

Precision Balancer 33



Providing a range of protein sources, Precision Balancer 33 is an un-mineralised hence flexible protein concentrate, suitable for beef, dairy plus replacement heifer cattle and sheep. It is designed to complement cereals, low protein feeds and forage to optimise microbial protein production and provide rumen by-pass protein to boost overall protein supply.

Typical Analysis (on a fresh basis)

Dry matter (%)	Energy (MJ ME/kg DM)	Crude protein (%)	Oil (%)	Fibre (%)	Starch (%)
87	12.0	33	4.0	10.0	7.5

What are you trying to achieve?

Need	Feature	Benefit
Balance low protein feeds	High levels of protein	Maximising use of home grown feeds to reduce feed costs
Provide a variety of protein sources	Good balance of rumen degradable and bypass proteins	Complements fermentable energy from cereals and digestible fibre feeds and provides supplementary by-pass protein for higher performance
Reduce feed costs	A good source of rumen degradable and high quality by-pass protein	Ability to capitalise on the energy provided by cereals and low protein feeds such as sugar beet feed
Increase milk yield		Allows the cow to maximise milk production
Increase milk protein yield or live weight gain		Provides the building blocks to drive milk protein synthesis, increasing value per litre and per cow, as well as lean, live weight gain
No processing, ready to feed, easy storage	Ready to use blend	Suitable for a number of different feeding systems

The predicted responses (benefits) assume that the specified nutrient, physical or structural dietary components are limiting livestock performance in the current ration.



Recommended daily feed rates (per head basis)

Precision Balancer 33 can be fed as part of a TMR or top dressed either as a straight feed or premixed with lower protein feeds, a 30 to 40% inclusion with low protein feeds such as cereals and / or sugar beet feed to produce a 17 to 18% protein concentrate for dairy cows and at 25% with feeds such as barley to produce a 16% beef or heifer grower ration. Precision Balancer 33 does not contain additional vitamins and minerals appropriate sources for stock being fed must be provided.

Milking Cows	Up to 5 kg
Dry Cows	Up to 1.5 kg (a dry cow vitamin and mineral supplement should be fed)
Replacement Heifers	Up to 1.5 kg and up to 25% of the DMI
Calves (to 12 weeks)	Up to 0.75 kg and up to 20% of the DMI
Growing Cattle	Up to 1.5 kg and up to 30% of the DMI
Finishing Cattle	Up to 2 kg and up to 35% of the DMI
Suckler Cows	Up to 2 kg
Ewes and Rams	Up to 0.75kg
Hoggets and Lambs	Up to 0.5kg

DMI= dry matter intake

Availability, handling and storage

Precision Balancer 33 is available from all KW blend sites, all year round in bulk loads between 5 and 29 tonnes. Collections from the site can also be made by prior arrangement. Like all dry feeds, it should be stored in a secure shed, bunker, or hopper and kept cool and free from vermin.

Additional information

Quality Assurance

All KW blend sites are UFAS accredited and, as far as possible, they will source locally produced feed materials. Additional feed materials will be obtained from Feed Material Assured Suppliers (FEMAS), or equivalent to ensure stringent quality controls are met.

Legal Disclaimer

Suggested feeding rates are produced as a guide only and many other factors may have an overriding effect on animal response; no performance guarantee can be given. Rations should be carefully balanced for energy and protein, contain sufficient forage to maintain rumen function and be fortified with an appropriate vitamin and mineral supplements. Animals must have constant access to clean water.



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Detailed Typical Analysis (fresh basis other than where stated)

Dry matter	%	87.0	Calcium	g/kg	4.0
Oil A	%	3.5	Magnesium	g/kg	3.5
Oil B	%	4.0	Phosphorus	g/kg	7.0
Crude protein	%	33.0	Potassium	g/kg	14.0
Crude protein: DM	%	38.0	Salt	g/kg	2.25
Fibre	%	10.0	Sodium	g/kg	1.0
Ash	%	6.0	Copper	mg/kg	11.0
ME* – <i>in vivo</i>	MJ/kg DM	12.0	Manganese	mg/kg	110
NDF	%	27.5	Selenium	mg/kg	0.1
Starch	%	7.5	Zinc	mg/kg	55.0
Sugar	%	6.5	Saturates	% of oil	20.0
ERDP-FiM*	% @ 6%	19.5	Monounsaturates	% of oil	50.0
DUP-FiM*	% @ 6%	11.0	PUFAs	% of oil	30.0
DUP digestibility	%	80	Long chain PUFAs	% of oil	0.0
			Lysine	% of CP	4.10
			Methionine	% of CP	1.40
			Cysteine	% of CP	1.60
			Histidine	% of CP	2.00
			Threonine	% of CP	3.10



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