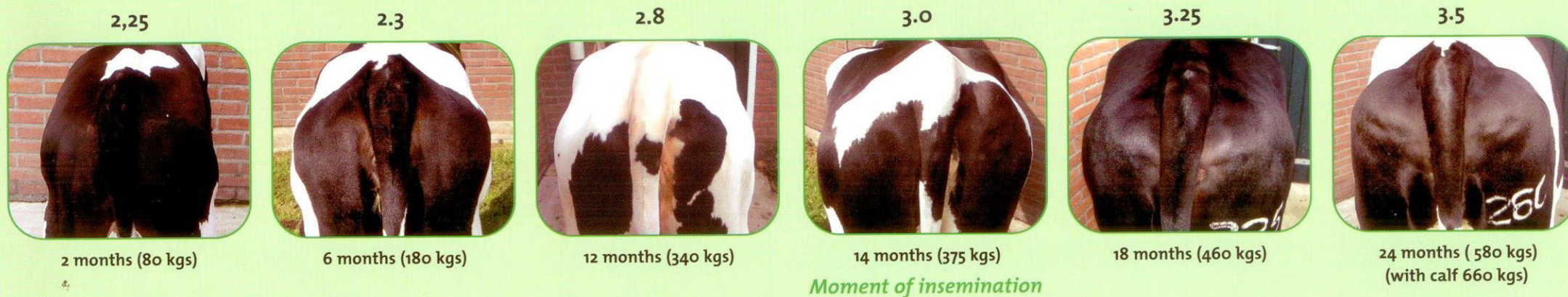


# Condition score calves/heifers of different ages



## OPTIMAL GROWTH

In this diagram the desired weights refer to cows that have an adult weight of 680 kgs and of 580 kgs after the first calving.

Table Optimal Growth

	% of adult weight	live weight kgs	heart girth	rump height	average growth per day in grammes
Birth weight	6%	41			
Weaning weight	12%	82	101		550-600
Age 6 months	26,5%	180	129	108	700-800
Age 12 months	50%	340	161	126	800-850
<b>Insemination at</b>	<b>55-60 %</b>	<b>375-408</b>	<b>168-174</b>	<b>130-133</b>	<b>675-725</b>
Age 18 months	68%	460	182	135	600-650
After calving	85%	580	197	144	
Adult cow	100%	680	212		

## FEEDING

It is essential that the animal develops optimally. It is necessary to follow the next feeding recommendations:

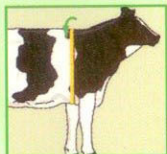
- Feeding colostrum is a must
- After three days milkreplacer (10 % of body weight)
- After day 4 fresh water available
- Tasteful and soft concentrates.
- Weaning at 12 % adult weight.
- Broken maize corn + grain stimulates the rumen papilla.
- Enough concentrates with a high amount of protein till the moment of insemination
- Be aware of **over-conditioned** animals in the second year growth period.

Table Average Feeding Requirement

Weight	DM-intake roughage	Kg concentrate	FUM	MJ	TDN	CP
100	1,5	1,75	2900	20,1	2210	17 – 18
150	2,9	1,0	3400	23,6	2600	16 – 17
200	4,6	0,5	4100	28,4	3130	16 – 17
250	5,2	0,5	4800	33,3	3660	15 – 16
300	6,1	0	5200	36,1	3970	15 – 16
350	7,0	0	5700	39,6	4350	15 – 16
400	7,3	0,5	6400	44,4	4890	14 – 15
450	7,7	1,0	7100	48,6	5340	14 – 15
500	8,4	1	7700	53,5	5880	14 – 15

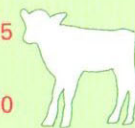
Till 10 months (300 kgs live weight) the quality of the roughage should be: 850 FUM (5,9MJ/650TDN)  
After 10 months " " " " : 800 FUM (5,6 MJ/610TDN)

# Heifer Growth Chart



live body weight (kgs)

Body Condition Score   live body weight (kgs)   height (cm)



condition score

heart girth (cm)



2



3



4

Moment of insemination



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