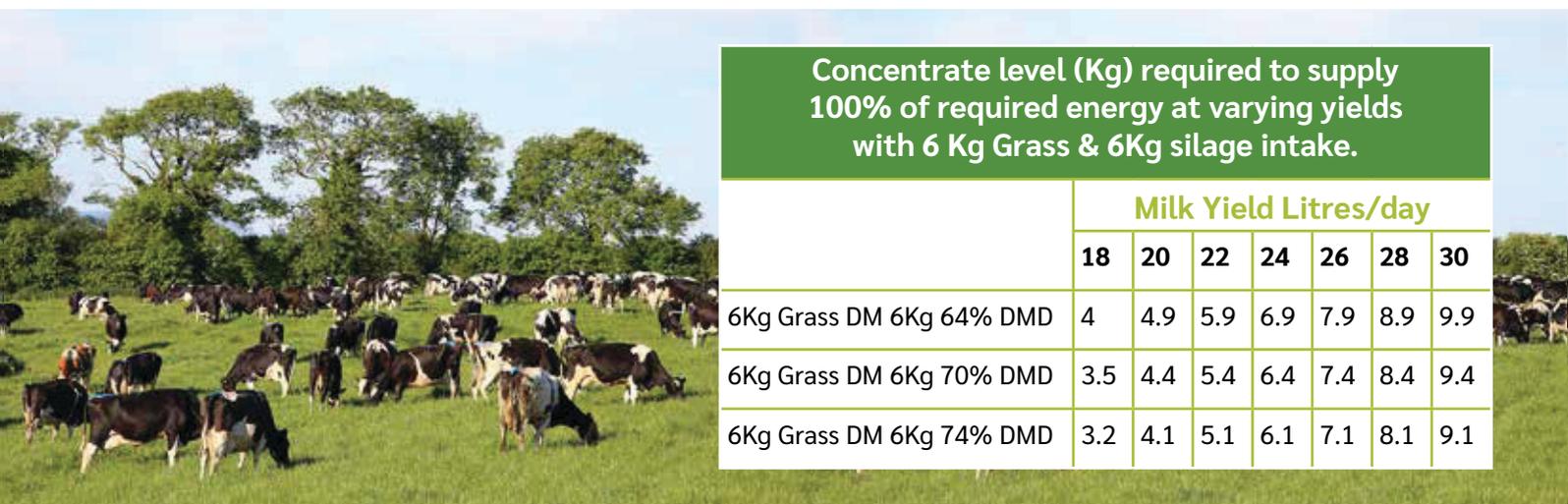


COW NUTRITION, PREGNANCY GOALS & GIVING EVERY COW THE OPPORTUNITY OF 3 - 4 SERVES

PREGNANCY GOALS FOR THE BREEDING SEASON

<h3 style="margin: 0;">1</h3> <p style="margin: 0;">Maintain 82% of the current 2020 milking herd for the 2021 season and have a high 6-week calving rate.</p>	<h3 style="margin: 0;">2</h3> <p style="margin: 0;">Reduce empty rate to 9% to allow for voluntary culling on Lameness, SCC & Production.</p>	<h3 style="margin: 0;">3 Nutritional Goal</h3> <ul style="list-style-type: none"> Have cows calving at BCS 3.0 to 3.25 Minimize BCS loss from calving to breeding to a max of 0.5 BCS Have cows on a BCS of 2.75 or greater at Breeding Have cows fully fed during the breeding season
--	---	--

BCS of 2.75 or greater and <0.5 BCS loss from calving to mating. This will maximises Submission and Conception Rates.
The cow will cycle early in the breeding season, allowing time for 3-4 serves and maximise her pregnancy chances.



Concentrate level (Kg) required to supply 100% of required energy at varying yields with 6 Kg Grass & 6Kg silage intake.							
	Milk Yield Litres/day						
	18	20	22	24	26	28	30
6Kg Grass DM 6Kg 64% DMD	4	4.9	5.9	6.9	7.9	8.9	9.9
6Kg Grass DM 6Kg 70% DMD	3.5	4.4	5.4	6.4	7.4	8.4	9.4
6Kg Grass DM 6Kg 74% DMD	3.2	4.1	5.1	6.1	7.1	8.1	9.1

The mistake most commonly made is an overestimation of the grass intake. If you overestimate grass intake, cows will not be fully fed and will lose BCS. The most vulnerable cows are the 1st calvers and the high yielders.

Are you losing too many 1st calvers and mature cows each year?

At this level of feeding there will be no decrease or increase in BCS.

The following table will ensure that cows are fully fed and that intakes match output.

Concentrate level (Kg) required to supply 100% of required energy at varying yields and at grass full time							
	Milk Yield Litres/day						
	18	20	22	24	26	28	30
Grass Intake Kg/Day							
12	1.9	2.8	3.8	5.0	6.0	7.0	8.0
13	0.8	1.7	2.7	3.6	4.9	5.9	6.9
14		0.6	1.5	2.5	3.4	4.8	5.8
15			0.4	1.4	2.3	3.7	4.7
16				0.3	1.2	2.2	3.1
17					0.1	1.1	2.0
18							0.9

ONCE A DAY MILKING

This is key for cows less than 2.75 BCS and late calvers. It will increase BCS and reduce time to first heat. Maintaining the input and decreasing the output. Cows on once a day milking need to go through the parlour and be fed twice a day. Mark them with leg bands or tail tape. Only put cows on once a day that you are keeping for 2021 and their SCC is less than 200.

MONITOR: Watch carefully the volume of milk and % protein delivered as both are excellent indicators of energy. Ensure neither drops 3 weeks prebreeding and during the breeding season.

6

In inclement weather intakes will be reduced and the cows need to be supplemented.

