

Unlock the true potential from your silage next winter

Silage Quality 2020



Why do you need better quality silage?

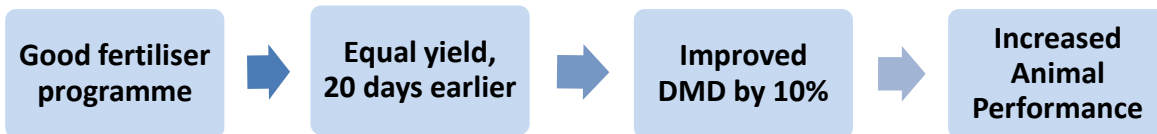
High DMD silage (75% DMD), that is a leafy silage sward prior to mowing, can add value to your stock on a lower feed cost as highlighted in the table below.

Silage Quality	Good 72% DMD	Average 68% DMD	Poor 62% DMD	Very Poor 55% DMD
Concentrate required (kg/hd/day)	1.0	2.0	3.0	4.5
Concentrate required (kg/hd/day) 100 weanlings 140 day winter	14 Ton	28 Ton	42 Ton	63 Ton
Conc. Costs over winter	€3,500	€7,000	€10,500	€15,750
Liveweight gain (kg/140 day winter) (silage only)	102	78	49	15

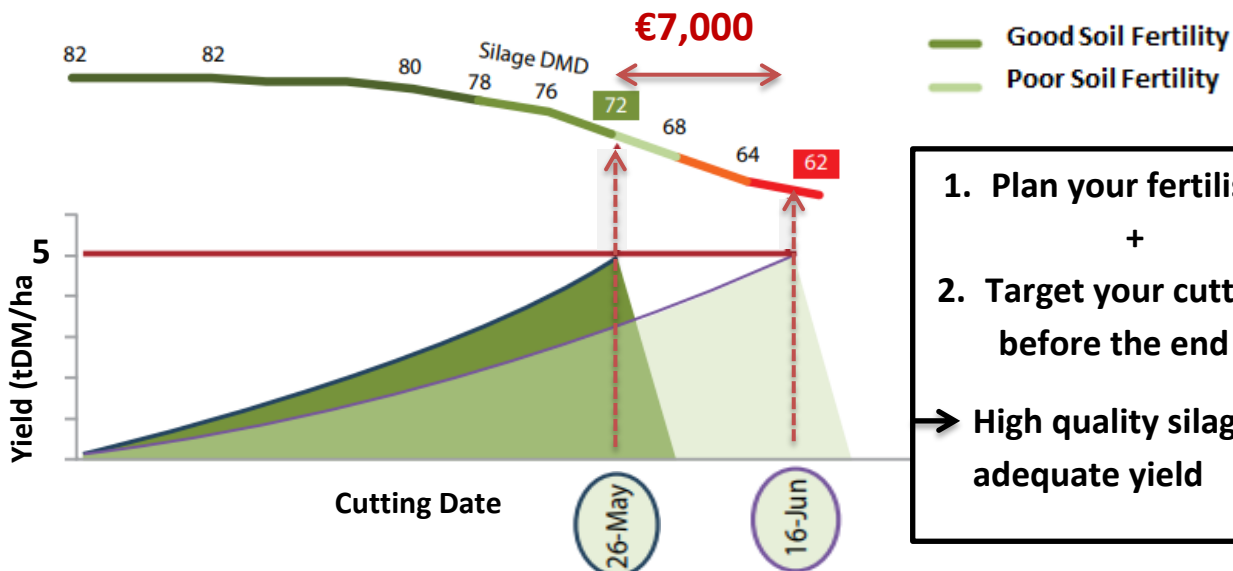
Delaying your cutting date costs approximately **€500/day!**

How can you achieve this?

To improve quality you need to harvest the crop at a younger (leafy) stage.



Soil Fertility - Effects Silage on Yield and Quality



1. Plan your fertiliser +
 2. Target your cutting date before the end of May
- High quality silage at an adequate yield



A good fertiliser programme will allow you to decide your silage DMD.

Based on your soil results you can work out your requirements below.

Units /acre:

Soil Index	N	P	k	0-7-30	Urea (46%)	CAN (27%)
Index 1	100	32	140	4.5	2.25	3.75
Index 2	100	24	124	3.5	2.25	3.75
Index 3	100	16	100	2.25	2.25	3.75

Kg/ha:

Soil Index	N	P	K	0-7-30	Urea (46%)	CAN (27%)
Index 1	125	40	175	550	280	460
Index 2	125	30	155	430	280	460
Index 3	125	20	125	280	280	460

Is your fertiliser plan adequate?

Step A	Requirements from above (N, P, K)		N	P	K
	E.g. Index 2 (Units/acre)		100	24	124
Step B	Fertiliser Type	Quantity Applied			
	E.g. 24-2.5-10	3 Bags/acre	72	7.5	30
Step C	Total Applied (N, P, K)				
Step D	Deficit left to be applied (A-C)				
	E.g. Deficit from example above		28	16.5	94

*Slurry can be a very variable product and should not be overvalued.

2000 gallons of slurry is approximately = 1.5 bag of 0-7-30

Address this deficit to achieve the true potential from your silage:

Higher weight gain at low costs next winter