

USER GUIDE 2.-Adjusting rations:-

The screenshot shows the 'Total Diet Management' software interface. The feed ration is as follows:

Feed Item	kg/c/d	Tonnes
SlgeGrass1stCu	25.2	534
Maize Silage	16.8	357
Higrain	0	0
Hiprocake	2.1	45
BrwrsGrns	5.0	105
CaneMolasses	0	0
SBP Mol	1.5	31
SoyaBnMI	3.1	65
Wheat	5.4	114
NIS	0.0	0

Summary Metrics:

- MYLitres: 40
- MJ/kgDM: 11.8
- CP%: 14.6 (circled in red with a red 'X')
- Total DMI: 25.1 (circled in red)

Energy and Margin Data:

- Enough Energy?: 295.2 (Need 282.2 MJ for 37.7 litres)
- Can They Eat It?: 3.8 (Between 3.0 and 3.8)
- How Much Margin?: £1,477 (Per Cow), £147,744 (Herd mopf)

Information Panel:

- Average Cows in Milk: 100
- Target Yield Per Cow: 8000
- Type Of Herd: Black & White
- Body Weight: 660
- Total Ha Cut + Grazed: 20
- Milk Price: 0.23

Buttons: Amend Feed Database, Save Slider Positions, Load Slider Positions, Print Results Screen, < Previous, Next >

Yellow banner: Adjust the feed values to calculate an acceptable margin.

Protein too low – Intake(DMI)optimistic- too high – rumen acidosis – *sliders adjust*
 HiProcake up to 4 – Wheat down to 2 – now intake attainable, with no acidosis
 Milk solids up – margin attainable – *save slider settings – print results screen*

The screenshot shows the 'Total Diet Management' software interface after adjustments. The feed ration is as follows:

Feed Item	kg/c/d	Tonnes
SlgeGrass1stCu	25.2	534
Maize Silage	16.8	357
Higrain	0	0
Hiprocake	4.0	85
BrwrsGrns	5.0	105
CaneMolasses	0	0
SBP Mol	1.5	31
SoyaBnMI	3.1	65
Wheat	2.0	43
NIS	0.0	0

Summary Metrics:

- MYLitres: 37
- MJ/kgDM: 11.7
- CP%: 15.3 (circled in green with a green checkmark)
- Total DMI: 23.9 (circled in green)

Energy and Margin Data:

- Enough Energy?: 278.8 (Need 282.2 MJ for 37.7 litres)
- Can They Eat It?: 3.6 (Between 3.0 and 3.8)
- How Much Margin?: £1,483 (Per Cow), £148,304 (Herd mopf)

Information Panel:

- Average Cows in Milk: 100
- Target Yield Per Cow: 8000
- Type Of Herd: Black & White
- Body Weight: 660
- Total Ha Cut + Grazed: 20
- Milk Price: 0.25

Buttons: Amend Feed Database, Save Slider Positions, Load Slider Positions, Print Results Screen, < Previous, Next >

Yellow banner: Adjust the feed values to calculate an acceptable margin.