

Maximise Herd Performance



Responsible nutrition delivering reduced costs and improved performance for a sustainable future.



NWF Agriculture is a national supplier of high quality dairy, beef and sheep feeds to UK farmers. Whatever your farming system we can meet your needs for compound feeds, blends and straights.

All our feeds are backed by our extensive technical services to ensure stock perform to their potential. Our sales team provide expert advice and solutions to help farm businesses. We also supply forage additives, grass and forage seeds, calf milk replacers, minerals and a range of specialist feeds.



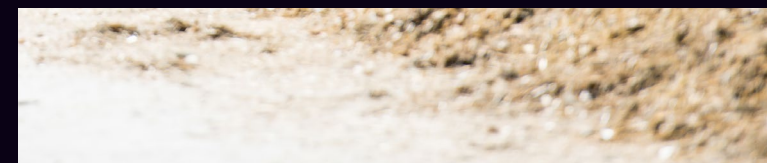
For more information, talk to your
NWF Sales Specialist,
call **0800 756 2787**
or email
sales@nwfagriculture.co.uk

NWF Agriculture Ltd, Wardle, Nantwich, Cheshire, CW5 6AQ
Tel: 01829 261155 Fax: 01829 260061

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NWF Protected Feeds

For all livestock.



NWF Agriculture has been manufacturing unique and high quality protected feeds for over 10 years under the 'Ultra' brand.

The three products consist of Ultra Pro-R (protected rapeseed meal), Ultra-Soy (protected soya) and Ultra Starch-W (protected wheat). Using a protected treatment unique to NWF Agriculture in GB and widely used across Europe and the US and regularly tested to ensure their compliance with health and safety needs are met, the 'Ultra' brand of protected feeds offer a strong and consistent option for maximising performance both physically and financially.

Protected feeds are being used effectively to replace conventional protein and energy sources however feeding rates must be adjusted to ensure a total balanced diet.

At NWF Agriculture the NutriOpt Rationing Programme is used to achieve a balanced diet in terms of protein and energy supply.

NWF customers using NWF Protected Feeds are seeing both nutritional and financial benefits.

By supplying herds with more by-pass protein through Ultra Pro-R and Ultra-Soy, lower levels of overall protein can be fed which offers both animal health and environmental benefits.

"We started using Ultra Pro-R when our previous protein sources were becoming too expensive. It is included in our blend for our 200 pedigree Holsteins and is delivering excellent performance producing milk for Rodda's Creamery."

Mark Rowe, Helston

"To meet the requirements of our milk contract with Davidstow we needed a cost effective easy way of adding protein to the diets. Ultra Pro-R has given us a convenient and economical protein source which we use in our home mix delivering an uplift in milk production and excellent butterfat and protein levels."

Mr Manuell, Cornwall

Why feed NWF protected feeds?

	Ultra-Soy	Ultra Pro-R	Ultra Starch-W
Dry Matter	88-90%	88-90%	85-89%
Crude Protein	46%	44%	1.1%
ME (MJ/kgDM)	13.5%	12.3%	13.6%
Bypass (MPB)	80%	75%	0

Three main reasons.

1 Improved performance – UK diets based on grass silages and home grown cereals tend to be higher in rumen degradable nutrients. By-pass energy and protein is then required to supply the nutrients above and beyond what is capable from rumen bacteria. A lack of by-pass nutrients can often be seen in cows not achieving their peak yields.

2 Rumen available nutrients – grass silages this season have been analysing very well. Oversupplying nutrients to the rumen can create a challenging environment for bacteria, therefore supplying by-pass nutrients is not only more efficient, but essential for rumen health.

3 Environmental responsibilities – feeding excessive protein can be detrimental to both the cows health (due to negative energy balance) and the environment due to higher urea nitrogen levels. Feeding by-pass protein can enable farmers to reach metabolizable protein requirements whilst feeding less overall crude protein and therefore reducing waste and cost.

Ultra-Soy

NWF Ultra-Soy is a high quality vegetable protein which, as a result of precise treatment of extracted soya bean meal, contains a high level of Digestible Undegradable Protein (DUP) (bypass protein) MPE + MPN Trials have shown that it has a valuable role to play in dairy, calf, beef and sheep and goat rations where DUP can be the limiting factor.

It can be used in grazing diets to balance the ERDP of grass, and in winter feeds to reduce overall crude protein levels, and increase protein utilisation efficiency.

Ultra Pro-R

NWF Ultra Pro-R is high-quality vegetable protein which, as a result of precise treatment of rapeseed meal can be used to balance the Rumen Degradable Protein (ERDP) and DUP content of the ration. It has a valuable role to play in dairy, calf, beef and sheep and goat rations where DUP can be the limiting factor.

Ultra Starch-W

Ultra Starch-W is cost-effective source of by-pass starch, a product based on rolled wheat but with a similar level of by-pass starch to maize. This unique feed ingredient increases the supply of by-pass starch, 10% more than untreated wheat.

The rolled wheat is treated to reduce the amount of starch fermented in the rumen. This reduces excess acids and helps more starch reach the hind gut to aid rumen health and milk production.

