

Reseeding Plan of Action

- ▶ Identify poor performing fields/weed infestations.
- ▶ Soil Sample.
- ▶ Apply lime if required.
- ▶ Sow in good conditions and roll.
- ▶ Spray post-emergence for broadleaved weeds especially Docks and Thistles before grazing.

Choosing Varieties

We pick tried and tested varieties from the Teagasc Pasture Profit Index and the Department of Agriculture recommended list. The PPI list ranks ryegrass varieties based on their potential to influence farm profitability. Each variety tested is given an index based on traits. These include economic importance for grassland farmers combined with good management techniques. The traits are Spring, Summer and Autumn Growth, Silage Yields, Quality, Persistency and Grazing Utilisation, which is a measure of how well the sward is grazed out. In conjunction with the DAFM recommended list, the PPI is designed to assist with the variety selection suitable to each farming system.

Getting Soil Fertility Right:

- ▶ Soil test for P, K and lime requirements (pH) before reseeding.
- ▶ Soil test in autumn before planned reseeding. Make sure to test to an adequate soil depth-10cm.
- ▶ The target soil pH is 6.3 for mineral soils and pH 5.5 for peat soils. Do not apply more than 7.5ton lime/ha (3 ton/ac) in a single application.
- ▶ P and K must be brought up to soil index 3.
- ▶ N is essential for good grass establishment and growth. Apply 40kg N/ha (30 units N/ac) when reseeding.
- ▶ After ploughing permanent pasture for reseeding, paddocks should be tested again the following year to ensure that the fertility of the soil brought to the surface by ploughing is correct for grass growth.

Tetraploid Vs Diploid

Tetraploid

- ▶ Tall upright growth
- ▶ More open sward
- ▶ Higher digestibility (Higher sugar grasses)

Diploid

- ▶ Good Ground Cover
- ▶ Dense Sward
- ▶ Lower Digestibility

Teagasc Pasture Profit Index 2021

Highlighted in GREEN denotes varieties contained in our Green Valley Range

INTERMEDIATES										
Variety Details			Total PPI	PPI Sub-Indices (€/Ha/Year)						* Teagasc Grazing Utilisation Trait (1-5 star)
Variety Name	Ploidy	Heading Date		Sub-indices						
			€ Spring	€ Summer	€ Autumn	€ Quality	€ Silage	€ Persistency		
AberClyde	T	25 May	225	42	62	48	41	31	0	****
AberMagic	D	28 May	199	24	63	81	17	14	0	**
Astonconqueror	D	27 May	195	70	50	52	-7	30	0	****
Moira	D	26 May	187	97	36	61	-33	25	0	****
AberWolf	D	30 May	179	44	49	50	10	26	0	***
AberGreen	D	31 May	169	23	68	74	-0	4	0	*
Fintona	T	24 May	168	38	50	53	-9	36	0	****
Dunluce	T	29 May	161	10	54	54	20	22	0	****
Elysium	T	27 May	157	38	46	36	13	24	0	
Gusto	D	31 May	149	31	46	64	11	-4	0	****
Nifty	D	28 May	127	28	57	61	-34	15	0	**

LATES										
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			€ Spring	€ Summer	€ Autumn	€ Quality	€ Silage	€ Persistency		
Gracehill	T	4 Jun	222	35	57	61	12	56	0	*
AberGain	T	4 Jun	212	18	56	54	52	32	0	***
Nashota	T	3 Jun	200	37	50	45	32	36	0	
Glenfield	T	3 Jun	188	48	60	44	5	31	0	
AberPlentiful	T	8 Jun	186	42	60	54	13	16	0	**
AberChoice	D	11 Jun	182	9	62	60	43	8	0	**
Meiduno	T	3 Jun	180	34	53	50	30	13	0	***
Ballyvoy	D	3 Jun	167	54	42	50	21	-1	0	*
Ballintoy	T	4 Jun	159	19	55	47	19	19	0	***
AberBite	T	1 Jun	156	-13	52	56	35	26	0	**
Bowie	D	16 Jun	152	9	50	57	31	5	0	
AstonEnergy	T	1 Jun	138	-7	45	48	51	0	0	*****
Briant	T	3 Jun	137	-1	55	49	15	19	0	***
Oakpark	D	2 Jun	132	21	49	55	-10	16	0	***
Drumbo	D	5 Jun	129	12	40	45	27	4	0	*
Solas	T	10 Jun	129	-2	46	61	6	19	0	**
Xenon	T	7 Jun	128	2	46	40	31	9	0	*****
Callan	D	3 Jun	123	59	38	41	-25	11	0	****
Aspect	T	3 Jun	122	1	47	34	29	12	0	*****
Triwarwic	T	2 Jun	122	9	50	33	9	21	0	
AstonKing	D	5 Jun	115	52	42	36	-19	4	0	****
Smile	D	4 Jun	68	-8	35	48	-9	0	0	

Liffey Mills is one of the country's leading Agricultural Merchants.

With over 70 years of experience delivering top quality products to farmers to maximise farm gate profits in all aspects of agriculture.

Now in our 5th season of our exclusive Grass Seed Range. The **Green Valley** range of grass seeds varieties are meticulously chosen from Teagasc Pasture Profit Index (PPI) and the Department of Agriculture recommended perennial ryegrass seed list.

Our team of nutritionists and agronomist formulated each mix with consideration from farmer feedback and studies conducted by Teagasc Moorepark to deliver top-quality mixes for Yield, Nutritive Values, Digestibility, Persistency, Density and Palatability.

The ultimate aim is to provide efficiency and performance to farmers.

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LIFFEY MILLS



GREEN VALLEY GRASS SEEDS

2021



◀ Fuelling Efficient Farming ▶

Gold Sward

Dual-purpose mix with a very close heading date spread.

- ▶ A 55:45 diploid tetraploid grass seed mix.
- ▶ Gold Sward will result in a dense leafy sward suited to intensive animal production systems.
- ▶ Mixture designed for an early graze, followed by a cut of silage in May/June and good grazing afterwards.

- 5.0kg Abergain(T)
- 3.0kg Aberchoice(D)
- 3.0kg Ballyvoy(D)
- 1.0kg Pelleted White Clover Blend

ALSO AVAILABLE WITHOUT CLOVER

NOTE: Diploid (D) & Tetraploid (T) varieties are shown by the presence of the symbol after the variety name.

KEY FEATURES

Abergain (T):

- ▶ The "top" most sought after grass variety and is a must in all grass seed mixes in intensive farming situations.
- ▶ Consistently in the top 3 of Teagasc 'Pasture Profit Index' since it began.
- ▶ One of the top late heading tetraploids with a total score of €212 on the PPI.
- ▶ Abergain is the highest quality variety with excellent palatability for higher utilization of your swards.

Aberchoice (D):

- ▶ Top late heading diploid variety on the PPI with a score of €182.
- ▶ A variety that allows a good cut of silage and exceptional autumn growth for grazing afterwards.
- ▶ One of the four late heading diploids that have a positive score for quality on the Teagasc PPI.

Ballyvoy (D):

- ▶ New for 2021 & 2nd best late diploid on the PPI with a score of €167.
- ▶ Excellent seasonal growth, especially for spring.
- ▶ High quality for improved palatability.

Pelleted White Clover Blend:

- ▶ A blend of high yielding, nitrogen tolerant clovers that all score well for persistence.



12kg Bag

Sweet Sward

A carefully selected blend of exceptionally high D-Value grasses.

- ▶ Delivering a highly palatable and nutritious sward for early spring right through to late autumn growth.
- ▶ Specifically formulated for the farmer that has high output and stocking rate requirements.
- ▶ Contains 63% of late heading tetraploid varieties, chosen for their palatability in a grazing situation.

- 4.0 kg Abergain (T)
- 4.0 kg Aberchoice (D)
- 3.0 kg Aston Energy (T)
- 1.0kg Pelleted White Clover Blend

ALSO AVAILABLE WITHOUT CLOVER

KEY FEATURES

Abergain (T):

- ▶ A late heading Tetraploid with a heading date of June 4th.
- ▶ It rates €212 per hectare on the PPI which ranks it in the top 2 of the table for the late heading varieties.
- ▶ A digestibility score of €52 per hectare ranks it top with regards to quality.

Aberchoice (D):

- ▶ Late heading Diploid variety, with a heading date of June 11th.
- ▶ A high digestibility score of €43 per hectare will ensure a full cleanout of paddocks post grazing.
- ▶ Boasts an overall PPI of €182 per hectare for 2021.

Aston Energy (T):

- ▶ Ranking as the 2nd highest grass variety on PPI for digestibility.
- ▶ Teagasc research shows Aston Energy achieves the 'lowest post grazing heights' of any grass variety, hence the 5-star rating on the PPI for Teagasc Grazing Utilisation Traits.
- ▶ Combined with Abergain and Aberchoice, it's unbeatable in a grazing situation.

Pelleted White Clover Blend:

- ▶ A blend of high yielding, nitrogen tolerant clovers that all score well for persistence.



12kg Bag



Silage Sward

A carefully blended mixture containing 60% Diploid and 40% Tetraploid.

- ▶ All varieties have compact heading dates to ensure quality and dense swards for superb silage.
- ▶ Caters for the farmer looking for an intensive silage mixture where 1st cut is taken by the 25th of May, using 4.5kg of Aberclyde (No. 1 grass variety on PPI) to ensure early growth for a good cut of highly digestible silage.
- ▶ The addition of Clover is also available for those in derogation if required.

- 4.50 kg Aberclyde (T)
- 4.00 kg Aberwolf (D)
- 3.00 kg Abergreen (D)

ALSO AVAILABLE WITH CLOVER

KEY FEATURES

Aberclyde (T):

- ▶ An intermediate tetraploid with a heading date of the 25th of May.
- ▶ The highest variety on the Teagasc PPI at €225.
- ▶ An exceptional variety that scores consistently high across all traits on PPI.

Aberwolf (D):

- ▶ An intermediate diploid perennial ryegrass.
- ▶ It has an unrivalled combination of grazing yield, conservation yield, extended season performance and quality (D value).
- ▶ Aberwolf is a very strong performer throughout the grass growing season.

Abergreen (D):

- ▶ A high yielding, high quality intermediate diploid variety.
- ▶ Strong yield performance for summer and autumn yield.
- ▶ A proven variety on Irish farms with an autumn score of €74, which will give you the yield you need for 3rd cuts.



11.5kg Bag



Sward Maker

A blend of 80% Diploid varieties with 20% of the most sought-after Tetraploid variety Aston Energy for conditions that demand the best sward density.

It is specifically formulated for that ground that needs good ground cover where poaching can cause problems.

- 4.4 kg Oakpark(D)
- 4.0kg Astonconqueror(D)
- 2.5kg Aston Energy(T)
- 0.6kg Naked Crusader White Clover

KEY FEATURES

Oakpark (D):

- ▶ Established in 2019 by Teagasc.
- ▶ It's rated 3rd highest of any late diploid on the PPI.
- ▶ Excellent seasonal growth, it has the highest score for silage yield of any late diploid.
- ▶ Highest late heading diploid for ground cover, which is essential in this particular mixture.

Astonconqueror (D):

- ▶ A late heading intermediate diploid variety with a heading date of 27th May.
- ▶ Exceptional spring growth with a grazing utilisation score of 4 stars.
- ▶ Very good ground cover which will form a thick sward during the growing season.

Aston Energy (T):

- ▶ One of the most sought after late heading Tetraploid Variety on the DAFM list.
- ▶ One of the top 3 varieties for Grazing Utilisation with a 5-star rating.
- ▶ Excellent when partnered with Aston Conqueror with its seasonal growth.

Naked Crusader White Clover:

- ▶ Crusader is the best clover for these challenging soils that can tolerate tight grazing.



11.5kg Bag

