

Your  
**PRO SWARD**  
Local Agent:

Progressive Swards  
for Progressive Farmers



*Digestibility • Spring Growth  
Palatability • Persistency  
Autumn Growth • Total Yield  
Irish Certified*

**PRO SWARD for PERFORMANCE & PROFITABILITY**



Welcome to ProSward an exciting new concept in grass seed mixtures for Ireland. Get more out of your grass and progress with confidence with PRO SWARD.

Achieving the ideal grazing sward will allow you to feed your livestock at the lowest possible cost and deliver excellent performance in terms of milk or meat production.

What key attributes do you require from the ideal grazing sward?

- High nutritive value and intakes throughout the grazing season
- Good grass supply particularly in spring and autumn
- Excellent sward survival to reduce reseeding cost

What characteristics do the varieties in a grass mixture need to achieve the key sward attributes above?

#### High Digestibility

This will increase energy available from grass and will also lead to higher Dry Matter intakes. Varieties will need to exhibit low levels of secondary heading.

#### Excellent Persistency

Including the ability to compete with weeds and to recover after poaching.

#### Good Spring Growth

To allow early turnout and reduce reliance on silage and concentrates.

#### Good Autumn Growth

To allow late autumn grazing and delay housing.

#### Highly Palatability

Stock must like the grazing sward enough to consume large quantities of it.

#### High Total Yield

This is essential to ensure a high stock carrying capacity.

These are the six criteria that are used to select varieties for ProSward. We select only from the top grass and clover varieties. We use all the information available to make our selections. The most important information sources are the Irish recommended list trials, the Northern Ireland recommended list trials, Teagasc research results and on farm experience throughout Ireland.

The varieties that perform well in Ireland may or may not be prominent in other countries and therefore information from other sources should be used with caution. We do however look to trial results from other countries to broaden our knowledge on varieties, for instance the recommended lists from DARD in Northern Ireland and the NIAB in the UK give information on 'D-values' which is not available as yet from the Irish DAF recommended list.

So when it comes to reseeding this year, think progressively... think ProSward!!

#### Grass Seed Quality

At ProSward, we aim to provide you with quality products that comply with the very highest standards in the industry. We operate under ISO 9002 accreditation. We carefully select seed of very high germination with good vigour. In addition all our mixtures are certified by the Department of Agriculture and Food and are fully traceable from our mixing plant to the farm.

All our grass seed formulations are carefully put together by our experienced technical staff and varieties used have clear and distinct attributes which merit their inclusion. Close attention is paid to heading dates and sound reasoning is used when designing mixture. We are confident that ProSward grass seed will deliver better levels of establishment, producing swards with assured levels of performance and excellent value.

## DARD (NI) IRISH RECOMMENDED LISTS 2006/2007

T E T R A P L O I D

	Variety Control	Heading Date	Total Silage Yield 15.3t/ha	2-Cut Silage DM Yield 9.8t/ha	2-Cut Digestible Yield 7.2t/ha	Total Grazing Yield 12.3t/ha	Spring Grazing Yield 2.1t/ha	Grass Quality D-value	Sward Density (0-9)
EARLY	Moy	8 May	101	98	101	96	118	69.3	6.7
	Donard	9 May	103	97	98	102	120	70.7	6.0
	Spira	14 May	101	99	99	96	114	70.0	6.5
	Kilrea	16 May	103	98	97	100	118	72.5	6.5
	Kimber	17 May	103	101	100	98	115	72.3	6.3
INTERMEDIATE	Spelga	19 May	104	103	102	98	107	(70.0)	6.2
	Cashel	20 May	99	97	98	97	96	71.4	6.8
	Aberdart	26 May	98	96	98	101	104	74.5	6.5
	Bree	26 May	101	101	101	100	99	72.5	6.5
	Gandalf	27 May	105	106	(101)	100	104	72.9	6.7
	Aberstar	27 May	99	96	(99)	105	109	75.8	6.2
	Betty (S)	29 May	103	91	93	91	91	(74.5)	6.4
	Marylin	31 May	94	92	91	97	86	74.8	6.7
	Glen	31 May	94	92	95	95	93	74.0	7.0
	Corbet	2 June	95	94	92	99	89	(70.0)	6.3
LATE	Denver	2 June	101	107	109	97	83	71.0	6.6
	Aberzest (S)	2 June	109	113	108	102	103	74.1	5.9
	Gilford	3 June	97	101	106	95	90	72.3	6.8
	Aberavon	4 June	101	105	107	103	95	74.5	6.1
	Tyrella (P)	5 June	101	108	(100)	101	105	72.4	6.5
	Foxtrot	6 June	100	101	104	105	93	73.0	6.3
	Pastour	7 June	103	108	110	103	98	72.4	6.2
	Portstewart	7 June	100	101	102	99	86	(70.0)	6.1
	Mateon1 (P)	7 June	100	102	103	100	84	73.6	6.7
	Tyrone (O)	8 June	97	97	97	97	85	72.9	7.0
Choice (O)	10 June	98	99	99	98	82	73.5	6.7	
EARLY	Abertorch	8 May	106	106	103	102	132	73.4	5.5
	Session	11 May	107	105	(111)	97	120	(71.5)	5.8
	Tetramax	17 May	102	103	104	98	112	72.3	5.8
	Niagara (P)	19 May	105	101	105	102	116	75.9	6.3
	Malone (P)	19 May	113	110	113	104	117	74.6	5.2
INTERMEDIATE	Aberglyn	20 May	107	111	108	101	128	73.0	5.5
	Magician	20 May	105	106	111	103	114	73.6	5.5
	Glenstal	21 May	109	112	109	106	124	71.5	5.6
	Eurostar	25 May	106	106	106	103	115	73.3	6.1
	Fornax	26 May	104	106	107	100	107	74.7	6.0
	Calibra	26 May	103	105	105	102	110	73.8	5.8
	Garibaldi	29 May	106	108	110	100	100	(74.5)	5.6
	Greengold	31 May	105	102	103	105	107	76.8	5.8
	Dunluce	31 May	111	108	110	110	116	73.6	5.6
	Glencar	2 June	117	128	121	102	110	72.2	5.5
LATE	Delphin	3 June	111	121	120	106	110	73.2	5.2
	Loporello	4 June	107	113	112	97	91	73.5	6.3
	Abergraigs	4 June	106	113	112	104	104	76.4	5.7
	Elgon	4 June	103	107	108	103	111	75.9	5.7
	Navan	6 June	107	110	111	105	96	74.5	5.5
	Cooper	7 June	102	103	102	107	99	70.9	5.5
	Tivoli	12 June	103	108	111	101	91	(74.5)	5.7
	Millennium	13 June	102	103	103	104	98	73.6	5.8

Key to abbreviation and symbols used in tables:

'S' = Varieties for specific use; 'P' = Varieties provisionally recommended; 'O' = Varieties becoming outclassed.  
( ) = Data comprising less than three separately sown trials should be treated with some caution.



## MEGACUT Silage Mixture

SHANDON	2.00 kg	12.00 kg per Acre pack
LISMORE (T)	2.50 kg	
PASTOUR	2.00 kg	
DENVER	2.00 kg	
PLENTY	1.50 kg	
GLENCAR (T)	1.50 kg	
BARBLANCA CLOVER	0.50 kg	

This is an ideal intensive silage mixture and is formulated in accordance with Teagasc advice. Very High Silage Yields – Varieties are chosen with high silage yields as a priority. All chosen varieties perform well in this regard with Glencar and Pastour being particularly excellent.

**High Digestibility & Palatability** – All varieties have excellent D-values either on the DARD or NIAB recommended lists. It contains 35% Tetraploid to take advantage of their excellent digestibility and high sugar (WSC) content.

**Excellent Persistency** – Silage swards are put under more pressure than grazing swards to survive. Heavy silage cuts are particularly punishing. These varieties are chosen to extend the lifetime of the sward. Plenty is the most persistent grass variety on the Irish market. Each of the other varieties is among the most persistent of its group.

**Spring Growth** – Very good early season growth. Contains 39% Intermediate varieties which have very high spring yields. Capable of being grazed in early spring and then closed for first cut silage.

**Clover** – Barblanca is a very high yielding large leaf clover which is ideal for a silage sward. It has an extremely high persistency score for a large leaf variety on the DARD recommended list.

MEGACUT is designed to give very high yields of top quality silage. First cut can be taken from mid to late May depending on closing date.



## PERSISTENCY

CANCAN	2.50 kg	12.00 kg per Acre pack
DENVER	2.00 kg	
TWYSTAR	2.00 kg	
PLENTY	3.50 kg	
TIMOTHY – PROMESSE	1.50 kg	
CRUSADER CLOVER	0.50 kg	

This mixture is designed to survive and is formulated in accordance with Teagasc advice. It is suitable for wet and heavy soils or where there is a high risk of poaching.

**Excellent Persistency** – All these varieties are very persistent and have excellent Ground Cover Scores. Plenty and the Timothy variety Promesse are exceptional in this regard. This mixture should survive even in the most challenging environment. Produces a very densely knit sward which aids recovery and minimizes poaching and soil erosion when being grazed by livestock.

**Timothy** – The inclusion of Timothy improves overall winter hardiness and also provides extra Spring growth in cold conditions.

**High Total Yield** – All these varieties have very high total yields. Spring growth will not be as good as the other mixtures; this is the compromise to get very high persistency. Autumn growth is however very good.

**Clover** – Crusader is an extremely persistent small leaf clover. It is the most suitable variety for a challenging environment. It has very high sward yield, clover yield and spring growth.

ProSward PERSISTENCY is designed to last.



## HIGH CLOVER

LISMORE (T)	1.50 kg	12.00 kg per Acre pack
TWYMAX (T)	1.50 kg	
DELPHIN (T)	1.50 kg	
DENVER	3.00 kg	
CANCAN	3.00 kg	
CHIEFTAIN CLOVER	0.75 kg	
CRUSADER CLOVER	0.75 kg	

This is an excellent High Clover mixture and is formulated in accordance with Teagasc advice. It is ideal for REPS farms or where stocking rates are less than 2 L.U. per hectare.

**High Digestibility & Palatability** – All varieties have excellent D-values either on the DARD or NIAB recommended lists. It contains 43% Tetraploid to take advantage of their excellent palatability and digestibility. This mixture has superb intake potential when grazed.

**Excellent Persistency** – Denver and Cancan have the highest Ground Cover Scores on the Irish recommended list. Twymax and Lismore have very high Ground Cover Scores for tetraploids.

**Spring Growth** – Delivers excellent levels of early spring growth. Delphin and Lismore have excellent spring yields and Denver is one of the best late diploids. Chieftain and Crusader are two of the best clover varieties for spring growth as can be seen from the DARD recommended list.

**Autumn Growth** – Very good levels of autumn growth.

**High Total Yield** – Expect very high clover yield and total sward yield.

**Clover** – Chieftain and Crusader are the best grazing clovers for Irish conditions. Both give excellent total sward yields and clover yields. Chieftain is good but Crusader is unrivalled for persistency.

ProSward HIGH CLOVER is a robust high clover sward designed for grazing and silage. High clover yield and overall sward yield are combined with excellent sward persistency.

ALSO AVAILABLE

**Pelleted Clover Overseeding Mixture** – This is a blend of the best clover varieties. It is designed to introduce clover or increase the clover content of existing ryegrass swards.

**Grass Overseeding Mixture** – A mixture specially formulated with aggressive, vigorously establishing grasses designed to improve the ryegrass content of existing pastures and/or repair poached or damaged fields following difficult grazing conditions.

**Italian Ryegrass** – A range of the best varieties are available.

**Hybrid Ryegrass** – These varieties are produced by crossing Italian and Perennial Ryegrasses. They are suitable for 3-4 year leys and have characteristics in between Italians and Perennials.

**Arable Silage Mixtures** – A range of mixtures are available including: Peas and Oats, Peas and Barley, Vetch and Hybrid Ryegrass.

**Special Mixtures** – We can supply mixtures to your own specification providing the varieties are available.

# IRISH RECOMMENDED LISTS 2007 PERENNIAL RYEGRASS

## INTERMEDIATE

Variety	Heading Date	Total Annual Yield 14.91tDM/ha	Ground Cover Score (1-9)	Spring Growth 1.07tDM/ha	Autumn Growth 3.11tDM/ha	Year First Listed
Control						
Spelga	21 May	100	6.6	96	103	1995
Cashel	23 May	98	7.2	86	99	2000
Shandon	24 May	99	7.2	104	100	2005
Premium	28 May	98	7.1	102	100	1997
Magician	21 May	103	6.3	117	105	1999
Trend	22 May	104	6.1	101	104	2007
Dunluce	25 May	101	5.9	98	109	2007
Edda	28 May	101	5.8	100	101	2003
Lismore	28 May	102	6.6	98	103	2006
Greengold	30 May	101	6.1	83	110	1997

## LATE

Variety	Heading Date	Total Annual Yield 14.92tDM/ha	Ground Cover Score (1-9)	Spring Growth 1.07tDM/ha	Autumn Growth 3.11tDM/ha	Year First Listed
Control						
Gilford	3 June	95	7.1	82	94	1997
Denver	4 June	98	7.5	98	95	2003
Soriento	4 June	98	7.5	98	94	2005
Tyrone	6 June	97	7.3	79	99	1989
Portstewart	7 June	100	7.1	103	98	1994
Cancan	12 June	98	7.7	88	104	2000
Twystar	14 June	97	7.3	92	98	1998
Orion	2 June	101	6.4	101	96	2002
AberCraigs	3 June	102	6.4	117	99	1999
Delphin	3 June	103	5.9	123	100	2002
Glencar	5 June	103	6.4	102	94	2005
Navan	6 June	102	6.5	92	107	1999
Twymax	8 June	102	6.8	91	98	2007
Millenium	11 June	99	6.5	99	103	1998
Sarsfield	11 June	100	6.9	82	102	1997

## WHITE CLOVER

Variety	Classification (leaflet size)	Total Annual Yield 10.62tDM/ha	Year First Listed
Control			
Alice	Large	103	1995
Aran	Large	102	1983
AberHerald	Medium	97	2003
Avoca	Medium	99	1995
Chieftain	Medium	102	2005

## DARD (NI) WHITE CLOVER 2007

## WHITE CLOVER

Variety	Total Sward Yield 12.6t/ha	Clover Yield 3.9t/ha	Grass Yield 8.7t/ha	Low N (0-9)	High N (0-9)	Spring Clover Yield 0.42t/ha	Relative Leaf Size (% Huia)
Control							
AberHerald	98	96	98	4.9	4.4	69	88
Alice	102	110	98	5.0	4.1	97	122
Aran	100	115	93	4.2	3.2	95	152
Avoca	100	100	101	5.9	5.0	81	89
Barblanca	102	112	98	5.6	4.6	134	124
Chieftain	103	125	93	5.3	4.5	132	101
Crusader	102	107	100	5.7	4.9	160	84



MEGABITE Grazing Mixture

DENVER	2.40 kg
FOXTROT	2.00 kg
PLENTY	2.50 kg
DELPHIN (T)	2.00 kg
TWYMAX (T)	2.60 kg
CRUSADER CLOVER	0.25 kg
CHIEFTAIN CLOVER	0.25 kg

12.00 kg  
per Acre pack

This is an ideal intensive grazing mixture and formulated with Teagasc advice.

**High Digestibility & Palatability** – All varieties have excellent D-values either on the DARD or NIAB recommended lists. It contains 40% Tetraploid to take advantage of their excellent palatability and digestibility. MEGABITE has superb intake potential when grazed.

**Excellent Persistency** – This mixture is designed to last and to extend the lifetime of the sward. Plenty is the most persistent grass variety on the Irish market. Denver has a very high Ground Cover Score. Twymax is the second best tetraploid for Ground Cover Score.

**Spring Growth** – Delivers excellent levels of early spring growth. Delphin is a top spring performer while Denver and Foxtrot have very good spring yields.

**Autumn Growth** – Very good levels of autumn growth.

**High Total Yield** – All varieties have very high total yields.

**Clover** – Chieftain and Crusader are the best grazing clovers for Irish conditions. Both give excellent total sward yields and clover yields. Chieftain is good but Crusader is unrivalled for persistency. MEGABITE produces a dense leafy sward, easily managed with consistent growth and rapid recovery throughout the grazing season.



MEGASWARD Dual Purpose Mixture

PREMIUM	1.50 kg
FORNAX (T)	2.00 kg
PASTOUR	2.00 kg
PORTSTEWART	1.50 kg
CANCAN	2.50 kg
NAVAN (T)	2.00 kg
CHIEFTAIN CLOVER	0.50 kg

12.00 kg  
per Acre pack

This is a top quality dual purpose mixture and is formulated with Teagasc advice. It strengths are spring growth and good silage yields from about 23rd May onwards.

**High Digestibility & Palatability** – All varieties have excellent D-values either on the DARD or NIAB recommended lists. It contains 35% Tetraploid to take advantage of their excellent palatability and digestibility. The Intermediate content is kept at 30%.

**Excellent Persistency** – The mixture has a very good average Ground Cover Score and Cancan has the best Ground Cover Score on the Irish recommended list.

**Spring Growth** – Very good early season growth. Contains 30% Intermediate varieties which have good spring growth and excellent first cut silage yields. Portstewart and Pastour have very good spring yields among Late Diploids.

**High Total Yield** – All varieties have very high total yields.

**Clover** – Chieftain is the highest yielding medium leaf clover variety on the Irish recommended list and has very good persistency levels on the DARD recommended list.

MEGASWARD produces a dense leafy sward, easily managed. It is an ideal mixture where only one silage cut is taken or where spring growth is a priority.