ear emergence dates vary from year to year (see Table 2) depending on the season and are later in more northerly and in upland areas. However, in all but extreme seasons, differences between varieties are fairly constant. Thus, irrespective of year, latitude, altitude, management or manuring, the late perennial ryegrass Evocative (REE 55) reaches 50% EE about 30 days after Moyola (REE 25).

Mean heading dates of varieties Kilrea (REE 28) at the three Scottish Trial centres are shown in Table 2. The centre means are derived from observations over 15 years (2010 - 2024).

**Table 2: Mean dates of 50% Ear Emergence of Kilrea perennial ryegrass, 2010 to 2024**

	Mean date					
Centre	2010-2024	2024	2023	2022	2021	2020
Aberdeen Latitude 57° 11'N Altitude 107 m	22 May	19/05	23/05	14/ 05	03/06	24/05
Auchincruive Latitude 55° 29'N Altitude 46 m	20 May	20/05	18/05	27/05	27/05	16/05
Edinburgh Latitude 55° 53'N Altitude 198 m	17 May	13/05	16/05	12/05	19/05	16/05
All Centres	20 May					

Precise information on heading dates is important as a guide to cutting dates for silage and hay, because of the relationship between heading dates and herbage digestibility (a measure of feed quality often expressed as D-value). As ear emergence progresses, digestibility falls rapidly and delay in cutting will lead to a poorer quality conserved product. Knowledge of relative heading dates enables seeds mixtures for conservation to be chosen so that a succession of crops of the required digestibility can be harvested. Information on D-value for First and Second choice varieties at the main conservation cuts are included in Summary of Characters tables.

In the UK system of classification, the varieties of each species are grouped independently according to maturity. Perennial ryegrass and timothy extend over three groups, and cocksfoot over two. The groups are described in Table 3.

**Table 3: REE values and maturity groups**

Species	Early	Intermediate	Late
Perennial ryegrass	Up to 30	31-45	Over 45
Timothy	Up to 55	56-61	Over 61
Cocksfoot	Up to 28	-	Over 28

Italian and hybrid ryegrasses are each considered as a single maturity group.

## Earliness

Although date of ear emergence of a variety within a particular species is closely associated with earliness of spring growth, each species has a distinctive seasonal growth pattern.

Timothy has earlier spring growth than its time of heading suggests, while cocksfoot may have late spring growth associated with relatively early heading dates. Italian ryegrasses have earlier spring growth than perennial ryegrasses of corresponding dates of ear emergence.

## Leaflet Size Grouping of White Clover

White clover varieties are classified by the size (length x breadth in mm) of the terminal leaflet, ranging from the small leaved AberAce (392) to the very large leaved Aran (1526). The groups are described in Table 4.

*Table 4: Classification of white clover by leaflet size*

S	Small	Varieties with leaflets smaller than Crusader (<819)
M	Medium	Varieties with leaflets equal to or larger than Crusader but smaller than or equal to Merwi (819-900)
L	Large	Varieties with leaflets larger than Merwi but smaller than Triffid (901-1220)
VL	Very Large	Varieties with leaflets equal to or larger than Triffid (>1220)

In the Summary of Characters tables (pp 47 - 50) white clover leaflet sizes are presented relative to that of Grasslands Huia.

The smaller leaved varieties tend to have a more prostrate, creeping growth habit and persist well under grazing. The more erect growing larger leaved varieties tend to be better suited to lenient grazing or cutting as they can compete better with the companion grass.

## Maturity Groups of Red Clover

Red clover is classified into two groups based on flowering dates. The Early (E) group includes those varieties previously known as "broad leaved" while the Late (L) group includes varieties formerly termed "late flowering".

Varieties in the early group are earlier in spring growth and flower about two weeks earlier than those in the late group. Early varieties bulk up fast and produce 40 - 50% of total annual yield at the first cut compared with 50 - 60% for the lates. Varieties in the late group are more persistent.

## Performance Characteristics

Varieties are classified according to their performance in relation to standard varieties. Data for each management from all three centres is combined to achieve a single SRUC Rating for the whole of Scotland. Differences in performance between centres or between managements are noted within the variety descriptions.

### SRUC Rating

The main characteristics in determining SRUC Rating are total annual dry matter yield and its seasonal distribution under conservation and simulated grazing management systems, ground cover, quality as indicated by D-value, winter hardiness and susceptibility to disease.

*Table 5: Interpretation of Ratings*

1.	First choice
2.	Second choice - slightly poorer than Class 1 varieties in one or more characteristics.
3.	Poorer varieties acceptable only when Class 1 or 2 varieties are not available.
4.	Poor varieties considered unsuitable.

First choice recommended varieties are regularly retested with ratings subject to review.

First choice ratings may be qualified as follows:

(P) **Provisional rating.** Further trials currently in progress.

(\*) **Downgrading.** Where a variety appears to be less valuable than its original rating, an asterisk is added which indicates that it will probably be downgraded in a later edition.

(+) **Variety under retest.** Changes in the delineation between maturity groups or varieties on the border between groups have sometimes resulted in varieties being tested in the adjacent group. These varieties have been rated but are currently in retest in the correct group. No D-value information is presented for these varieties.

### Annual and Seasonal Yields

For perennial ryegrass and timothy species the Summary of Characters tables give total mean Annual DM Yields. Data are presented both for Conservation and Grazing managements derived from an Alternating management with Conservation in harvest years 1 and 3 and Grazing in year 2.

Conservation management comprises 4-5 cuts/year (cutting height 6 cm), cuts 1 and 2 being taken as the main silage cuts at estimated 67 D-value.

Grazing management comprises cuts taken at three week intervals during the April-June period followed by monthly cutting after 1st July (cutting height 3 cm).

For Italian and hybrid ryegrasses the Combined Management comprises an early grazing cut followed by two main silage cuts, then autumn growth measured by grazing cuts. Yield information in the year of sowing is given for these species, where available.

In white clover yields of total herbage and of clover are presented for Harvest Years 2 and 3, no harvesting of Year 1 being carried out.

For all First Choice varieties differences in Seasonal Growth Distribution may be identified by reference to growth patterns presented in chart form.

Both annual and seasonal yields are expressed as a percentage of a standard variety within the maturity group. The standard varieties chosen are Kilrea, Premium and Pastour for diploid perennial ryegrasses and AberTorch, Aubisque and Twymax for tetraploids. Ligrande is the standard for Italian and hybrid ryegrasses.

Clover yields are presented for total herbage DM production and for clover yield expressed as a percentage of the standard varieties Kent Wild White, Grasslands Huia and Alice.

### **Ground Cover**

Maintaining a good ground cover indicates the ability of a variety to survive and contribute to total yield. The ratings are based on measurement of both persistency (change in ground cover from establishment year onwards) and overall sward density. Ground cover is expressed on an A-E scale, A being highest. Each species is graded separately.

White clover ratings are given for light defoliation (5-6 cuts/year at cutting height 3 cm) and hard defoliation (17-18 cuts/year at cutting height 2 cm).

### **Winterhardiness**

Winterhardiness is an important characteristic in hill and upland areas, particularly in the north. Winter damage is most common among the ryegrasses; other species, such as cocksfoot, may also be affected but to a lesser degree. There is a marked variation in varietal susceptibility and care should be taken in selection of varieties for areas where winter damage is prevalent.

Special trials conducted at an upland site in Banffshire (300 m above sea level), together with observations collected during routine variety testing at the three Scottish Centres, have enabled most ryegrasses to be classified. Five categories, from "A" hardest to "E" least hardy are used. Each species is graded separately and since Italian is generally less hardy than perennial ryegrass an "A" perennial is considerably harder than an "A" Italian. Hybrid ryegrass is assessed with Italian.

## **Mildew Resistance**

Powdery mildew (*Erysiphe graminis*) mainly affects ryegrasses, especially Italian ryegrass, and is the most common disease of established grass in Scotland. A fungal disease, mildew takes time to develop so its characteristic white powdery pustules are mainly of importance in crops set up for conservation. Resistance is expressed on an A-E scale, A being most resistant.

## **D-value**

Previously discussed on page 4, D-values at the main conservation cuts in the ryegrasses are expressed relative to the Control, a positive value indicating a higher D-value and a negative value lower. D-value under grazing management is also given, derived from the early August cut.

## **Breeder / UK Agent**

The variety descriptions within the Varfile present a brief pen picture of the variety highlighting particular strengths or weaknesses.

The description also contains the breeder, country of origin and UK Agent or Maintainer of the variety. The addresses of the UK agents/Maintainers are listed on page 57.

## SRUC Varfile

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Index of Varieties  
*Perennial Ryegrass*

Table 6

Name	Source	Maturity		SRUC rating	Ground cover	Winter hardiness	See page
		REE	Group				
ABERAVON	GB	47	L	1(*)	B	B	30
ABERBANN	GB	51	L	1	A	B	30
ABERBITE (T)	GB	50	L	1	C	B	36
ABERCHOICE	GB	55	L	1	A	A	30
ABERCLYDE (T)	GB	37	I	1	C	A	27
ABERDON	GB	58	L	1(P)	A	-	30
ABERESK	GB	46	I	1(P)	B	-	30
ABERFORTH (T)	GB	46	L	1(P)	C	-	36
ABERGAIN (T)	GB	49	L	1	C	A	36
ABERGREEN	GB	43	I	1	A	B	22
ABERLEE	GB	55	L	1	A	A	30
ABERLIFFEY	GB	53	L	1(P)	A	-	30
ABERMAGIC	GB	42	I	1	A	B	22
ABERPLENIFUL (T)	GB	53	L	1	C	B	36
ABERSEVERN	GB	45	L	1(P)	A	-	30
ABERSPEY (T)	GB	44	I	1	B	A	27
ABERTEST	GB	47	L	1(P)	-	-	30
ABERTORCH (T)	GB	20	E	1	C	A	19
ABERTWEED	GB	43	I	1(P)	A	-	22
ABERWOLF	GB	40	I	1	A	B	22
ABERZEUS	GB	40	I	1	A	B	22
AGASKA	DK	43	I	1	B	B	22
Alecto	DK	42	I	2	B	-	-
ALFONSO (T)	GB	47	L	1	B	A	36
ANGORAT	DK	47	L	1(P)	A	-	30
ARDRESS (T)	GB	47	L	1(P)	B	-	36
Arelio	D	40	I	2	B	-	-
Arsenal	NL	39	I	2	A	-	-
ASPECT (T)	NL	49	L	1	C	A	36
AstonBonus (T)	GB	42	I	2	B	-	27
ASTONCHIEFTAIN	GB	52	L	1	C	-	30
AstonConqueror	GB	37	I	2	A	-	-
AstonEnergy (T)	GB	45	I	3	C	-	-
AstonEnvoy	GB	39	I	3	A	-	-
AstonGlory (T)	GB	50	L	2	B	-	-
AstonLord	GB	43	I	2	A	-	-
AstonPrincess (T)	GB	51	L	2	B	-	-

(P) Provisional rating  
(\* ) Downgrading See page 6

Name	Source	Maturity		SRUC rating	Ground cover	Winter hardiness	See page
		REE	Group				
AstonVision(T)	GB	40	I	3	B	-	-
Askrig	DK	48	L	3	A	-	-
ASTRIAN (T)	DK	38	I	1(P)	C	-	27
BALLINTOY(T)	GB	46	L	1	C	A	36
BALLYVOY	GB	47	L	1	B	A	30
BANBRIDGE (T)	GB	35	I	1(P)	C	-	27
BANDON	IRL	48	L	1(P)	C	-	30
Bartui	NL	38	I	2	A	-	-
BARWAVE (T)	GB	28	E	1(P)	C	-	19
BELVEDERE	IRL	37	I	1(P)	C	-	22
BIJOU (T)	F	46	L	1	C	B	36
BOMIUM	DK	47	L	1(P)	B	-	30
BOWIE	DK	62	L	1(*)	A	-	30
BOYNE	DK	33	I	I	B	C	22
CALEDON (T)	GB	44	I	1	C	A	27
Calibra (T)	DK	38	I	2	C	A	-
CALLAN	GB	46	L	1	B	B	30
Calao (T)	F	48	L	2	C	-	-
CASTLEWELLAN (T)	GB	39	I	1 (P)	C	-	27
Chatsworth (T)	IRL	43	I	2	B	-	-
Convey (T)	DK	43	I	2	C	-	-
Corinium	DK	45	L	3	A	-	-
CRAIGOWEN	IRL	49	L	1(P)	B	-	30
CROSSGAR	GB	50	L	1(P)	A	-	30
DELICADIO (T)	GB	53	I	1(P)	C	-	36
Delika	B	53	L	2	A	-	-
DIORAMA (T)	DK	44	I	1(*)	B	-	27
DRIFT (T)	NL	47	L	1	C	A	36
DRUMBO	GB	50	L	1(*)	B	B	30
Duncannon (T)	DK	42	I	3	B	-	-
DUNDROD	GB	47	L	1	B	B	30

(P) Provisional rating

(\*) Downgrading See page 6

Name	Source	Maturity		SRUC rating	Ground cover	Winter hardiness	See page
		REE	Group				
DUNLUCE (T)	GB	43	I	1	C	A	27
Elysium (T)	IRL	41	I	2	B	-	-
EVOCATIVE	DK	55	L	1(*)	B	A	30
Explosion (T)	D	42	I	3	C	-	-
Farmington	DK	43	I	3	A	-	-
FINTONA (T)	GB	32	I	1	C	B	27
FROGMORE	IRL	48	L	1(P)	B	-	30
GALGORM	GB	36	I	1	B	B	22
GENESIS	IRL	23	E	1	B	B	19
Glasker	IRL	31	E	2	B	-	-
Glenariff	GB	39	I	2	B	C	-
Glenarm	UK	49	L	2	B	-	-
GLENFIELD (T)	IRL	47	L	1(*)	-	-	36
GLENROCK	IRL	52	L	1	B	B	30
GOLDWELL	D	38	I	1(P)	B	-	22
GOSFORD	GB	42	I	1	B	B	22
GRACEHILL (T)	GB	47	L	1	C	B	36
GRAPHIC	DK	48	L	1(P)	A	-	30
Gusto	D	44	I	2	B	-	-
Hurricane (T)	F	48	L	2	B	-	-
Jacuzzi (T)	DK	49	L	2	B	-	-
Kanaveral (T)	F	51	L	3	C	-	-
KILLYLEA (T)	GB	49	L	1	C	-	36
Lathorn (T)	DK	48	L	2	B	-	-
MEIDUNO (T)	NL	47	L	1	C	C	36
MOIRA	GB	38	I	1	B	B	22
MOYOLA	GB	25	E	1	B	C	19
Nabesna	DK	40	I	2	A	-	-
NASHOTA (T)	DK	49	L	1	B	A	36
NIFTY	DK	38	I	1	A	A	22
Nirmal	F	40	I	2	A	-	-
Oakpark	IRL	48	L	2	A	-	-
OPTIMUS (T)	DK	49	L	1(P)	C	-	36

(P) Provisional (\*) Downgrading

See page 6

Name	Source	Maturity		SRUC rating	Ground cover	Winter hardiness	See page
		REE	Group				
PENSEL (T)	NL	44	I	1	C	A	27
RACCOON	DK	35	I	1(P)	A	-	22
Reagill (T)	DK	46	L	2	C	-	-
RICHHILL (T)	GB	46	L	1(P)	B	-	36
Ritchie (T)	DK	38	I	2	B	-	-
Roar (T)	DK	49	L	2	C	-	-
Saqui	DK	49	L	2	A	-	-
Sator (T)	D	43	I	2	C	-	-
SCARTOP	DK	47	L	1(P)	B	-	30
SEAGOE (T)	GB	35	I	1	C	B	27
Sheridan	DK	34	I	2	A	-	-
SPECTRE (T)	DK	48	L	1(P)	B	-	36
STRANGFORD	GB	35	I	1	B	B	22
SWAN	DK	52	L	1(*)	A	-	30
THEGN	DK	30	L	2	B	-	-
TIMUCO	DK	54	L	1(P)	B	-	30
Timing	DK	50	L	2	A	-	-
TODDINGTON	DK	49	L	1 (*)	A	B	30
TOLLYMORE (T)	GB	34	I	1(P)	C	-	27
TWYMAX (T)	GB	51	L	1	B	A	36
WETHERBY	DK	45	L	1	A	B	30
Weldone (T)	DK	47	L	2	B	-	-
Xenon (T)	NL	52	L	2	B	-	-
Youpi (T)	F	52	L	2	C	-	-
Jacuzzi (T)	DK	49	L	2	B	-	-
Zorgue	DK	51	L	3	A	-	-

(P) Provisional rating

(\*) Downgrading See page 6

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### *Italian Ryegrass*

**Table 7**

Name	Source	Maturity REE	SRUC rating	Ground cover	Winter hardiness	See page
ALAMO	NL	34	1	A	D	41
Ascari	DK	38	2	A	-	-
BARIMAX (T)	NL	34	1	C	D	41
BIGDYL	F	33	1	B	-	41
Barmultra II (T)	NL	30	2	C	-	-
Danergo (T)	DK	34	2	B	B	-
DOLORES	GB	36	1	A	-	41
DORIKE (T)	NL	29	1	C	-	41
Doluga	D	32	2	B	-	-
EXOTYL (T)	F	35	1	C	B	41
Fabio (T)	NL	28	2	B	-	-
Fox	NL	32	2	A	-	-
GEMINI (T)	B	30	1	B	D	41
Hunter (T)	D	30	2	B	-	-
Itaka	DK	33	2	B	-	-
Itarzi	DK	28	3	B	-	-
Jaccar	F	34	2	B	-	-
Kigezi (T)	DK	30	3	B	-	-
Lemtal RvP	B	35	2	A	C	-
MELPRIMO	B	36	1	A	C	41
Melsprinter (T)	B	33	2	C	-	-
MERIBEL	B	32	1	A	C	41
MESSINA (T)	B	34	1	C	C	41
Muriello	B	32	2	B	-	-
Pepsyl	F	34	2	B	-	-
Pinaco	F	34	2	B	-	-
Ripsy	F	34	3	B	-	-
Shakira	D	29	3	B	-	-
Silvius (T)	B	35	3	C	-	-
Steel	FR	32	3	B	-	-
TOREADOR	D	34	1	B	-	41
Udine (T)	DK	29	3	B	-	-

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### *Hybrid Ryegrass*

**Table 8**

Name	Source	Maturity REE	SRUC rating	Ground cover	Winter hardiness	See page
ABERECHO (T)	GB	27	1	A	B	43
ABEREDGE (T)	GB	34	1	B	C	43
ABEREVE (T)	GB	34	1	A	B	43
AberImage (T)	GB	39	2	B	-	-
AberJade (T)	GB	32	2	B		
AberOpal (T)	GB	35	2	C	-	-
Acrobat (T)	F	28	3	A	-	-
Amalgam (T)	NL	37	3	A	-	-
Aston Crusader (T)	GB	32	1	A	-	43
Bahial (T)	F	34	3	A	-	-
BARCLAMP	NL	39	1	A	E	43
Barlaunch	NL	32	2	B	-	-
Barsilo	NL	37	3	A	D	-
Cabestan (T)	F	34	2	C	-	-
Enduro (T)	F	30	2	A	-	-
HYMER (T)	B	33	1	A	A	43
Kirial (T)	F	34	3	A	-	-
Novial (T)	F	31	3	A	-	-
Olicana (T)	DK	31	2	B	-	-
Perkins (T)	D	33	2	B	-	-
PIROL	D	33	1	A	-	43
RGT Cordial (T)	F	35	2	A	-	-
Solid (T)	DK	29	2	A	A	-
Tetragraze (T)	DK	31	3	A	-	-
Utomial (T)	F	32	2	B	-	-

## Festulolium\*

**Table 8a**

Name	Source	Maturity REE	SRUC rating	Ground cover	Winter hardin ess	See page
AberNiche	GB	37	2	B	-	-
AberRoot	GB	35	3	C	-	-
Perseus (T)	DK	37	3	A	-	-

\* Festulolium (= crosses between Tall/Meadow Fescues & Perennial/Italian Ryegrasses)

## Index of Varieties

### *Timothy*

*Table 9*

Name	Source	Maturity REE	Group	SRUC rating	Ground cover	See page
BARONAISE	NL	58	I	1	A	45
Cantal	F	55	E	2	B	
Climax	CDN	55	E	3	-	-
COMER	B	53	E	1	A	45
COMTAL	NL	55	E	1	B	45
DOLINA	B	53	E	1	B	45
Erecta RvP	B	54	E	2	B	-
Presto	NL	53	E	2	B	-
PROMESSE	NL	54	E	1	A	45
SCOTS	GB	51	E	1	C	45
Winnetou	DK	56	I	3	A	-

### *Cocksfoot*

*Table 10*

Name	Source	Maturity		SRUC rating	Ground cover	First listed
		REE	Group			
Ludovic	F	-	L	-	-	2003
SPARTA	DK	29	L	1	A	1982

No further information is presented for cocksfoot varieties.

## Index of Varieties

### *White Clover*

**Table 11**

Name	Source	Leaflet size	SRUC rating	Ground cover		See page
				L	H	
AberAce	GB	S	2	B	A	-
ABERDAI	GB	M	1	A	B	47
ABERHERALD	GB	M	1	A	C	47
AberLasting	GB	S	3	C	B	-
ABERPEARL	GB	S	1	A	A	47
AberSirius	GB	L	2	A	B	-
ABERSWAN	GB	M	1	A	B	47
ABERYSTWYTH S184	GB	S	1	B	A	47
ALICE	GB	L	1	A	C	48
ARAN	IRL	VL	1	B	C	48
BARBLANCA	NZ	L	1	B	C	48
BUDDY	IRL	M	1	A	B	47
BRIANNA	DK	VL	1	B	B	48
CLODAGH	IRL	L	1(P)	A	B	48
Coolfin	IRL	M	2	A	B	-
CRUSADER	NZ	M	1	A	B	47
DUBLIN	IRL	L	1	A	B	48
DUNGLOE	IRL	L	1(P)	A	B	48
Edith	S	L	3	B	C	-
Grassland Bounty	NZ	M	2	A	B	-
GRASSLANDS DEMAND	NZ	S	1	A	A	47
Grasslands Huia	NZ	M	2	B	B	-
Grasslands Pitau	NZ	L	3	B	B	-
Grasslands Tribute	NZ	M	2	B	B	-
IONA	IRL	M	1	A	B	47
Kakariki	NZ	VL	2	B	C	-
KATY	NZ	L	1	B	B	48
MERWI	B	M	1	B	C	47
MUNIDA	CH	L	1(P)	B	B	48
RIVENDEL	DK	S	1	B	B	47
RURU	NZ	L	1(P)	B	C	48
Quartz	NZ	L	3	A	B	-
VIOLIN	DK	L	1	A	B	48

(P) Provisional rating, see p6

## Index of Varieties

### *Red Clover*

*Table 12*

Name	Source	Group	Rating	First listed
Altaswede	CDN	L	2	1978
Essex Broad Red	GB	E	6	1973
MERVIOT	B	E	1	1980

The following varieties comprise a Descriptive List

Name	Source	Group	Status	see page
AberClaret	GB	E	DL	53
Amos (I)	CZ	E	DL	53
Atlantis (I)	D	E	DL	53
Diplomat	D	E	DL	53
Fearga	IRL	E	DL	53
Ganymed	DK	E	DL	53
Global	B	E	DL	53
Harmonie	D	E	DL	53
RGT Javva	F	E	DL	53
Magellan (I)	D	E	DL	53
Merula	CH	E	DL	53
Milvus	CH	E	DL	53
Sinope	DK	E	DL	53

PRG - First choice early diploids - *Summary of Characters*

Variety	Genesis	Moyola
REE	23	25
<b>Conservation Yield (%Kilrea)</b>		
Year 1	108	105
3	113	112
Mean 1 + 3	110	108
<b>Grazing Yield (%Kilrea)</b>		
Year 2	109	114
<b>Ground Cover</b>	B	B
<b>Winterhardiness</b>	B	C
<b>Mildew Resistance</b>	A	A
<b>D-value</b> cut 1	-2.7	-2.7
+ Kilrea cut 2	+0.1	-0.8
grazing	+0.7	+0.8
<b>Source</b>	IRL	GB
<b>First listed</b>	2009	2009

PRG - First choice early tetraploids - *Summary of Characters*

Variety	AberTorch	Barwave
REE	20	28
<b>Conservation Yield (%AberTorch)</b>		
Year 1	100	110
3	100	105
Mean 1 + 3	100	108
<b>Grazing Yield (% AberTorch)</b>		
Year 2	100	112
<b>Ground Cover</b>	C	C
<b>Winterhardiness</b>	A	-
<b>Mildew Resistance</b>	B	-
<b>D-value</b> cut 1	=	+1.6
+ AberTorch cut 2	=	+0.1
grazing	=	+0.4
<b>Source</b>	GB	NZ
<b>First listed</b>	2000	2022 (P)

## Perennial ryegrass First Choice Early Diploids

### *Seasonal Growth under Conservation*

	<u>1<sup>st</sup> cut</u>		<u>2<sup>nd</sup> cut</u>		<u>3<sup>rd</sup> cut</u>	<u>Aftermath</u>	Total yield % Kilrea
		D value		D value			
<b>Kilrea</b>	6.0 t	66.3	3.0 t	70.7	2.9 t	2.5 t	14.6 t DM/ha
<b>Genesis</b>	116	63.4	106	70.8	107	103	110
<b>Moyola</b>	112	63.6	101	69.9	107	109	108

### *Seasonal Growth under Grazing*

	<u>-May</u>	<u>May/June</u>	<u>July/Aug</u>	<u>Sept-</u>	D value	Total yield % Kilrea
<b>Kilrea</b>	2.0t	3.8t	2.5t	1.1 t	73.1	9.5t DM/ha
<b>Genesis</b>	121	105	107	105	73.8	109
<b>Moyola</b>	123	104	117	121	73.9	114

## Perennial ryegrass First Choice Early Tetraploids

### *Seasonal Growth under Conservation*

	<u>1<sup>st</sup> cut</u>		<u>2<sup>nd</sup> cut</u>		<u>3<sup>rd</sup> cut</u>	<u>Aftermath</u>	Total yield %AberTorch
		D value		D value			
<b>AberTorch</b>	6.7 t	65.9	3.1 t	71.4	2.9 t	2.2 t	14.9 t DM/ha
<b>AberTorch</b>	100	65.9	100	71.4	100	100	100
<b>Barwave (P)</b>	102	67.5	107	71.5	113	122	108

### *Seasonal Growth under Grazing*

	<u>-May</u>	<u>May/June</u>	<u>July/Aug</u>	<u>Sept-</u>	D value	Total yield % AberTorch
<b>AberTorch</b>	2.3t	3.7t	2.5t	1.1 t	74.4	9.6t DM/ha
<b>AberTorch</b>	100	100	100	100	74.4	100
<b>Barwave (P)</b>	114	110	120	125	76.4	115

## Variety Descriptions - Early Varieties

### *Diploid*

#### **Genesis** *Teagasc (IRL) / DLF Seeds*

Exceptionally high yielding under both managements with very good early spring growth. Will require cutting early to achieve good quality silage.

#### **Moyola** *AFBI (GB) / Barenbrug UK*

Again exceptionally high yielding under both managements with very good growth both early and late in the season. Will require cutting early to achieve good quality silage.

### *Tetraploid*

#### **AberTorch (T)** *IBERS (GB) / Germinal GB Ltd*

In a group with limited choice provides excellent yields under both managements. Outstanding spring growth under grazing and good first conservation cut of good quality. Slightly susceptible to mildew.

#### **Barwave (T)** *AFBI (GB) / Barenbrug UK*

Towards the later end of the Early group this variety provides very good yields for grazing throughout the year and for conservation at 2nd and 3rd cuts.

**Perennial Ryegrass - First choice intermediate diploids - Summary of Characters**

Variety	Boyne	Strangford	Raccoon	Galgorm	Belvedere	Nifty	Goldwell	Moira	AberWolf	AberZeus	AberMagic	Gosford	Agaska	AberGreen	AberTweed
REE	33	35	35	36	37	38	38	38	40	40	42	42	43	43	43
<b>Conservation yield (% Premium)</b>															
Year 1	106	112	104	109	111	103	102	105	104	108	104	100	105	106	111
Year 3	108	108	105	109	109	102	107	108	102	105	105	106	104	104	109
Mean 1 + 3	107	110	105	109	110	102	105	106	103	107	104	103	105	105	110
<b>Grazing yield (% Premium)</b>															
Year 2	105	112	106	115	110	108	114	107	110	109	109	106	111	108	112
<b>Ground cover</b>	A	B	A	B	C	A	B	B	A	A	A	B	B	A	A
<b>Winterhardiness</b>	C	B	-	B	-	A	-	B	B	B	B	B	B	B	-
<b>Mildew resistance</b>	A	-	-	-	-	B	-	A	A	B	B	B	-	B	-
D Value Cut1	-1.8	+2.9	-2.2	-0.1	+0.6	+1.3	-0.1	-0.9	+1.8	+2.5	+2.6	+3.8	+1.3	+3.7	+4.8
± Premium Cut 2	-2.4	+1.2	-1.8	+2.6	+0.1	=	+0.6	+0.6	+2.0	+1.3	-1.0	+0.8	-1.2	+1.4	+3.6
Grazing	-1.0	-0.4	-0.8	+2.0	+1.9	+0.9	+2.8	=	+2.5	+2.9	+2.5	+2.7	+0.9	+1.9	+4.6
<b>Source</b>	DK	GB	DK	GB	IRL	DK	D	GB	GB	GB	GB	GB	DK	GB	GB
<b>First Listed</b>	2010	2020	2022 (P)	2018	2025 (P)	2014	2023 (P)	2014	2014	2016	2008	2016	2018	2011	2024 (P)

## Perennial ryegrass First Choice Intermediate Diploids

### Seasonal Growth under Conservation

	<u>1<sup>st</sup> cut</u>		<u>2<sup>nd</sup> cut</u>		<u>3<sup>rd</sup> cut</u>	<u>Aftermath</u>	<b>Total yield % Premium</b>
		D value		D value			
<b>Premium</b>	6.7 t	67.5	3.0 t	73.3	3.2 t	2.2 t	15.1 t DM/ha
<b>Boyne</b>	108	65.8	111	70.9	102	104	107
<b>Strangford</b>	111	70.4	98	74.5	106	122	110
<b>Raccoon (P)</b>	104	65.3	106	71.5	106	104	105
<b>Galgorm</b>	104	67.4	109	75.9	113	118	109
<b>Belvedere (P)</b>	104	68.1	119	73.4	108	116	110
<b>Nifty</b>	99	68.8	103	73.3	102	110	102
<b>Goldwell (P)</b>	99	67.4	108	73.9	114	96	105
<b>Moira</b>	105	66.6	101	73.9	109	114	106
<b>AberWolf</b>	99	69.4	110	75.3	103	106	103
<b>AberZeus</b>	102	70.0	111	68.3	110	110	107
<b>AberMagic</b>	100	70.1	111	72.3	102	113	104
<b>Gosford</b>	97	71.3	110	74.1	106	108	103
<b>Agaska</b>	101	68.8	114	72.1	100	107	105
<b>AberGreen</b>	98	71.3	115	74.7	104	113	105
<b>AberTweed (P)</b>	106	72.3	116	76.9	108	116	110

Perennial ryegrass First Choice Intermediate Diploids  
Seasonal Growth under Grazing

	-May	May/June	July/Aug	Sept-	D value	Total yield % Premium
<b>Premium</b>	2.0t	3.8t	2.6t	1.1 t	75.2	9.5t DM/ha
<b>Boyne</b>	109	102	107	105	74.2	105
<b>Strangford</b>	114	103	116	119	74.8	112
<b>Raccoon (P)</b>	113	101	106	112	74.4	106
<b>Galgorm</b>	114	110	120	125	77.2	115
<b>Belvedere (P)</b>	109	104	114	123	77.1	109
<b>Nifty</b>	102	106	114	115	76.2	108
<b>Goldwell (P)</b>	104	113	119	124	78.0	114
<b>Moira</b>	110	102	108	114	75.3	107
<b>AberWolf</b>	102	107	116	115	77.8	110
<b>AberZeus</b>	102	107	114	113	78.2	109
<b>AberMagic</b>	98	107	118	118	77.7	109
<b>Gosford</b>	101	101	114	114	77.9	106
<b>Agaska</b>	110	109	115	115	76.1	111
<b>AberGreen</b>	96	105	117	114	77.1	108
<b>AberTweed (P)</b>	108	110	115	124	79.8	112

## Variety Descriptions - Intermediate Diploid Varieties

### **Boyne** *DLF Seeds A/S (DK) / DLF Seeds*

Very good yields under both managements with very good early spring growth and over the grazing season as a whole. Will require cutting early to maintain quality at 1st Cut.

### **Strangford** *AFBI (GB) / Barenbrug UK*

Very good yields in year 1 conservation associated with high D value. High grazing values throughout the season. Particularly good grazing at Aberdeen and Edinburgh centres.

### **Raccoon** *DLF Seeds A/S (DK) / Limagrain UK*

Consistent good yielding variety throughout the year for both conservation and grazing.

### **Galgorm** *AFBI (GB) / Barenbrug UK*

High yields under grazing and particularly good yield in second conservation year with a high D value at second cut.

### **Belvedere** *Teagasc (IRL) / Goldcrop Ltd.*

**NEW**

High annual yields under both conservation and grazing. Yields fairly consistent throughout the growing season, with good late grazing yield.

### **Nifty** *DLF Seeds A/S (DK) / DLF Seeds*

Good grazing yields throughout the season

### **Goldwell** *DSV (D) / DSV (UK)*

Particularly good for mid to late season grazing in terms of yield and quality

### **Moira** *AFBI (GB) / Barenbrug UK*

Good yields under both cutting and grazing. Good early spring growth under grazing and good first cut yields under conservation.

### **AberWolf** *IBERS (GB) / Germinal GB Ltd*

Good yields under cutting. Very good yields under grazing throughout the season coupled with good grazing quality.

### **AberZeus** *IBERS (GB) / Germinal GB Ltd*

Excellent yields under both managements, particularly late season grazing. Also showing very good D- value under grazing.

**AberMagic** *IBERS (GB) / Germinal GB Ltd*

Very good variety for yield and quality under both cutting and grazing. Later heading within the group so first silage cut is moderate though of high quality. Excellent second and later cuts. Good autumn grazing growth with high quality and ground cover.

**Gosford** *AFBI (GB) / Barenbrug UK*

Generally good all round yields with particularly good mid to late season grazing productivity.

**Agaska** *DLF Seeds A/S (DK)/ DLF Seeds*

Grazing yield is particularly high and is consistently so throughout the season

**AberGreen** *IBERS (GB) / Germinal GB Ltd*

A broadly similar variety to AberMagic, good conservation and grazing yields especially mid season onwards. Good quality and ground cover.

**AberTweed** *IBERS (GB) / Germinal GB Ltd*

A variety showing very good over season yields for both conservation and grazing. . These are produced in conjunction with high quality values.

Perennial Ryegrass - First choice intermediate tetraploids - Summary of Characters

Variety	Fintona	Tollymore	Banbridge	Seagoe	AberClyde	Astrian	Castlewellan	Dunluce	AberSpey	Caledon	Diorama	Pensel
REE	32	34	35	35	37	38	39	43	44	44	44	44
<b>Conservation yield (% <i>Aubisque</i>)</b>												
Year 1	110	107	107	108	107	112	111	103	102	105	102	104
Year 3	110	109	108	108	103	107	114	102	99	106	103	101
Mean 1 + 3	110	108	108	107	105	110	113	102	101	106	103	103
<b>Grazing yield (% <i>Aubisque</i>)</b>												
Year 2	111	110	108	107	109	108	114	108	110	107	106	105
<b>Ground cover</b>	C	C	C	C	C	C	C	C	B	C	C	C
<b>Winterhardiness</b>	B	-	-	B	A	-	-	A	A	A	-	A
<b>Mildew resistance</b>	A	-	-	A	A	-	-	A	A	A	-	A
<b>D-value</b> Cut 1	-1.6	-0.2	+0.5	-1.4	+0.6	-0.6	-0.9	+3.2	+4.0	+1.6	+1.6	+2.2
<b>±Aubisque</b> Cut 2	+2.1	-0.2	-0.1	=	+2.1	-0.5	+0.3	-0.5	+0.8	-0.9	+0.5	-1.7
Grazing	-1.0	+0.4	-0.6	-0.5	-0.6	-0.2	=	+1.1	+2.3	-0.7	+1.9	-1.3
<b>Source</b>	GB	GB	GB	GB	GB	DK	GB	GB	GB	GB	DK	NL
<b>First Listed</b>	2014	2022 (P)	2023 (P)	2011	2013	2024 (P)	2025 (P)	2005	2017	2015	2021 (*)	2013

## Perennial ryegrass First Choice Intermediate Tetraploids

### Seasonal Growth under Conservation

	<u>1<sup>st</sup> cut</u>		<u>2<sup>nd</sup> cut</u>		<u>3<sup>rd</sup> cut</u>	<u>Aftermath</u>	Total yield % Aubisque
	value	D		D value			
<i>Aubisque</i>	7.1 t	68.1	3.3 t	73.4	3.1 t	2.1 t	15.6 t DM/ha
Fintona	106	66.4	108	75.2	112	120	110
Tollymore (P)	108	67.9	107	73.2	105	115	108
Banbridge (P)	108	68.6	109	73.3	106	108	108
Seagoe	110	66.7	102	73.3	104	110	107
AberClyde	106	68.7	104	75.3	103	103	105
Astrian (P)	112	67.5	105	72.9	109	112	110
Castlewellan (P)	110	67.2	109	73.7	114	124	113
Dunluce	90	70.4	116	72.6	110	113	102
AberSpey	92	72.1	107	74.2	104	113	101
Caledon	100	69.7	113	72.5	105	107	106
Diorama (*)	98	69.7	110	73.9	103	107	103
Pensel	100	70.3	110	71.5	101	103	103

### Seasonal Growth under Grazing

	-May	May/June	July/Aug	Sept-	D value	Total yield % Aubisque
<i>Aubisque</i>	1.9t	4.0t	2.9t	1.1 t	76.0	9.9t DM/ha
Fintona	116	109	110	114	75.0	111
Tollymore (P)	113	109	108	114	76.4	110
Banbridge(P)	109	106	108	114	76.4	108
Seagoe	111	100	110	107	75.4	107
AberClyde	111	109	108	107	76.7	109
Astrian (P)	106	106	107	119	75.8	108
Castlewellan(P)	113	109	117	131	76.0	114
Dunluce	97	109	114	112	77.1	108
AberSpey	106	107	107	113	78.3	110
Caledon	99	108	109	108	75.3	107
Diorama (*)	98	109	104	114	77.9	109
Pensel	101	103	112	102	74.7	105

# Variety Descriptions - Intermediate Tetraploid Varieties

## **Fintona (T) AFBI (GB) / Barenbrug UK**

Exceptional performance under both cutting and grazing, setting new standards in this group.

## **Tollymore (T) AFBI (GB) / Barenbrug UK**

Particularly good yield in third year conservation.

## **Banbridge (T) AFBI (GB) / Barenbrug UK**

Consistent over season yields along with good 1st cut herbage quality.

## **Seagoe (T) AFBI (GB) / Barenbrug UK**

Good conservation yields especially at first cut and in the first harvest year. Very good grazing yields for an intermediate tetraploid variety.

## **AberClyde (T) IBERS (GB) / Germinal GB Ltd**

Very good yields under both cutting and grazing throughout the season.

## **Astrian (T) DLF Seeds A/S (DK) / Limagrain UK**

Very good conservation yields , particularly at first cut.

## **Castlewellan (T) AFBI (GB) / Barenbrug UK**

**NEW**

Particularly good yielding variety for both conservation and grazing. Outstanding in the later part of the season.

## **Dunluce (T) AFBI (GB) / Barenbrug UK**

Good yields under both managements with good quality under grazing. Excellent in late summer and autumn though tends to be open in growth habit.

## **AberSpey (T) IBERS (GB) / Germinal GB Ltd**

Excellent later season yields for both cutting and grazing. Herbage quality very good, particularly at first cut conservation. Also shows good ground cover for tetraploid variety.

## **Caledon (T) AFBI (GB) / Barenbrug UK**

Good yields under both cutting and grazing.

## **Diorama (T) DLF Seeds A/S (DK) / Limagrain UK**

Particularly good late grazing variety.

## **Pensel (T) DLF Seeds A/S (DK) / Limagrain UK**

Good early season growth under both cutting and grazing for a variety heading at the end of the group. Good quality at first cut

**Perennial Ryegrass - First choice late diploids - Summary of Characters**

Variety	AberSevern	AberEsk	Wetherby	Callan	Ballyvoy	AberTest	Dundrod	AberAvon	Angorat	Bonium	Scartop	Bandon	Frogmore	Graphic	Craigowen	Toddington
REE	45	46	46	46	47	47	47	47	47	47	47	48	48	48	49	49
<b>Conservation yield (% Pastour)</b>																
Year 1	108	108	110	104	107	107	105	97	109	108	105	108	104	101	103	101
Year 3	107	104	106	104	104	101	105	95	107	110	99	110	102	104	105	101
Mean 1 + 3	107	106	108	104	106	105	105	96	108	109	102	109	103	102	104	101
<b>Grazing yield (% Pastour)</b>																
Year 2	118	115	106	105	100	109	105	104	106	109	103	115	108	103	106	99
<b>Ground cover</b>	A	B	A	B	B	A	B	A	A	B	B	C	B	A	B	A
<b>Winterhardiness</b>	-	-	-	-	-	-	B	B	-	-	-	-	-	-	-	B
<b>Mildew resistance</b>	-	-	-	-	-	-	-	B	-	-	-	-	-	-	-	A
<b>D-value</b> Cut 1	+2.7	+1.9	+0.9	+1.1	+1.5	+2.6	+1.9	+2.7	+1.1	+2.7	+1.3	+2.7	+2.5	+0.3	+4.3	+0.4
<b>+ Pastour</b> Cut 2	+4.6	+4.8	+1.4	+1.9	+2.8	+4.4	+0.4	+1.6	+0.7	+2.2	+0.1	+2.5	+1.5	+1.1	+0.6	+0.9
Grazing	+5.3	+4.6	+1.8	+0.4	+1.9	+3.1	+0.3	+3.2	+1.4	+1.3	+0.6	+1.8	+3.1	+0.8	+2.2	-1.0
<b>Source</b>	GB	GB	DK	GB	GB	GB	GB	GB	DK	DK	DK	IRL	IRL	DK	IRL	DK
<b>First Listed</b>	2023 (P)	2025 (P)	2021	2018	2020	2020 (P)	2019	2001 (*)	2025 (P)	2024 (P)	2025 (P)	2023 (P)	2025 (P)	2023 (P)	2025 (P)	2012 (*)

Perennial Ryegrass - First choice late diploids - Summary of Characters

Variety	Drumbo	Crossgar	AberBann	Aston Chieffrain	Swan	Glenrock	AberLiffey	Timuco	AberChoice	AberLee	Evocative	AberDon	Bowie
REE	50	50	51	52	52	52	53	54	55	55	55	58	62
<b>Conservation yield (% Pastour)</b>													
Year 1	97	105	100	103	100	101	106	104	102	95	102	101	94
Year 3	95	98	101	101	96	101	109	101	98	96	100	99	96
Mean 1 + 3	96	102	100	102	98	101	107	103	100	95	101	100	95
<b>Grazing yield (% Pastour)</b>													
Year 2	99	100	106	104	104	104	116	102	108	107	104	117	102
<b>Ground cover</b>	A	A	A	A	A	B	A	B	A	A	B	A	A
<b>Winterhardiness</b>	B	-	B	C	-	B	-	-	C	A	A	-	-
<b>Mildew resistance</b>	B	-	-	A	-	-	-	-	A	A	A	-	-
<b>D-value</b> Cut 1	+3.4	+1.7	+4.0	+0.2	+2.3	+2.4	+3.4	+1.7	+5.2	+4.5	+4.0	+5.8	+5.1
+ Pastour Cut 2	+3.9	+1.4	+1.3	+0.9	+0.5	+0.9	+0.5	+1.1	+1.2	+4.7	+0.6	+2.3	-1.2
Grazing	+1.9	+2.0	+2.0	-1.0	-0.8	+0.6	+2.3	+1.2	+1.3	+4.0	+0.2	+2.6	-0.1
<b>Source</b>	GB	GB	GB	GB	DK	IRL	GB	DK	GB	GB	DK	GB	DK
<b>First Listed</b>	2009 (*)	2022 (P)	2018	2013	2020 (*)	2017	2025 (P)	2022 (P)	2009	2017	2017 (*)	2022 (P)	2018 (*)

## Perennial ryegrass First Choice Late Diploids

### Seasonal Growth under Conservation

	<u>1<sup>st</sup> cut</u>		<u>2<sup>nd</sup> cut</u>		<u>3<sup>rd</sup> cut</u>		<u>Aftermath</u>	Total yield % Pastour
	D value		D value					
<i>Pastour</i>	6.7 t	68.9	3.4 t	70.8	3.1 t	2.2 t		15.3 t DM/ha
AberSevern (P)	99	71.6	112	75.4	112	115		107
AberEsk (P)	105	70.8	101	75.6	106	115		106
Wetherby	113	70.8	97	72.2	105	106		107
Callan	109	70.0	96	72.7	101	104		104
Ballyvoy	111	70.4	101	73.6	103	102		106
AberTest (P)	110	71.5	91	75.2	108	107		105
Dundrod	111	70.8	96	71.2	104	107		105
AberAvon (*)	97	71.5	94	72.4	100	97		96
Angorat (P)	112	70.0	105	71.5	104	105		108
Bomium (P)	109	69.7	111	73.0	106	109		109
Scartop (P)	106	70.2	100	70.9	104	95		102
Bandon (P)	109	71.6	108	73.3	110	111		109
Frogmore (P)	99	71.4	105	72.3	109	105		103
Graphic (P)	106	69.2	104	71.9	99	97		102
Toddington (*)	104	69.3	98	71.7	100	97		101
Drumbo (*)	93	72.3	100	74.8	100	97		96
Crossgar (P)	102	70.6	99	72.2	105	103		102
AberBann	94	72.9	107	72.1	102	103		100
AstonChieftain	99	69.1	105	71.7	106	103		102
Swan (*)	88	71.2	111	71.3	102	102		98
Glenrock	98	71.3	104	71.7	104	102		101
Timuco (P)	101	70.6	102	71.9	107	103		103
AberChoice	95	74.0	111	72.0	101	100		100
AberLee	88	73.4	100	75.5	102	100		95
Evocative (*)	96	72.9	105	71.4	106	103		101
AberDon (P)	82	74.7	117	73.1	110	111		100
Bowie (*)	75	74.0	120	69.6	98	105		95

**Perennial ryegrass First Choice Late Diploids**  
*Seasonal Growth under Grazing*

	-May	May/June	July/Aug	Sept-	D value	Total yield % Pastour
<b>Pastour</b>	<i>1.6t</i>	<i>4.1t</i>	<i>2.9t</i>	<i>1.3 t</i>	73.9	<i>9.9t DM/ha</i>
<b>AberSevern (P)</b>	120	115	125	113	79.2	118
<b>AberEsk (P)</b>	122	100	103	106	78.5	115
<b>Wetherby</b>	116	100	104	104	75.7	105
<b>Callan</b>	126	99	101	100	75.3	105
<b>Ballyvoy</b>	113	98	96	100	75.8	100
<b>AberTest (P)</b>	127	108	104	101	77.0	109
<b>Dundrod</b>	122	98	100	108	74.2	105
<b>AberAvon</b>	104	105	102	110	77.1	104
<b>Angorat (P)</b>	106	105	105	110	75.3	106
<b>Bomium (P)</b>	108	105	108	108	75.2	109
<b>Scartop (P)</b>	115	107	100	99	74.5	109
<b>Bandon (P)</b>	115	113	119	111	75.7	115
<b>Frogmore (P)</b>	103	109	111	110	77.0	108
<b>Graphic (P)</b>	118	104	98	91	74.7	103
<b>Toddington</b>	97	100	100	95	73.5	99
<b>Drumbo</b>	97	98	100	103	75.8	99
<b>Crossgar (P)</b>	101	98	101	101	75.9	100
<b>AberBann</b>	106	108	106	101	75.9	106
<b>AstonChieftain</b>	106	106	103	101	73.5	104
<b>Swan (*)</b>	102	106	106	101	73.1	104
<b>Glenrock</b>	96	107	105	103	74.5	105
<b>Timuco (P)</b>	94	104	106	103	75.1	102
<b>AberChoice</b>	109	108	107	109	75.3	108
<b>AberLee</b>	99	110	108	106	77.9	107
<b>Evocative (*)</b>	108	107	99	103	74.1	104
<b>AberDon (P)</b>	101	119	128	110	76.5	117
<b>Bowie (*)</b>	82	107	107	103	73.8	102

## Variety Descriptions – Late Diploid Varieties

### **AberSevern** *IBERS (GB) / Germinal GB Ltd*

Exceptional grazing yields throughout the season along with significant 2nd cut conservation yield

### **AberEsk** *IBERS (GB) / Germinal GB Ltd*

**NEW**

Good for both conservation and grazing yields. Very high D values for 2nd cut silage and for grazing.

### **Wetherby** *DLF Seeds A/S (DK) / DLF Seeds*

Particularly good early and late season growth for both for conservation and grazing

### **Callan** *AFBI (GB) / Barenbrug UK*

Early season productivity is good both for conservation and grazing.

### **Ballyvoy** *AFBI (GB) / Barenbrug UK*

Overall, a good variety for conservation, with good yields throughout the year.

### **AberTest** *IBERS (GB) / Germinal GB Ltd*

Very good variety for early season growth and quality in both conservation and grazing.

### **Dundrod** *AFBI (GB) / Barenbrug UK*

Good conservation yield, particularly second cut.

### **AberAvon** *IBERS (GB) / Germinal GB Ltd*

Outstanding high quality yields under grazing with excellent spring growth. Silage cuts only average but of very high D-value.

### **Angorat** *DLF Seeds A/S (DK) / Limagrain UK*

**NEW**

Very good through-season yields for both conservation and grazing along with high residual ground cover.

### **Bomium** *DLF Seeds A/S (DK) / Limagrain UK*

Very good conservation yield, particularly at the second cut.

### **Scartop** *DLF Seeds A/S (DK) / DLF Seeds*

**NEW**

More advantageous for conservation yields than grazing..

### **Bandon** *Teagasc (IRL) / Goldcrop Ltd*

Consistent, high conservation yields through the season along with outstanding grazing yields. Ground cover low for a diploid.

**Frogmore** *Teagasc (IRL) / Goldcrop Ltd*

**NEW**

Consistent, good growth for both conservation and grazing. Shows a markedly high D value for grazing.

**Graphic** *DLF Seeds A/S (DK) / Limagrain UK*

Good grazing yields, particularly in early season.

**Toddington** *DLF Seeds A/S (DK) / DLF Seeds*

Good yields under both conservation and grazing with good quality. Good second cut yields under conservation and good late summer growth under grazing. Good Crown Rust resistance and probably good Dreschlera resistance.

**Drumbo** *AFBI (GB) / Barenbrug UK*

Good yields under grazing coupled with very good quality under both grazing and conservation. Good late season growth. Good yields at second cut but first cut yields are modest.

**Crossgar** *AFBI (GB) / Barenbrug UK*

Generally good yielding for both grazing and conservation. In particular it shows a good first cut conservation yield.

**AberBann** *IBERS (GB) / Germinal GB Ltd*

Fairly good yield for grazing but conservation yields are not remarkable. However, it shows a very good D value at first cut in conservation.

**AstonChieftain** *DSV (GB) / DSV*

Good yields under both cutting and grazing. First cut yields under conservation are relatively good for a later heading variety within this Group. Good seasonal production under grazing.

**Swan** *DLF Seeds A/S / DLF Seeds*

Good mid-season growth for grazing

**Glenrock** *Teagasc (IRL) / Goldcrop Ltd*

Good grazing variety, particularly in mid-season.

**Timuco** *DLF Seeds A/S / DLF Seeds*

Good conservation yields throughout the season.

**AberChoice** *IBERS (GB) / Germinal GB Ltd*

Good yields and quality under both conservation and grazing with very good quality at first cut. Good growth both early and late in the season under grazing.

**AberLee** *IBERS (GB) / Germinal GB Ltd*

Very good yields under grazing, and very good quality under both cutting and grazing.

**Evocative** *DLF Seeds A/S / DLF Seeds*

Good overall conservation and grazing yields with relatively good herbage quality under conservation.

**AberDon** *IBERS (GB) / Germinal GB Ltd*

Mid season yields under grazing are exceptional and are combined with very good herbage quality.

**Bowie** *DLF Seeds A/S / DLF Seeds*

Very late heading variety which may be a factor in the relatively low conservation yields.

Perennial Ryegrass - First choice late tetraploids - Summary of Characters

Variety	AberForth	Ballintoy	Bijou	Richhill	Ardress	Drift	Glenfield	Gracehill	Alfonso	Meiduno	Spectre	AberGain	Killylea	Aspect	Nashota	Optimus	AberBite	Twymax	AberPlentiful	Delicadio
REE	46	46	46	46	47	47	47	47	47	47	48	49	49	49	49	49	50	51	53	53
<b>Conservation yield (%Twymax)</b>																				
Year 1	105	108	104	110	107	100	102	102	104	97	103	104	100	97	101	102	99	100	97	101
Year 3	105	108	101	106	108	104	99	102	100	102	103	110	104	101	101	103	102	100	106	104
Mean 1 + 3	105	108	103	108	107	102	101	102	102	99	103	107	102	99	101	103	100	100	101	102
<b>Grazing yield (%Twymax)</b>																				
Year 2	110	107	98	105	101	99	104	103	101	102	103	107	101	100	102	102	106	100	105	104
<b>Ground cover</b>	C	C	C	B	B	B	C	C	A	C	C	C	C	B	B	C	C	B	C	C
<b>Winterhardiness</b>	-	A	B	-	-	A	B	B	A	C	-	B	-	B	A	-	B	A	B	-
<b>Mildew resistance</b>	-	A	A	-	-	A	-	-	A	A	-	A	-	A	-	-	B	A	A	-
$\pm$ Twymax Cut 1	+0.5	-2.1	-2.6	-1.2	-0.9	+0.1	-0.8	-1.1	-0.2	-0.1	-0.9	=	+0.3	+0.8	+1.9	-1.8	+1.0	=	+0.5	+0.6
Cut 2	+3.9	-0.8	+1.0	-0.2	-1.0	-1.4	+1.7	+1.0	+1.0	-0.8	+0.5	+1.0	+0.1	-0.8	+0.2	-1.0	+0.4	=	-0.1	+0.5
Grazing	+1.8	-0.3	-0.9	-0.1	-0.3	-1.9	-0.1	-0.4	-1.6	-0.9	=	+2.2	+0.6	+0.4	-0.7	+0.3	+0.6	=	+0.3	-0.8
<b>Source</b>	GB	GB	F	GB	GB	NL	IRL	GB	GB	NL	DK	GB	GB	NL	DK	DK	GB	GB	GB	GB
<b>First Listed</b>	2024 (P)	2017	2014	2024 (P)	2025 (P)	2011	2020 (*)	2020	2013	2014	2023 (P)	2012	2019	2011	2018	2023 (P)	2009	2004	2012	2023 (P)

## Perennial ryegrass First Choice Late Tetraploids

### Seasonal Growth under Conservation

	<u>1<sup>st</sup> cut</u>		<u>2<sup>nd</sup> cut</u>		<u>3<sup>rd</sup> cut</u>	<u>Aftermath</u>	<u>Total yield</u> <u>% Twymax</u>
	D value		D value				
<b>Twymax</b>	6.3 t	71.9	3.6 t	72.1	3.1 t	2.2 t	15.3 t DM/ha
<b>AberForth (P)</b>	109	72.4	97	76.0	106	105	105
<b>Ballintoy</b>	110	69.8	106	71.3	106	109	108
<b>Bijou</b>	107	69.3	98	73.1	99	102	103
<b>Richhill (P)</b>	115	72.4	96	71.9	109	108	108
<b>Ardress (P)</b>	117	71.0	98	71.9	99	105	107
<b>Drift</b>	106	72.0	98	71.1	100	97	102
<b>Glenfield (*)</b>	99	71.1	103	73.8	101	102	101
<b>Gracehill</b>	101	70.8	99	73.1	102	109	102
<b>Alfonso</b>	109	71.7	93	73.1	98	103	102
<b>Meiduno</b>	104	71.8	98	71.3	100	97	99
<b>Spectre (P)</b>	102	71.0	98	72.6	105	110	103
<b>AberGain</b>	112	69.3	99	71.7	104	110	101
<b>Killylea</b>	104	72.2	95	73.7	104	104	102
<b>Aspect</b>	96	72.7	99	71.4	100	105	99
<b>Nashota</b>	100	73.8	102	72.3	100	105	101
<b>Optimus (P)</b>	103	70.1	103	71.1	101	104	103
<b>AberBite</b>	96	72.9	99	72.5	104	109	100
<b>Twymax</b>	100	71.9	100	72.1	100	100	96
<b>AberPlentiful</b>	95	69.8	100	70.9	107	113	105
<b>Delicadio (P)</b>	93	72.5	109	72.6	108	111	102

## Perennial ryegrass First Choice Late Tetraploids

### Seasonal Growth under Grazing

	-May	May/June	July/Aug	Sept-	D value	Total yield % Twymax
<b>Twymax</b>	<i>1.7t</i>	<i>4.4t</i>	<i>2.9t</i>	<i>1.1 t</i>	75.9	<i>10.1t DM/ha</i>
<b>AberForth (P)</b>	119	101	110	128`	77.7	110
<b>Ballintoy</b>	120	101	107	111`	75.6	107
<b>Bijou</b>	100	95	99	105	75.0	98
<b>Richhill (P)</b>	112	96	109	120`	75.8	105
<b>Ardress (P)</b>	110	94	103	111`	75.6	101
<b>Drift</b>	103	94	104	97	74.0	99
<b>Glenfield (*)</b>	112	94	108	117	75.8	104
<b>Gracehill</b>	101	95	111	119	75.5	103
<b>Alfonso</b>	108	93	105	108	74.3	101
<b>Meiduno</b>	97	100	100	95	75.0	102
<b>Spectre (P)</b>	105	97	108	108	75.9	103
<b>AberGain</b>	122	98	109	115	76.5	107
<b>Killylea</b>	105	100	102	104	76.5	101
<b>Aspect</b>	95	99	102	108	76.4	100
<b>Nashota</b>	111	98	103	102	75.2	102
<b>Optimus (P)</b>	114	95	104	100	76.2	102
<b>AberBite</b>	100	103	111	115	76.5	106
<b>Twymax</b>	100	100	100	100	75.9	100
<b>AberPlentiful</b>	103	99	111	121	74.6	105
<b>Delicadio (P)</b>	99	102	109	110	75.1	104

## Variety Descriptions – Late Tetraploid Varieties

### **AberForth (T) *IBERS (GB) / Germinal GB Ltd***

Particularly good grazing yields throughout the season. associated with high herbage quality value.

### **Ballintoy (T) *AFBI (GB) / Barenbrug UK***

Exceptional, very high yields under cutting and grazing throughout the season.

### **Bijou (T) *R2N (F) / RAGT***

Good yields under both cutting and grazing. Good early spring growth under grazing and good first cut yields under conservation.

### **Richhill (T) *AFBI (GB) / Barenbrug UK***

Very good conservation yield values, especially at the first cut.

### **Ardress (T) *AFBI (GB) / Barenbrug UK***

Good conservation yield values, especially at the first cut.

**NEW**

### **Drift (T) *DLF Seeds A/S (NL) / Limagrain UK***

Very good first cut yields under conservation coupled with good quality at both first and second cuts. Good yields under grazing with very good early spring growth.

### **Glenfield (T) *Teagasc (IRL) / Goldcrop Ltd***

Particularly good early and late season grazing.

### **Gracehill (T) *AFBI (GB) / Barenbrug UK***

Particularly good mid and late season grazing. Conservation yields relatively greater at Ayr centre.

### **Alfonso (T) *DSV (GB) / DSV***

Very good yields under both cutting and grazing overall. Very good first cut yields under conservation and very good early spring growth under grazing. Good ground cover for a tetraploid variety.

### **Meiduno (T) *DLF Seeds A/S (NL) / Limagrain UK***

Good conservation yields at first cut. Good autumn growth under grazing.

### **Spectre (T) *DLF Seeds A/S (DK) / DLF Seeds***

Fairly good yields at mid and late season, both for conservation and grazing.

### **Killylea (T) *AFBI (GB) / Barenbrug UK***

Good yielding variety for both early and late season.

**AberGain (T) *IBERS (GB) / Germinal GB Ltd***

An outstanding addition to the recommended list. Very good yields and quality under both conservation and grazing, with very good first cut yields and remarkably good early spring growth under grazing. Ground cover rather open but good vigour

**Aspect (T) *DLF Seeds A/S (NL) / Limagrain UK***

Good first cut yields under conservation coupled with very good quality at both first and second cut. Good performance sustained throughout the season under grazing coupled with good quality.

**Nashota (T) *DLF Seeds A/S (NL) / DLF Seeds***

Fairly good productivity for both grazing and conservation along with a relatively good conservation first cut D value.

**Optimus (T) *DLF Seeds A/S (DK) / DLF Seeds***

Consistent, good yielding variety throughout the season with good early growth under grazing.

**AberBite (T) *IBERS (GB) / Germinal GB Ltd***

Good first cut yields and very good yields under grazing with a good seasonal pattern of growth over the grazing season.

**Twymax (T) *DLF Seeds A/S (DK) / Limagrain UK***

Excellent variety, particularly under grazing management with good early growth. Good ground cover and midseason digestibility.

**AberPlentiful (T) *IBERS (GB) / Germinal GB Ltd***

Broadly very similar to AberBite although slightly later heading with good first cut yields and quality and a good seasonal pattern of growth under grazing.

**Delicadio (T) *DSV (D) / DSV (GB)***

Good for both grazing and conservation, particularly at 2nd cut and later

Italian ryegrass - First choice varieties - *Summary of Characters*

Variety	Dorike (T)	Gemini (T)	Meribel	Bigdyl	Barimax (T)	Alamo	Messina (T)	Toreador	Exotyl	Melprimo	Dolores
REE	29	30	32	33	34	34	34	34	35	36	36
<b>Annual Yield (% Ligande)</b>											
Year 1	103	103	104	99	103	102	102	101	102	101	101
Year 2	103	104	103	108	105	101	104	105	110	106	103
Mean 1 + 2	103	103	104	103	104	102	103	103	106	103	102
<b>Sowing Year</b>	104	102	102	-	103	105	102	-	-	102	105
<b>Ground cover</b>	C	B	A	B	C	A	C	B	B	A	A
<b>Winterhardiness</b>	-	D	C	-	D	D	C	-	-	C	-
<b>Mildew resistance</b>	A	A	A	-	-	A	-	-	-	-	-
<b>D-value</b>											
±Ligande Cut 2	+1.3	+2.7	+1.8	-2.0	+1.7	+0.6	+2.0	+1.5	+0.4	+1.6	+0.6
Cut 3	+1.5	+3.5	+0.7	+1.8	+2.2	+3.0	+2.0	+2.0	+1.6	+0.9	+1.3
<b>Source</b>	NL	B	B	F	NL	NL	B	D	F	B	NL
<b>First Listed</b>	2007	2000	1991	2024	2018	2001	2017	2024	2024	2018	2018

*Italian ryegrass Seasonal Growth*

	<u>Early grazing</u>	<u>Main cut</u>		<u>2<sup>nd</sup> cut</u>		<u>Aftermath</u>	<b>Total yield % Ligande</b>
			D value		D value		
<b>Ligande</b>	1.4 t	5.7 t	67.4	3.4 t	65.3	4.9 t	15.4 t DM/ha
<b>Dorike (T)</b>	109	105	68.7	101	66.8	102	103
<b>Gemini (T)</b>	95	102	70.1	109	68.8	105	103
<b>Meribel</b>	85	101	69.2	103	66.0	110	103
<b>Bigdyl</b>	99	104	65.4	102	67.1	106	104
<b>Barimax(T)</b>	97	103	69.1	104	67.5	107	104
<b>Alamo</b>	97	100	68.0	103	68.5	105	102
<b>Messina (T)</b>	110	100	69.4	104	67.3	106	103
<b>Toreador</b>	95	103	68.9	106	67.3	103	103
<b>Exotyl</b>	109	102	67.8	104	66.9	111	106
<b>Melprimo</b>	107	97	69.0	104	66.2	108	103
<b>Dolores</b>	99	100	68.0	99	66.6	106	102

## Variety Descriptions - Italian Ryegrass

### **Dorike (T) *DSV (NL) / DSV***

Excellent spring growth and an outstanding main silage cut of good D-value for the heading date.

### **Gemini (T) *ILVO (B) / Limagrain UK***

Excellent tetraploid variety with good seasonal distribution of yield. High D-values at both main silage cuts. Good mildew resistance.

### **Meribel *ILVO (B) / Limagrain UK***

High yielding in first and second harvest years, with very good late summer and autumn growth. Good D-values. Very good ground cover, but may be prone to winter damage.

### **Bigdyl *RAGT (F) / RAGT UK***

Overall a good yielding variety particularly in the second year.

### **Barimax (T) *Barenbrug (NL) / Barenbrug UK***

Good yielding variety in both main growing years.

### **Alamo *Innoseeds BV (NL) / DLF Seeds***

Good all round variety with good yields in year of sowing. Good second cut D-value.

### **Messina (T) *ILVO (B) / Limagrain UK***

High yield value for early grazing with good quality at first, main conservation cut.

### **Toreador *DSV (D) / DSV***

Good yields in both first and second years in conjunction with relatively good D values.

### **Exotyl *RAGT (F) / RAGT UK***

Overall a good yielding variety particularly in the second year.

### **Melprimo *ILVO (B) / Limagrain UK***

Shows relatively good total yield in second main harvest year.

### **Dolores *DSV(NL) / DSV***

Fairly good growth in both main growing seasons along with relatively high productivity in sowing year.

## Hybrid ryegrass - First choice varieties - *Summary of Characters*

Variety	AberEcho (T)	AstonCrusader (T)	Hymer (T)	Pirol	AberEdge (T)	AberEve (T)	Barclamp
REE	27	32	33	33	34	34	39
<b>Annual Yield (% <i>Ligrande</i>)</b>							
Year 1	101	94	93	101	97	97	99
Year 2	106	103	104	105	103	100	100
Year 3	100	99	98	98	100	93	100
Mean 1 + 2	103	98	98	103	99	98	100
<b>Sowing Year</b>	92	101	99	100	91	99	95
<b>Ground cover</b>	A	A	A	A	B	A	A
<b>Winterhardiness</b>	B	B	A	C	B	B	E
<b>Mildew resistance</b>	A	-	A	B	-	A	-
<b><u>D-value</u></b>							
+ <i>Ligrande</i> Cut 2	+2.9	+0.7	+3.0	+0.7	+2.2	+1.0	+1.1
Cut 3	+5.1	+4.6	+1.4	+1.4	+5.8	+5.3	+1.7
<b>Source</b>	GB	GB	B	D	GB	GB	NL
<b>First Listed</b>	2003	2014	2002	2005	2017	2005	2017

## *Hybrid ryegrass Seasonal Growth*

	<b><u>Early grazing</u></b>	<b><u>Main cut</u></b>		<b><u>2<sup>nd</sup> cut</u></b>		<b><u>Aftermath</u></b>	<b>Total yield % <i>Ligrande</i></b>
			D value		D value		
<b><i>Ligrande</i></b>	1.4 t	5.7 t	67.4	3.4 t	65.3	4.9 t	15.4 t DM/ha
<b>AberEcho (H)(T)</b>	97	109	70.3	97	70.4	103	103
<b>AstonCrusader(H)(T)</b>	83	112	68.1	87	69.9	93	98
<b>Hymer (H)(T)</b>	82	113	70.4	84	67.3	96	98
<b>Pirol (H)</b>	98	100	68.1	109	66.7	104	103
<b>AberEdge (H)(T)</b>	89	108	69.6	89	71.1	99	99
<b>AberEve (H)(T)</b>	74	109	68.4	90	70.6	100	98
<b>Barclamp</b>	100	97	68.5	100	67.6	103	100

## Variety Descriptions - Hybrid Ryegrass

### **AberEcho (H) (T) *IBERS (GB) / Germinal GB Ltd***

Outstanding variety with no apparent weaknesses. Excellent spring and autumn growth with high yield of good quality at main silage cut.

### **AstonCrusader (H) (T) *DSV (GB) / DSV***

Like Hymer, good yields at the first conservation cut leading to good yields overall. Good second cut D value.

### **Hymer (H) (T) *ILVO (B) / Limagrain UK***

Yields particularly well at the first silage cut, giving excellent production overall. Good spring growth, though more open than some.

### **Pirol (H) *Steinach (D) / DSV***

Good spring growth. Moderate first cut but good second cut and aftermath.

### **AberEdge (H) (T) *IBERS (GB) / Germinal GB Ltd***

Good yields at the first conservation cut. Very good herbage quality.

### **AberEve (H) (T) *IBERS (GB) / Germinal GB Ltd***

Slow in spring but good main silage cut of moderate D - value. Good second cut D - value.

### **Barclamp (H) *Barenbrug (NL) / Barenbrug UK***

Later heading in the group and relatively consistent performance across the season.

Timothy - First choice varieties - Summary of Characters

Variety	Scots	Dolina	Comer	Promesse	Comtal	Baronaise
REE	51	53	53	54	55	58
<b>Conservation Yield (% Erecta RvP)</b>						
Year 1	106	98	107	98	107	100
Year 3	110	107	111	104	103	105
Mean 1 + 3	108	102	109	101	105	103
<b>Grazing Yield (% Erecta RvP)</b>						
Year 2	103	104	105	102	109	109
<b>Ground cover</b>	B	B	A	B	B	A
<b>Source</b>	GB	B	B	NL	NL	NL
<b>First Listed</b>	1973	2003	2001	1990	1988	2020

Seasonal Growth under Conservation

	<u>1<sup>st</sup> cut</u>	<u>2<sup>nd</sup> cut</u>	<u>3<sup>rd</sup> cut</u>	<u>Aftermath</u>	<b>Total yield % Erecta RvP</b>
<b>Erecta RvP</b>	5.0 t	2.7 t	2.4 t	1.3 t	11.4 t DM/ha
<b>Scots</b>	111	106	105	104	108
<b>Dolina</b>	101	106	99	104	102
<b>Comer</b>	113	113	97	107	109
<b>Promesse</b>	103	99	94	110	101
<b>Comtal</b>	108	106	95	110	105
<b>Baronaise</b>	104	110	89	117	103

Seasonal Growth under Grazing

	<u>-May</u>	<u>May/June</u>	<u>July/Aug</u>	<u>Sept-</u>	<b>Total yield % Erecta RvP</b>
<b>Erecta RvP</b>	1.6t	3.1t	3.0t	0.6 t	9.5t DM/ha
<b>Scots</b>	116	100	103	86	103
<b>Dolina</b>	113	98	105	102	104
<b>Comer</b>	122	100	101	99	105
<b>Promesse</b>	99	103	100	107	102
<b>Comtal</b>	114	108	106	114	109
<b>Baronaise</b>	123	103	100	142	109

## Variety Descriptions - Timothy Varieties

### Scots *STSGA (GB) / STSGA*

Yields well under conservation in early years after establishment but only moderate ground cover and persistence.

### Dolina *ILVO (B) / DLF Seeds*

Good spring and autumn growth in plot trials especially under grazing management.

### Comer *ILVO (B) / Limagrain UK*

Good yields under both managements. Good early spring growth under grazing and good ground cover.

### Promesse *Innoseeds BV (NL) / DLF Seeds*

Similar yields and growth distribution to Erecta, but better autumn growth.

### Comtal *DLF Seeds A/S (NL) / Limagrain UK*

Excellent variety in plot trials under both managements. Very good spring and autumn growth under grazing. Average ground cover.

### Baronaise *Barenbrug (NL) / Barenbrug UK*

Very good yields in second cut conservation with higher late season growth in both conservation and grazing.

White Clover - First choice small leaf varieties  
*Summary of Characters*

Variety	Aber S184	Grassland Demand	Aber Pearl	Rivendel
<b>Leaflet size</b> (%Gr.Huia)	70	77	80	82
<b>Total Yield (%Kent Wild White)</b>				
Year 2	106	106	110	113
Year 3	103	107	113	107
Mean 2 + 3	105	107	112	110
<b>Clover Yield</b>				
Year 2	131	144	173	147
Year 3	131	162	177	145
Mean 2 + 3	131	153	175	146
<b>Ground Cover</b>				
Light defol.	B	A	A	B
Hard defol.	A	A	A	B
Source	GB	NZ	GB	DK
First listed	1973	1994	2004	1983

White Clover - First choice medium leaf varieties  
*Summary of Characters*

	Crusader	AberHerald	Iona	AberDai	AberSwan	Buddy	Merwi
<b>Leaflet size</b> (%Gr.Huia)	85	89	92	99	100	103	104
<b>Total Yield (%Grasslands Huia)</b>							
Year 2	107	103	103	105	106	107	106
Year 3	104	105	104	106	107	108	106
Mean 2 + 3	106	104	103	105	106	107	106
<b>Clover Yield</b>							
Year 2	133	126	123	129	135	138	115
Year 3	134	137	135	134	139	131	129
Mean 2 + 3	134	131	129	131	137	134	122
<b>Ground Cover</b>							
Light defol.	A	A	A	A	A	A	B
Hard defol.	B	C	A	B	B	B	C
Source	NZ	GB	IRL	GB	GB	IRL	B
First listed	2002	1994	2011	1983	2018	2013	1990

## White Clover - First choice large and very large leaf varieties

### *Summary of Characters*

	Katy	Ruru	Violin	Alice	Barblanca	Dublin	Dungloe	Munida	Aran	Clodagh	Brianna
<b>Leaflet size</b> (%Gr.Huia)	110	119	119	124	125	127	134	144	159	163	191
<b>Total Yield (% Alice)</b>											
Year 2	103	106	105	100	98	102	101	100	100	104	100
Year 3	101	104	101	100	101	103	104	98	99	106	101
Mean 2 + 3	102	105	103	100	99	102	103	99	99	105	101
<b>Clover Yield</b>											
Year 2	112	107	112	100	89	109	110	100	105	112	105
Year 3	99	111	103	100	98	102	124	114	102	114	103
Mean 2 + 3	106	109	107	100	93	106	116	107	104	113	104
<b>Ground Cover</b>											
Light defol.	B	B	B	A	B	A	A	B	B	A	B
Hard defol.	B	C	C	C	C	B	B	B	C	B	B
Source	NZ	NZ	DK	GB	NZ	IRL	IRL	CH	IRL	IRL	DK
First listed	2012	2025 (P)	2009	1985	2001	2016	2024 (P)	2025 (P)	1981	2022 (P)	2015

## White Clover First Choice Varieties

### Seasonal Growth - Grass and Clover

	<u>Early</u>	<u>Mid</u>	<u>Late</u>	Total yield % Grasslands Huia
<b>Grasslands Huia</b>	<i>1.9 t</i>	<i>6.8 t</i>	<i>1.0 t</i>	<i>9.7 t DM/ha</i>
<i>Small leaf</i>				
<b>Aber S184</b>	102	101	95	100
<b>Grasslands Demand</b>	101	103	102	102
<b>AberPearl</b>	106	107	105	107
<b>Rivendel</b>	103	107	98	105
<i>Medium leaf</i>				
<b>Crusader</b>	107	103	123	106
<b>AberHerald</b>	102	104	106	104
<b>Iona</b>	100	103	106	103
<b>AberDai</b>	103	106	108	105
<b>AberSwan</b>	105	106	111	106
<b>Buddy</b>	109	109	108	107
<b>Merwi</b>	102	108	105	106
<i>Large/V.large leaf</i>				
<b>Katy</b>	102	109	100	107
<b>Ruru (P)</b>	101	110	125	110
<b>Violin</b>	104	108	116	108
<b>Alice</b>	102	105	110	105
<b>Barblanca</b>	101	103	116	104
<b>Dublin</b>	104	106	114	103
<b>Dungloe (P)</b>	104	107	118	108
<b>Munida (P)</b>	96	104	110	103
<b>Aran</b>	100	104	116	104
<b>Clodagh (P)</b>	104	110	123	110
<b>Brianna</b>	99	107	109	106

## White Clover First Choice Varieties

### Seasonal Growth - Clover only

	<u>Early</u>	<u>Mid</u>	<u>Late</u>	<b>Total yield % Grasslands Huia</b>
<b>Grasslands Huia</b>	<i>0.3 t</i>	<i>1.8 t</i>	<i>0.4 t</i>	<i>2.5 t DM/ha</i>
<i>Small leaf</i>				
<b>Aber S184</b>	102	97	79	96
<b>GrasslandsDemand</b>	116	111	107	112
<b>AberPearl</b>	136	129	105	128
<b>Rivendel</b>	108	110	84	107
<i>Medium leaf</i>				
<b>Crusader</b>	145	126	149	134
<b>AberHerald</b>	127	134	128	131
<b>Iona</b>	127	130	126	130
<b>AberDai</b>	134	132	118	131
<b>AberSwan</b>	135	137	124	137
<b>Buddy</b>	151	140	94	134
<b>Merwi</b>	121	123	110	122
<i>Large/ V.large leaf</i>				
<b>Katy</b>	117	154	95	141
<b>Ruru (P)</b>	124	143	144	142
<b>Violin</b>	145	144	132	144
<b>Alice</b>	130	133	122	133
<b>Barblanca</b>	129	119	137	124
<b>Dublin</b>	138	140	131	141
<b>Dungloe (P)</b>	143	153	147	152
<b>Munida (P)</b>	121	144	126	139
<b>Aran</b>	139	134	145	137
<b>Clodagh (P)</b>	139	134	145	148
<b>Brianna</b>	136	147	143	138

## Variety Descriptions - White Clover Varieties

### *Small*

#### **Aberystwyth S 184** *IGER (GB) / Barenbrug Holland*

Persists and yields well under hard sheep grazing.

#### **Grasslands Demand** *AgResearch (NZ) / Limagrain UK*

A good variety with good yields of grass and clover. Good ground cover under both light and hard defoliation.

#### **AberPearl** *IBERS (GB) / Germinal GB Ltd*

Good early and mid-season growth with good ground cover.

#### **Rivendel** *DLF Seeds A/S (DK) / DLF Seeds*

Useful variety but no outstanding attributes.

### *Medium*

#### **Crusader** *AgResearch (NZ) / Barenbrug UK*

A very good clover variety with very good performance both early and late in the season.

#### **AberHerald** *IGER (GB) / Germinal GB Ltd*

Gives high clover yields and good overall production but is less persistent under hard defoliation.

#### **Iona** *Teagasc (IRL) / DLF Seeds*

Useful addition to the Medium Leaf Size Group showing good ground cover under rotational grazing.

#### **AberDai** *IBERS (GB) / Germinal GB Ltd*

A good variety with good clover content. Better suited to light defoliation.

#### **Aber Swan** *IBERS (GB) / Germinal GB Ltd*

Shows good total yields in grass mixture. A high clover component is maintained in the third year.

#### **Buddy** *Teagasc (IRL) / DLF Seeds*

Good grass and clover yields through much of the season but more modest autumn growth.

**Merwi** *ILVO (B) / Limagrain UK*

A productive variety better suited to light defoliation

**Large**

**Katy** *AgResearch (NZ) / Barenbrug UK*

Very good mid-season growth. Ground cover typical of many in this group.

**Ruru** *Agriseeds (NZ) / Barenbrug UK*

**NEW**

Good variety growth with particularly good later season growth

**Violin** *DLF Seeds A/S (DK) / Limagrain UK*

An excellent variety showing good clover yields throughout the season coupled with good persistence especially under light defoliation.

**Alice** *IGER (GB) / Barenbrug UK*

Remains a good benchmark variety in the large leaved group.

**Barblanca** *AgResearch (NZ) / Barenbrug UK*

A useful variety in the large leaved group. Good spring and autumn growth.

**Dublin** *Teagasc (Ire) / DLF Seeds*

Maintains very good cover under both light and hard defoliation. Good yielding variety, particularly in the second year.

**Dungloe** *Teagasc (Ire) / Teagasc*

Very high clover content in sward over the whole growing season

**Munida** *Agroscopa (CH) / DSV*

**NEW**

Greater growth towards mid and late season.

**Very Large**

**Aran** *Teagasc (IRL) / Germinal GB Ltd*

A very large leaved variety, Aran is high yielding but best suited to cutting as its height allows it to compete with tall grass canopies. Poor persistence under hard grazing.

**Clodagh** *Teagasc (IRL) / Barenbrug UK*

Provides good grass and clover herbage yields during mid and late season.

**.Brianna** *DLF Seeds A/S (DK) / DLF Seeds*

A very large leaved variety with consistently good yields and good tolerance of hard grazing for its leaf size.

RED CLOVER - Descriptive List of Early Flowering Types  
*Summary of Characters*

Variety	AberClaret	Fearga	Merula	Milvus	Amos (T)	Diplomat	Global	Magellan (T)	Atlantis (T)	Ganymed	Harmonie	RGT Javva	Sinope
Year 1 13.3 t DM/ha	97	98	98	95	102	97	104	101	99	95	97	98	106
2 11.7 t DM/ha	99	107	96	99	101	98	105	113	98	102	104	104	104
Mean 1 + 2	98	102	97	97	102	98	105	107	99	98	100	101	105
Year 3 9.0 t DM/ha	122	116	104	107	93	91	105	(126)	100	123	106	118	116
Mean 1+2+3	105	106	99	100	99	96	105	(111)	99	112	102	107	108
Ground Cover	A	A	C	C	C	C	B	A	A	C	A	A	C
Source	GB	IRE	CH	CH	CZ	D	B	D	D	GB	D	F	DK
First Listed	2011	2018	2011	2011	2011	2011	2011	2015	2012	2022	2013	2025	2018

## Red Clover - Descriptive List

### Seasonal Growth under Conservation

Mean Years 1+2	<u>1<sup>st</sup> cut</u>	<u>2<sup>nd</sup> cut</u>	<u>3<sup>rd</sup> cut</u>	<u>Aftermath</u>	Total yield % Merviot
<i>Merviot</i>	7.0 t	4.0 t	1.7 t	0.4 t	13.1 t DM/ha
AberClaret	88	105	123	97	98
Fearga	93	117	111	161	102
Merula	90	104	114	84	97
Milvus	88	108	108	86	97
Ganymed	100	114	109	145	106
Amos (T)	101	102	104	79	102
Diplomat	98	100	91	77	98
Global	104	104	109	106	105
Magellan (T)	110	102	107	88	107
Atlantis (T)	98	99	104	-	99
Harmonie	105	93	101	-	100
RGT Javva	100	96	109	114	101
Sinope	106	108	97	96	105
Year 3	<u>1<sup>st</sup> cut</u>	<u>2<sup>nd</sup> cut</u>	<u>3<sup>rd</sup> cut</u>	<u>Aftermath</u>	Total yield % Merviot
<i>Merviot</i>	5.2 t	3.5 t	1.4 t	0.3 t	10.4 t DM/ha
AberClaret	114	127	142	-	122
Fearga	112	118	129	76	116
Merula	94	110	123	104	104
Milvus	96	116	124	107	107
Ganymed	128	115	127	115	123
Amos (T)	93	98	90	36	93
Diplomat	91	95	84	36	91
Global	102	105	110	132	105
Magellan (T)	(130)	(122)	(127)	79	(126)
Atlantis (T)	107	97	92	79	100
Harmonie	116	101	92	88	106
RGT Javva	115	122	121	112	118
Sinope	127	102	115	68	116

## Variety Descriptions - Early Flowering Red Clover

**AberClaret** *IBERS (GB) / Germinal GB Ltd*

Very good persistence and very good yields in the third harvest year.

**Fearga** *Teagasc/ Goldcrop Ltd*

Very good yielding, particularly at 1<sup>st</sup> and 2<sup>nd</sup> cut.

**Merula** *ART Reckholz (CH) / Feldsaaten Freudenberger GmbH*

More modest first cut yields, better performance later in the season and in the third harvest year.

**Milvus** *ART Reckholz (CH) / DSV*

More modest first cut yields, better performance later in the season and in the third harvest year.

**Amos (T)** *Slechtitelska Stanice (CZ) / DLF Seeds*

Good yields under cutting in years 1 and 2.

**Diplomat** *P H Peterson (D) / DSV*

Average yields in years 1 and 2.

**Global** *ILVO (B) / Feldsaaten Freudenberger GmbH*

Excellent variety. Good yields under cutting in years 1, 2 and 3.

**Magellan (T)** *NPZ Lembke((D)/ LSPB*

Very high yielding variety showing good growth in the third year for a tetraploid type.

**Merviot** *ILVO (B) / Limagrain UK*

Remains a very good benchmark variety.

**RGT Javva** *RAGT (F) / RAGT*

Overall good yield performance, particularly in the third year.

**NEW**

**Atlantis (T)** *NPZ Lembke (D) / DSV*

A tetraploid variety with good persistence and good first cut yields in the third harvest year.

**Harmonie** *NPZ Lembke (D) / DSV*

Good yields in the second and third harvest years. Good yields at the first cut especially in the third harvest year.

**Sinope** *DLF (DK) / DLF Seeds*

Yields over three years are consistently high with a particularly high relative yield in the third year.

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## Variety Descriptions of Second Choice Varieties added in 2025.

### *Perennial ryegrass*

**Bartui** *Barenbrug (NL) / Barenbrug UK* **REE 38 (I)**

Fairly good conservation yield values.

**Nirmal** *RAGT (F) / RAGT* **REE 40 (I)**

Fairly good conservation yield values.

**Saqui** *DLF (DK) / DLF* **REE 49 (L)**

Fairly good early season grazing

### *Italian ryegrass*

**Ascari** *DLF (DK) / Limagrain* **REE 38**

Fairly good late season growth.

### *Hybrid ryegrass*

**Olicana (T)** *DLF (DK) / Limagrain* **REE 38**

Fairly good late season growth.

## Addresses of UK Agents / Maintainers

Barenbrug Holland BV	Postbus 1338, 6501 BH Nijmegen, Netherlands
Barenbrug UK Ltd	33 Perkins Road, Rougham Industrial Estate Bury St Edmunds, Suffolk IP30 9ND
Germinal GB Ltd	Camp Road, Witham St.Hughs, Lincoln, Lincolnshire LN6 9QJ
DLF Seeds Ltd	Thorn Farm, Evesham Road, Inkberrow, Worcestershire WR7 4LJ
DSV	Weissenburger Strasse 5, 59557 Lippstadt, Germany
Feldsaaten Freudenberger GmbH	Madgeburger Strasse 2, D-47800 Krefeld, Germany
KWS UK Ltd	Church Street, Thriplow, Nr Royston Herts SG8 7RE
Limagrain UK Ltd.	Camp Road, Witham St Hughs, Lincoln LN6 9TW
LSPB	North Barn, Manor Farm, Milton Road, Impington, Cambridge CB24 9NF
RAGT Seeds Ltd.	Grange Road, Ickleton, Essex CB10 1TA
STSGA	Broomhall, Inchtute, Perth PH14 9QP

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