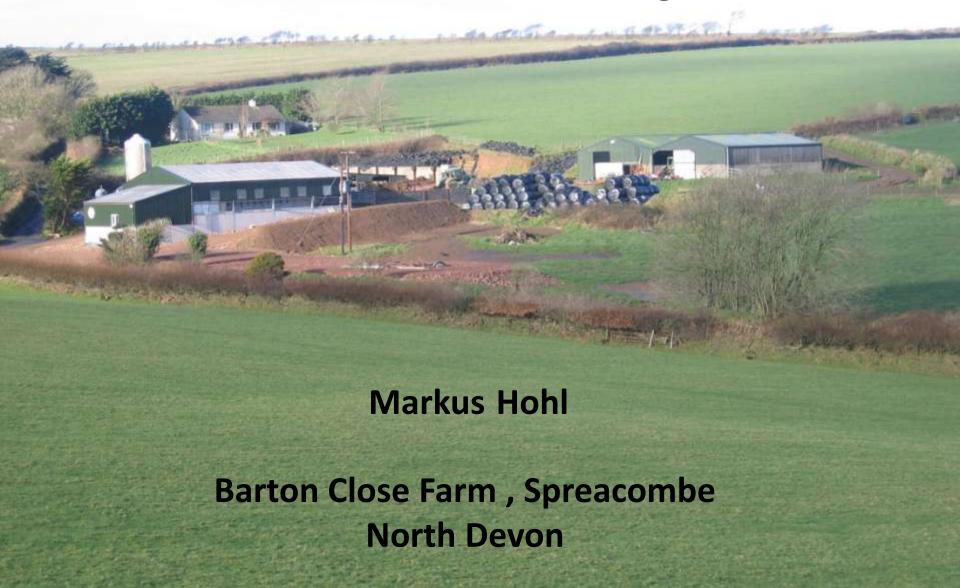
5500 litres from forage?



Aims

- Originally a high yielding Holstein herd
- Conversion to organic status in 2000
- Needed to improve forage quality animal health longevity profit











Cereal management





Crop rotation

- White clover/permanent ley- predominately grazing
- 2 yrs Italian ryegrass/red clover-mainly forage
- Fodder beet
- Spring barley/pea lupicaleage
- Spring barley undersown



FODDER BEET



Forage analysis

	DM (%)	ME	СР	Starch	NDF
1 st cut grass/wc	26	12.4	12.9	-	47.8
Triticale/lupins	54	9.5	12.1	19.8	56.2
S Barley/peas	29.9	9.7	13.7	21.3	47.4
Crimped Trit	63.0	12.3	7.4	60.3	12.0



New Sheeting



Feeding





Diet (40 litres) 2006

ingredient	Kg fresh weight
Grass/wc 1 st cut	36 .0
Wholecrop pea/barley	7.0
Wholecrop wheat	3.0
Crimp	3.00
Blend (18%)	3.50
Soya	1.0
Mins/vits/yeast	0.25

Formulation summary 2006

	kg
DMI	26.54
NDF (%)	41.48
CP (%)	13.5
M/D (MJ/Kg DM)	11.13
Starch (%)	12.5
DM from forage (%)	76.3

38p/l

8600 litres/cow

5500 I from forage

Diet (30 litres) now

ingredient	Kg fresh weight
Grass/wc 1 st cut	20 .0
Wholecrop pea/barley	10.0
Wholecrop trit/lupin	10.0
Fodder Beet	10.0
Crimp	2.00
Blend (18%)	4.3
Soya	1.0
Mins/vits/yeast	0.125

DMI 23.7kgNDF 35.5%CP 15.3%

Herd size	143
Milk yield	7366
Milk fat	4.33
Milk protein	3.41
SCC	238,000
Bactoscan	40
urea	169
Av herd lactations	7
CR to 1st service (last 3 months)	60%
Days to conception	105
Calving index	381

Lameness no longer a problem

36 cases of mastitis in last 12 months

