

Wynnstay's Range of Feed Products



Compounds & Blended Feeds

who are we?

Wynnstay are a major supplier of animal feeds and supplements for all species of livestock in Wales, the Borders, and the Midland counties extending south to the M4 corridor. Feed sales in excess of 300,000 tonnes of compound and blended feeds are supplied from five locations.

Quality Backed by Research

Feeds are formulated by a highly qualified team of nutritionists who are passionate that their products perform as expected. Close working relationships with major agricultural colleges such as Harper Adams University College, University of Wales and Walford & NS College enable commercial trials to be carried out. This gives our customers confidence that our feeds are backed by research. We can demonstrate a documented, systematic quality assurance programme, which includes UFAS accredited plants. Every load of feed and the source of raw materials used can be traced back if required.

We purchase many home-grown ingredients and as such, remain a large user of locally grown cereals and pulses.

Sales & After Sales Support

A direct, on-farm, sales team combined with 29 retail country stores spread across the trading area allow good availability and support of all feed products. The Wynnstay Feeds sales team ensures all customer needs are met efficiently, from answering queries to account management. Our technical support team has access to the most modern management tools available helping customers manage their business and target high productivity responses from their investment in our feeds.



WYNNSTAY

better equipped to help you meet your goals

Wynnstay feeds are built on proud traditions of superior performance and as we expand into new areas those same values of pride in performance will continue to be the hallmark of the Wynnstay people and products.

Dairy Feeds

Wynnstay's extensive range of dairy feeds and supplements have been designed to meet the requirements of the modern dairy cow.

All feeds and supplements are supported by a team of highly respected sales staff and technical advisors who will work with you to balance or supplement your forages to determine the best feed or blend for your specific herd requirements.

We take the time to inspect your herd and system BEFORE discussing any specific feed recommendations thus enabling performance targets to be met whilst optimizing health, fertility and longevity.

Typical feeding recommendations for Holstein Friesian dairy cows (MilkMaker nuts):

Feeding recommendations (kg/cow/day)

Yield (L/day):	40	35	30	40	35	30
Excellent grazing or winter PMR M + 20	9	6.5	4.5	2	-	-
Good grazing or winter PMR M + 15	11	9	6.5	4.5	2	-
Moderate grazing or winter PMR M + 10	13.5	11	9	6.5	4.5	2
Poor grazing or winter PMR M + 5	15.5	13.5	11	9	6.5	4.5

N.B. a) PMR = partial mixed ration comprising forage/s or forage/s + concentrates
b) Over 8-9kgs/hd/day should be fed in 3 feeds to minimize acidosis

Wynnstay Dairy Cakes

We have an extensive range to suit all systems, performance targets and forages. Based on milk inducing ingredients there is a feed to meet all needs:

1 Energy

- Energy levels from moderate to ultra high density – to suit all yield aspirations
- Energy sources from starch based (wheat; maize meal) to digestible fibre based (sugar beet pulp; toasted soya hulls; citrus) ingredients – to suit a wide range and quality of forages
- The higher end of our ranges also include high oil protected fat for a real energy shot and high C-16 fat to improve butterfats

2 Protein

- Protein levels from 14% to 30%
- High quality protein sources including Soya and Protected Soya

3 Minerals & Vitamins

- Our standard range of dairy cakes contain the unique 'HEALTHCARE' supplement – a high inclusion vitamin/trace element pack containing Albion Copper MAAC for improved fertility; Zinc Methionate for improved hoof and teat quality and Selplex selenium for a better immune status
- High levels of magnesium at critical times of the year
- Optimum levels of macro elements for top performance

Wynnstay Dairy Support Programme

Provided by your local Wynnstay Dairy Specialist, the following services are available to all Wynnstay Dairy customers:

- Full herd and system inspection and appraisal
- Forage analysis (24 hour results service)
- Forage mineral analysis
- FeedPro rationing program (Feed Into Milk)
- Milk & blood analysis and interpretation
- Dairy Costings



Dry Cow Feeds

8 weeks to 3 weeks pre-calving

At drying off, cows should have a body condition score of **3.0 - 3.25**, the goal is to maintain a healthy rumen with a bulky forage ration. Typical ration for dry cows for 8 weeks to 3 weeks before calving:

- Restricted grass silage or grazing
- 3-4 kgs straw
- Free choice dry cow Minpot
- Clean, fresh water

3 weeks pre-calving to calving

The goal in the last 3 weeks before calving is to help reduce disorders around calving and ease the transition to a lactating program. To meet all criteria, a correct amount of energy, protein, vitamins, minerals and forage must be fed. Intake is also important because frequently there is a loss of appetite as calving time nears.

Dry Tec-L nuts

designed to be fed from 3 weeks pre-calving:

Containing high levels of DUP to enable higher milk protein levels in lactation, lactose to encourage good rumen papillae growth and a double Healthcare supplement pack to optimise health and fertility before, at and post-calving. A balanced concentrate to ensure your cows and heifers get the very best start.

Typical diet:

- 25-30kg grass silage
- 2-3kg chopped straw
- 2-3kg Dry Tec-L nuts

Prepare® nuts

designed to be fed from 3 weeks pre-calving where milk fevers are a problem:

Prepare nuts are a semi-DCAB approach to dry cow feeding, enabling higher levels of grass and/or grass silage based diets to be fed with much less risk of milk fevers.

Typical diet:

- 35kg grass silage
- 3kg Prepare nuts

Speak with your Wynnstay Dairy Sales Specialist who will advise on the most appropriate dry cow program for your herd.

Beef Feeds



Whatever type of beef system you have, Wynnstay has the right feeds for you, whether that be suckled calf production, semi-intensive or intensive beef production.

Wynnstay have been long associated with producing quality beef feeds and have many satisfied customers, some of whom regularly win fatstock competitions and top local markets.

Close relationships have been built with many universities and colleges, including Harper Adams University College, University Of Wales at Aberystwyth and Coleg Powys, Newtown where numerous trials have been conducted to develop a number of beef finishing blueprints.

All our beef feeds and supplements are supported by a dedicated team of specialists who have access to the latest beef rationing software, FeedPro Beef - get in touch if you would like a ration formulating for your stock.

Our sales specialists can help you choose the most appropriate Wynnstay beef feed for your system after considering:

- Target daily liveweight gains
- Breed
- Sex

Suckler Feeds:

Country Blend Nuts

18% protein, high quality compound nut.

PrimeBeef™ Range of Beef Compounds + Biosprint®

PrimeBeef™ Elite + Biosprint nuts - 16% protein high quality growing/finishing diet. Capable of DLWG's of 1.5+kgs/hd/day. For semi intensive beef finishing systems

PrimeBeef™ Classic + Biosprint nuts (non-GM) - 16% quality protein. High starch. For intensive beef systems, including bull beef. Includes Healthcare supplement

PrimeBeef™ Premium + Biosprint nuts (non-GM) - For intensive bull beef finishing. Contains Healthcare supplement and buffers to help avoid acidosis. 14% high quality protein, very high starch.

Biosprint is a live yeast which is included in our Prime Beef range of beef feeds. Biosprint has been proven to improve DLWG by 9-11%.

Wynnstay beef cattle rations – example feed rates

- Rations are based on feeding a 500kg Continental x Holstein/Friesian housed in straw bedded yard and barrier fed silage
- Ages are approximate and dependant on system and breed
- Grass silage is assumed to be well made with good intake characteristics @ 25% DM and 14% CP
- Maximum of 2kg compound given in one feed
- Compound feeding rates should be increased by approx 30% for heifers and early maturing breeds
- **Wynnmin Biosprint Beef mineral** should be fed @ 15-20g per 100kg live weight with rations based solely on grass silage



500kg (18-20m) Continental x Steer

Silage ME (MJ/kg DM)	Compound	DLWG (kg)				
		0.5	0.75	1	1.25	1.5+
10	PrimeBeef™ Premium	0.8	1.2	2.4	3.5	ad-lib
	PrimeBeef™ Classic	1.0	1.5	2.9	4.1	n/a*
	PrimeBeef™ Elite	1.2	1.9	3.6	4.8	n/a*
10.5	PrimeBeef™ Premium	0	0	1.9	2.8	ad-lib
	PrimeBeef™ Classic	0	0	2.3	3.5	n/a*
	PrimeBeef™ Elite	0	0	2.9	4.3	n/a*
11	PrimeBeef™ Premium	0	0	1.5	2.6	5.3
	PrimeBeef™ Classic	0	0	1.8	3.0	6.5
	PrimeBeef™ Elite	0	0	2.1	3.6	n/a*

* Growth rates maybe achievable with these feeds but are limited due to DMI restrictions.

Calf Feeds



Wynnstay Feeds has the calf feeds for your rearing system, whether that be a dairy heifer rearing or beef rearing system.

Rearing dairy heifer calves is all about developing the rumen and getting a big framed, well developed heifer calving at

22-25 months of age. Dairy calves never get over a bad start, nor a good one, and in an effort to maximise milk production it must all begin with the replacement heifer calf – even before she is born. With the AdVance™ Dairy Heifer Rearing Program, you're more likely to get big heifers that will calve and milk well year after year.

Colostrum Feeding

The performance of calves on WynnGold™ milk powders will be boosted significantly if they have received adequate quantities of high quality colostrum.

- When a calf is born it has no antibodies to fight disease and is highly vulnerable to infection. Newborn calves need at least 3.5

litres of high quality colostrum within 6 hours of birth - ideally from the first milk.

- Keep a supply of frozen colostrum to defrost and feed in case none is available at the time of birth.
- Consider feeding colostrum for as long as you can, As well as being absorbed into the blood, colostrum antibodies also offer the calf local protection from viruses and bacteria in the gut.

WYNNGOLD™ Calf Milk Powders

The WynnGold™ range of calf milk powders has been formulated to give your high value calves the best possible start in life. Whatever your rearing system and production targets, there's a WynnGold™ product to meet your needs.



WYNNGOLD™ Rich Cream

5 star skim based milk powder for great looking calves

**WYNNGOLD™ Bloom**

maximum lifetime performance from leading whey based milk powder

**WYNNGOLD™ Enerlac**

maximum performance with economy

**WYNNGOLD™ Thrive**

fast, healthy, trouble free growth for calves



The WynnGold™ Rich Cream, Bloom and Thrive milk powders incorporate a unique health package to boost calf vitality. The package includes a bile stimulant - to help the calf absorb more energy from the milk powder and translate it into growth

- and stress-busting levels of vitamin C and E to boost vitality and help prevent white muscle disease.



These milk powders also incorporate a 'mother smell' stimulant to encourage earlier acclimatisation to machine feeding and better early life intakes.

Roughage and Hygiene Guide

Introduce barley straw or good quality hay at 30 days of age and always ensure calves are bedded on clean, dry straw and have access to ad lib clean, fresh water.



Wynnstay are main agents for the supply of Holm & Laue and Volac computerised calf machines - please ask for more details.

Calf Starter Feeds

AdVance™ Calf Starter Feed Range

According to Jud Heinrichs, Professor of Dairy Science at Penn State University and one of the world's leading experts on ruminant nutrition, the most important aspect of getting a well developed rumen, is early intakes of a good quality calf starter.



Calf starter feeding recommendations (all AdVance™ products)

Calves should be introduced to starter feed at 3 days of age. A good tip is to crumble a small amount of feed and place on the calf's tongue after their milk feed - this will encourage calves to the feed and help early intakes. Offer starter feed ad lib but keep fresh. Ensure clean, fresh water is always on offer. Offer free choice barley straw or hay from 30 days of age.

Weaning

Weaning can be a stressful time for the calf and if not carried out properly can set back progress within the rearing program. Criteria for weaning heifer calves are as follows:

- Target weaning age is 6 weeks
- Calves must weigh at least 65 kg prior to weaning
- Calves should be consuming at least 1kg/ calf per day of Super Krunch + AlfAlfa or Start 'n' Wean nuts for 3 consecutive days prior to weaning
- Calves to be weaned are healthy and free of disease

Heifer calves can be weaned in groups of 6-8 animals. The calves grouped together according

to age and size from a few weeks after birth. This is carried out to help minimise stress associated with weaning.

Weaning can either be over a period of 4-5 days whereby the amount of CMR offered is gradually reduced or calves can be weaned abruptly, providing calves are consuming 1kg Start 'n' Wean nuts or Super Krunch + AlfAlfa for 3 consecutive days.

Calves should be kept on the same forage and starter feed over the weaning period. After weaning, calves remain in the same pen for 1-2 weeks. The starter feed continuing to be offered ad libitum until concentrate intakes of around 2 kg per calf per day are achieved. The animals can then be moved on to rearing accommodation.

Rearing the calf (Weaning - 4 months)

Calves at this stage are managed to achieve growth rates approaching 0.7 kg per calf per day. This is achieved by maintaining calves on ad lib forage as well as introducing them at 10-12 weeks of age on to a quality AdVance™ rearing compound (Heifer Rearer 600, Rearer 18, Cattle Rearing). Typical feeding rates are between 1.0-3.5 kg per calf per day depending on the quality of forage on offer. See AdVance™ Rearer Feeds Leaflet for precise feeding recommendations.

Start 'N' Wean Nuts

The market leading, 18% protein, calf starter/creep pellet. Formulated for palatability & performance.



Application

Suitable for all calf rearing systems, where early intakes and high growth rates are required. For feeding from 3 days to 12 weeks of age.

- From 10-12 weeks of age, calves should be gradually switched onto the relevant AdVance™ rearing diet (Heifer Rearer 600, Rearer 18, Cattle Rearing nuts) or beef rearing ration
- Good quality hay or straw should be available from 30 days of age
- Clean, fresh water should be available at all times

Super Krunch + AlfAlfa Mixture

Extremely palatable 18% protein, coarse calf starter.

Application

Suitable for all calf rearing systems, where early intakes and high growth rates are required. For feeding from 3 days to 12 weeks of age.

Grow Krunch Mixture

Palatable 18% protein, coarse calf starter

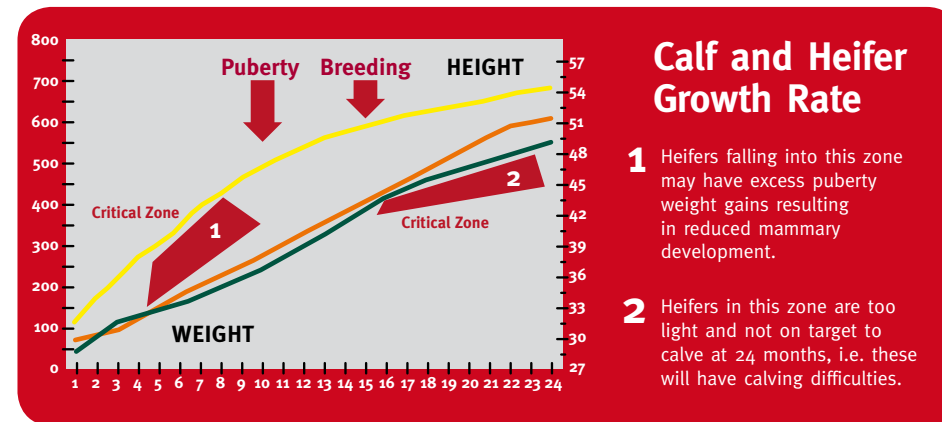
Application

Suitable for all calf rearing systems, where early intakes and high growth rates are required. For feeding from 3 days to 12 weeks of age.

Feeding Guidelines

- Offer ad lib from 3 days of age, ensuring buckets are clean and feed is fed fresh daily. Safe to feed from day 1.
- Calves must be eating a minimum of 1kg/hd/day for 3 consecutive days before weaning
- From 10-12 weeks of age, calves should be gradually switched to rearer nuts.
- Good quality hay or straw should be available from 30 days of age
- Clean, fresh water should be available at all times

Heifer Rearer Feeds



Calf and Heifer Growth Rate

- 1 Heifers falling into this zone may have excess puberty weight gains resulting in reduced mammary development.
- 2 Heifers in this zone are too light and not on target to calve at 24 months, i.e. these will have calving difficulties.

Goals of Heifer Rearing Programme:

1. Heifers reach puberty at approximately 10-11 months of age and weighing 270-295kgs
2. Heifers bred at 14-15 months of age, 50-52" tall at the hip, and weighing 350-400kgs
3. Calving at 24 months of age, weighing 610-630kgs, with a BCS of 3.5
4. Maintain a relatively constant rate of gain of 0.75kg/day from birth up through calving.
5. 2% mortality in heifers from 1 week to 2 yr. of age.
6. Optimise feed costs

28 months to 24 months in a 120 cow dairy herd consisting of 33% heifers would result in annual savings of £7000-£8000!

Background/Economical Information:

- The average costs of rearing heifer are > £1,000 and feed accounts for 60% of the cost from weaning to calving (versus 38% of the cost from birth until weaning).
- Lifetime productivity is maximized when heifers calve at 23-24 months of age, provided they are of adequate size.
- Decreasing the average at first calving from

Weaning to 6 Months of Age (converting from monogastric to ruminant)

- Wean heifers based upon dry feed consumption more so than age (most dairy calves are weaned between 4-8 weeks of age).
- Feed a high quality calf starter
- Once heifers are regularly consuming > 1kg of calf starter per day for 3 consecutive days they can be weaned.
- Be certain to group calves according to body weight/size.
- Do not begin feeding silages until calves are weaned!!

6 Months to Breeding (13-16 months of age)

- Utilise forages as the primary basis of rations during this period. Feed concentrates only in amounts needed to balance the ration for the desired amount of daily gain. Have forages analysed so that quality is known, not estimated.

- Puberty is a function of weight, not age! Expect Holstein heifers to reach puberty when they weigh 270-295kgs
- Excessive energy intake during this period hinders mammary growth!
- Heifers which are over fat deposit excessive fat in their developing udders, resulting in decreased working mammary tissue and ultimately the potential for decreased milk production.

Breeding to Calving (23-25 months of age)

- Continue to maximise forages, feeding only enough concentrate(s) to meet animals' requirements. Usually 0.5-3.5kgs of concentrate/head/day, depending on forage quality.
- No supplemental concentrate may be needed for the majority of this period IF on excellent quality hay, silage, or grazing
- Follow the Wynnstay Dry Tec-L Program in the last 8 weeks before calving

Target weights for replacement heifers

Age (months)	0	4	10	12	15	22	24
Target weight (kg)	45	130	275	325	400	575	600
High merit (Holstein)	45	130	275	325	400	575	600

AdVance™

Heifer Rearer Feeds

Three quality, compound feeds from 16% to 20% protein. A product to suit all systems and stock, be they pedigree or

commercial. Can be fed with any forage or combination of forages. Feed from 10/12 weeks of age through to 8 weeks before calving.

Heifer Rearer 600 nuts + Biotin

Availability: bulk; 500kg totes; 25kg bags

Application: High genetic merit. Straw and/or restricted silage

Rearer 18 nuts + Biosprint

Availability: bulk only

Application: Medium to high genetic merit. Straw or silage

Cattle Rearer 16 nuts + Biosprint

Availability: bulk; tote bags; 25kg bags

Application: Medium to high genetic merit. Silage/hay

Sheep Feeds



4 million lambs are lost in the period just pre-lambing to a few days of age, costing the industry an estimated £120 million per annum, 55% of which are due to poor ewe feeding. The message is very clear – sheep farmers should feed the best possible ewe concentrate pre- and post-lambing to maximize profitability. The lowest cost product will simply not do.

THE COST OF EWE CONCENTRATE FEEDING

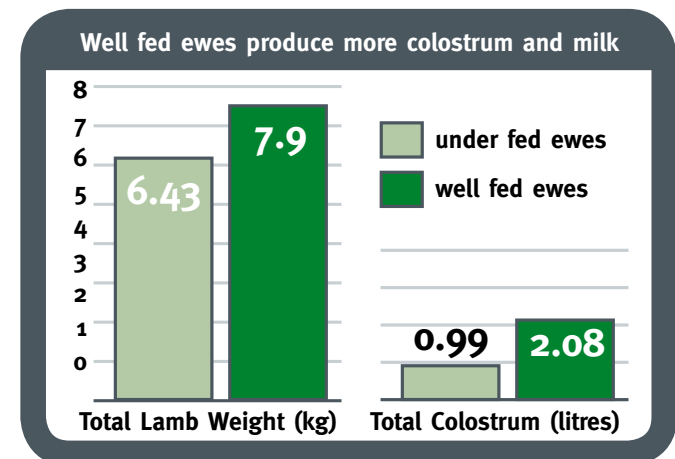
The MLC sheep yearbook shows an average annual concentrate usage of around 50kg per ewe. £20/tonne difference in the cost of concentrates is equivalent to £1.00/ewe. For an additional outlay of only £1.00 per ewe, significant improvements in aspects of health and productivity of ewes and lambs can be expected. These will be seen in the four basic and essential factors of profitable lamb production.

- 2 Strong lambs have more 'get-up-and-go' for better survivability and growth**
 - a Larger lambs at birth have lower mortality and better growth rates
 - b Strong lambs are better able to avoid hypothermia through immediately available body reserves as brown adipose tissue and subsequent ability to shiver
 - c Strong lambs can stand and suckle earlier after birth
- 3 Immediate access to quality colostrum, improving:**
 - a Survival in the face of hypothermia
 - b Immunity to disease passed from the ewe to the lamb
- 4 Plentiful ewe milk supply, to improve lamb growth rate**

All EweMaster® feeds are formulated to achieve these essential targets.

1 Healthy ewes produce healthy lambs

- a. Avoiding pregnancy toxemia due to energy deficiency
- b. Avoid hypocalcaemia due to an imbalance of calcium and magnesium
- c. Well fed ewes produce more colostrum and milk
- d. Ewes need sound feet and udders for optimum lamb rearing



EweMaster[®] Sheep Feed Range

EweMaster[®] feeds are quality, high energy concentrates with a spread of raw materials including a balance of starch and sugars, digestible fibre and fat, enabling healthy rumen function

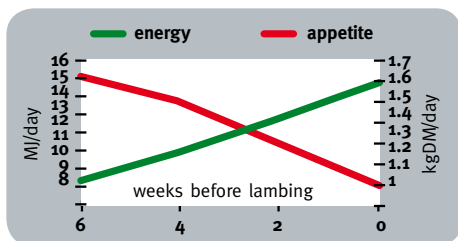
EweMaster[®] feeds contain high levels of protein and use high quality protein sources thus encouraging the ewe to milk off her back to maximise milk production, improving lamb growth.

EweMaster[®] feeds contain optimum levels of magnesium, phosphorus and calcium to avoid Hypocalcaemia

EweMaster[®] feeds contain a unique vitamin & trace element supplement including generous levels of:-

- **Cobalt** – associated with lambs standing and suckling earlier
- **Iodine** - required for the production of active brown adipose tissue which provides energy for shivering (in newborn lambs, 30% of heat generation comes from brown fat)

- **Zinc** - active in immunity against disease and essential in the production of keratin, affecting both udder and foot health
- **Zinc Methionate** – well proven to be more effective than all other sources of zinc
- **Vitamin E (110mg/kg) & Sel-Plex[®] Selenium**



EweMaster[®] Feeding Guide for lowland ewes with twins

		Fed with		
		Straw	Hay	Silage
weeks before lambing	8	0.2	0.1	-
	7	0.4	0.2	0.1
	6	0.6	0.3	0.2
	5	0.6	0.4	0.3
	4	0.8	0.5	0.4
	3	1.0	0.7	0.6
weeks after	2	1.2	0.9	0.8
	1	1.3	1.1	1.0
	1	1.5	1.3	1.2
weeks after	2	1.5	1.3	1.2
	3	1.3	1.1	1.1
Total kg		70	55	50

N.B. Do not feed more than **0.5kgs** at any one feed

Some practical advice

- Group ewes according to expected lambing (single, twins and triplets) and feed accordingly
- Separate younger ewes to ensure even concentrate intake
- Split concentrate feeding. Feed a maximum of 0.5kg/hd/day
- Feed concentrates at regular times
- Ensure adequate trough space to enable all ewes to feed equally
- Ensure troughs are clean before putting in fresh food
- Ensure forage is available before and after concentrate feeding
- Clean, fresh water must always be available

Lamb Milks



Wynngold[™] Lamlac Instant (5kg, 10kg & 25kg bags)

High fat, fully instantised lamb milk powder



Protein	24%
Oil	24%
Fibre	0%
Ash	7%

Wynngold[™] Lamlac Freeflow (25kg bags)

Specifically formulated for feeding through Autofeeders



Full mixing & feeding recommendations are on each bag

Full range of feeding equipment also available:

Ewe-2 Feeder

- Durable heating element
- Thermostatic control
- Sits safely outside the pen
- Rears 20 lambs

Ewe-2 Plus Feeder

- 50 litre capacity
- Rears 40 lambs
- 4 x bayonet units included



Lamb Feeds

The LambMaster range of compound feeds are a truly superb range of lamb diets for all systems from store lamb finishing to intensive early lamb production.

Developed following extensive in-field experience and many University and College

trials these diets are the ones others look up to. All contain a unique blend of high quality raw materials with the added safety of Ammonium Chloride to help prevent urinary calculi and buffers to prevent acidosis. A unique sweetener ensures excellent palatability and a quick uptake by lambs. All LambMaster™ diets contain Non-GM ingredients.

Creep Feeding

The value of creep feeding for early lambing flocks to achieve rapid growth rates to catch the early high priced lamb market is proven. Creep fed lambs will potentially grow more than 3 times faster than non-creep fed lambs.

In wet and cold late springs, some creep feeding will be invaluable for lamb survival. LambMaster™ should be available from 4-5 days of age in a covered creep area.

Intensive Early Lamb Production

Usually for December/January lambing flocks who wish to finish lambs on peak of spring price rise. Lambs are weaned at 6 weeks and remain indoors on pellets until finished

Provide a well lit, clean creep area to encourage lambs to creep feed. Provide dry bedding, good ventilation and fresh water at all times.

Offer LambMaster™ gradually, over a period of 7 days and then ad libitum.

Typical Performance

- DLWG 350-420 g/hd/day
- Finish in 12-14 wks from birth
- FCR 3.5 - 4:1
- Mortality <5%

Store Lamb Finishing - Concentrates

All lamb breeds are used on this system where lambs are finished on a rising price, usually in the New Year.

Aim for 0.75sq.mtr lying area and 0.3mtr trough space/lamb. Allow a maximum of 40 lambs/pen, with dry bedding. Good ventilation and adequate lighting. Provide fresh water at all times. It is advisable to vaccinate for clostridial diseases and pasteurilla before housing.

Gradually introduce LambMaster™ over a period of 7 days, then feed ad lib, ensuring availability at all times.

If lambs are not bedded on straw, 100g/hd/day of hay should be available.

- Typical DLWG of 150-250g/hd/day
- Finish in 10 days to 6 weeks from housing
- FCR 5:1 - 7:1

Store Lamb Finishing – Roots, Forage Crops & Grass

Strip graze to avoid wastage. Provide clean, fresh water at all times and offer a small quantity of hay or straw or offer a grass runback.

- Typical growth rates 400-500gms/hd/day

Always introduce pellets gradually over a period of 7 days.

Beware of pellet feeding with fodder beet as mineral imbalances can occur and lead to nutritional problems – speak with our Technical Department first.

Pig Feeds



Wynnstay have been manufacturing monogastric diets for over 50 years.

Wynnstay have a policy of using high quality raw materials together with specially formulated supplements to ensure our rations will perform to the requirements of today's standards.

Wynnstay have a range of feeds that are cereal based and formulated to a high specification, designed for the modern day pig farmer.

The following rations are available:

- Dry Sow diets
- Lactating diets
- Breeder diets
- Grower feeds 12 -30Kg
- Finisher feeds 30-110Kg

All of the above are available in both meal and pellets, bags or bulk.

Feeding Guide

Product	Age	Weight
Target Range	4 weeks	6 – 7kg
Hyperwean	4 – 7 weeks	6 – 20 kg
Supawean	7 – 10 weeks	20 – 30 kg
Hypergrow	10 – 16 weeks	30 – 60 kg
Hyperlean	16 – 22 weeks	60 – 100 kg

Hyperbreed: Lactating sows

Supabreed: Lactating Sows/Dry Sows

Dry Sow: Dry Sow

Targets

A weaning weight at 4-5 weeks **6-7 kg**
 Average growth rate (weaning - 60kg) **500g/day**
 Average growth rate (30-100 kg) **850g/day**

Tonnage of feed used:

100 sow herd progeny to bacon
450 - 500 tonne per year

100 sow herd progeny to pork
350 - 400 tonne per year

100 sow herd progeny to 30 kilo
250 tonne per year

We have a specialist range of rations for larger units both in breeder diets and grower / fattening diets.

Ring 01691 828512 for more details of our pig, poultry and game feeds



Poultry Feeds

Layer & Rearing Rations:

Over the last five years Wynnstay has increased its market share of the layers section and have a range of rations for both intensive and free range production. We consistently achieve the breeder targets both in egg numbers and weight.

Our aim is to offer a value for money product to suit producer needs.

To meet the retail standard we can heat treat all our rations.

Our layers rations are complimented by a full range of rearing rations which include:

- Baby chick crumbs
- Poultry Growers pellets / mash

Turkey Feeds:

Wynnstay are proud of their reputation in the supply of turkey feeds to an ever growing customer base.

We have year round trade for the catering birds together with the traditional christmas table market.

Our range offers flexibility to Growers/ Breeders and we are able to offer the following rations:

- Breeder
- Starter crumbs
- Starter mini pellet
- Grower No 1
- Grower No 2
- Finisher
- Fast Finisher

Poultry Layers Feed Recommendations

Product	Age	Consumption in period
Baby Chick Mash	0 to 6 weeks	1.5 - 2.0 kg
Growers Mash	6 to 17 weeks	7.5 - 8.5 kg
Fresh Lay Pellets	17 weeks to end of lay	Feed intake will start at 85 g/day increasing to 120 - 130 g/day depending on system.
HE 16% Mash	17 weeks to end of lay	

Example: A laying flock of 1000 birds at 30 weeks will consume 850 – 900 kg a week, 45 tonnes per year in a battery unit and approximately 10% more free range. **We have a specialist range of poultry feeds for large laying units.**

Turkey Feed Recommendations

Product	Age
Turkey Starter Crumbs	0 – 2 weeks
Turkey Starter Mini Pellets	2 – 6 weeks
Grower No. 1	6 – 10 weeks
Grower No. 2	10 – 14 weeks
Turkey Finisher	14 weeks +
Fast Finisher	Only use if recommended

Pheasant Feed Recommendations

Product	Age	Approx Quantity per 1000 Birds
Pheasant Breeder Pellets	4 wks prior to lay	75 kg/day
Pheasant Starter Crumbs	0 - 2 weeks	100 kg/day
Pheasant Mini Pellets	2 - 4 weeks	350 kg/day
Pheasant Grower Pellets	4 - 7 weeks	750 kg/day
Pheasant Poult Pellets	7 + weeks	50 kg/day

The above is only a general guide. Feed intake and quantities will vary depending on breed and target weight required.

Game Feeds

We have experienced considerable growth in Game Feeds and by working with our customers have established ourselves as a supplier of quality feeds for the large shoots and the local farmer with his own small shoot.

Rations available include:

- Breeder
- Starter
- Grower
- Poultry

Protein Concentrates

Many farmers who grow their own cereals want to feed them back to their stock. To ensure a balanced diet is fed, it is important to include protein and minerals & vitamins.

Wynnstay have developed a range of balancers with or without minerals & vitamins to enable a fully balanced concentrate to be mixed on farm.

Protein Booster pellets (Cattle or Sheep)

These are high quality 3mm pellets. Non-mineralised, they can be mixed with cereals and safely fed to dairy cows, dairy youngstock, beef cattle or sheep. Some cereal can be replaced with sugar beet pulp, citrus or soya hulls pellets to add some digestible fibre to the concentrate (especially useful for younger stock). Minerals must then be added to the mix.

Manufactured from high quality protein sources, we have 2 products:

Protein Booster 35 pellets

35% protein

Protein Booster 40 pellets

40% protein

Sheep Concentrates

EweMaster™ 33 pellets

A very high quality 33% protein, fully mineralised sheep balancer concentrate for mixing with home-grown cereals or other low protein concentrates such as sugar beet pulp, citrus pulp or soya bean hulls.

Cattle Concentrates

PrimeBeef™ Concentrate + Biosprint pellets

33% high quality protein, fully mineralised for mixing with home grown cereals. Ideal for feeding alongside grass silage. Can be fed to all beef cattle.

Beef Finisher 33 pellets + urea

33% protein including a small amount of urea which supplies extra rumen degradable protein. More suited to ad lib cereal beef systems or where maize is fed. Not suitable where high levels of grass silage are fed. Can be fed to cattle over 3 months of age. Mineralised.

Optimilk 33 pellets

an extremely high quality 33% protein balancer pellet for mixing with home grown cereals. Suitable for all ages of dairy animals from 3 months of age to milking cows. Mineralised.

Example concentrate mixing rates

Product	16% mix		18% mix		
	Cereal	Balancer	Cereal	Balancer	
Protein Booster 35 pellets	74%	26%	68%	32%	Non mineralised* Non-GM
Protein Booster 40 pellets	80%	20%	74%	26%	Non mineralised* Urea
EweMaster™ 33 pellets	76%	24%	65%	35%	Mineralised
PrimeBeef™ Concentrate + Biosprint® pellets	76%	24%	65%	35%	Mineralised Non-GM
Beef Finisher 33 pellets + urea	76%	24%	65%	35%	Mineralised Urea Non-GM

* add 1 x 25kg bag Wynnmin minerals in each 1 tonne of finished mix

Ruminant Blends & Meals

Through our technologically advanced, UFAS approved manufacturing plants, Wynnstay produce a standard range of blends as well as a customised blending service for the individual producer's needs.

As a Wynnstay customer, you can rest assured that our feeds are supported by the latest nutritional research as well as a committed team of Sales Specialists. These Specialists will help you find the most suitably balanced feeds and supplements for your individual requirements.



We offer custom blends and meals to suit your needs - these can be mineralised, molassed or dry. Ingredients can be mixed as they are or coarsely ground. Heat treated meal versions, which have shown to out-perform traditional blends, are also available. Suitable for all classes of ruminant stock.

Prices are available on a delivered or collected ex mill basis and can be either spot priced or contracted for a period of time, thus taking out any volatility in the market.

Deliveries available in load sizes from 5t to 28t, tipped or blown. Due to the strategic siting of our blending plants we believe we have the lowest number of feed miles in the business and can therefore offer the most competitive haulage rates.

Wynnstay Feeds only use performance inducing ingredients that are wholesome, reliable and consistent. We do not use fillers or binders in any of our diets.

Ingredients Available

Energy

Balancer pellet (with mins)
Barley Rolled
Citrus
High C-16 fats
Fat
Flaked Maize
High Oil Protected Fats

Maize Gluten
Maize Meal
Maize - Whole
Mixed Cereals
Molasses
Oats Whole
Palm Kernel

Toasted Soya Hulls
Sugar Beet Pulp
Wheat Rolled
Wheatfeed
Wheatfeed 6mm

Protein

Distillers
Flaked Beans
Flaked Peas
Linseed Lozenges

Rapeseed Meal
Soya Full Fat
Soya Hipro GM
Protected Soya

Sunflower Pellets
Urea - Feed Grade

Other

Biosprint Live Yeast
Calcined Magnesite
Flakes Mixed
Limestone Flour

Locust Beans
Mineral Pack - Dairy
Mineral Pack - Cattle
Mineral Pack - Sheep

Mineral Pack Int Beef
Mineral Pack - Lamb
Salt
Sodium Bicarbonate

Straights Feeds

Wynnstay supply a wide range of high quality straights and alternative feeds at very competitive prices including:

Cereals and cereal by-products

Wheat, Barley and Oats - whole, rolled or ground, Maize Meal, Whole Maize, Wheatfeed (pellets or meal)

Proteins

GM Soya Bean Meal, Non GM Soya Bean Meal, Rape Meal, Sunflower, Distillers

High Digestible Fibre Products

Sugar Beet Pulp (pellets and shreds), Citrus Pellets, Palm Kernel, Toasted Soya Bean Hulls

Other

Organic Straights - We can offer a range of organic raw materials depending upon availability.

Moist Feeds

Brewers Grains

For further information on any of the products mentioned here, or any other products you may be interested in purchasing, please telephone 01691 828512 and ask for the Trading Department.

Bulk Feed Storage

Wynnstay offer a range of extremely high quality bulk feeds silos, conveyors and livestock feeding systems. Finance can be arranged. For more information contact your nearest Wynnstay Sales Representative or call 01691 828512.





Liquid Feeds

Wynnstay are main agents for Quality Liquid Feeds (QLF) products.

So why choose QLF?

• QLF uses British Beet Molasses

This has 2.5 times the natural protein of imported cane molasses. This results in a higher natural protein element in all QLF's blends and its use supports UK agriculture.

• QLF Timed Release Protein

Releases in the rumen in the same way as soya, thus providing a cost effective alternative to bought in proteins.

• QLF Sucrose and Lactose

QLF uses sugar from both sucrose and lactose and feeding a dual sugar mix can result in increased rumen bacteria and increased rumen efficiency.

• QLF Energizer Products

Use Palm Oil containing 98% C16 & C18 fatty acids. Feeding oil in a liquid increases the palatability of the feed compared to solid oil (flake) which can reduce intakes.

• QLF Vitamins and Minerals

QLF Vitamins & Minerals are specifically formulated to feed the rumen bacteria and maximise their efficiency, increasing performance.

• QLF Custom made products

QLF will manufacture any protein, sugar and oil ration that you require to match your feed requirements. By feeding what you need, feed wastage is minimised and feeding cost reduced. QLF manufactures molasses based liquid feeds on licence from Quality Liquid Feeds in the USA, the largest liquid feed company in the world. Quality Liquid Feeds have undergone 30 years of development in the USA and we are at the forefront of liquid feed technology today.

We can also supply any equipment you may require ranging from 1,000L to 20,000L storage tanks and a variety of lick tanks enabling product to be fed to livestock ad-lib. All of our products are manufactured in our UFAS approved manufacturing plants and we are able to custom make product to suit your particular requirements.



QLF Standard Blends										
	AS FED ANALYSIS					DRY MATTER ANALYSIS				
	Protein %	Sugars %	Lactose %	Oil %	D.M	Protein %	Sugars %	Lactose %	Oil %	VITAMINS & MINERALS
Energizer 36:16	37	28	5	16	71	51	39	7	22	✓
										Mag
Dry Cow 20 + Mag	20	33	1	2	64	31	52	2	3	✓
Super Springmag	8	35	2	2	61	13	57	3	3	✓
Dairy SugR 36	8	38	7	0	60	13	63	11	0	✓
Dairy SugR 41	9	41	4	0	65	14	62	7	0	✓
Organi-Mol	8	41	9	0	60	13	69	14	0	-
HIPRO 40	24	22	2	0	60	40	36	3	0	-
HIPRO 50	30	21	3	0	60	50	35	4	0	-
TMR 40	27	36	5	0	65	41	55	8	0	-
TMR 50	34	34	4	0	67	50	51	6	0	-
TMR 60	41	34	4	0	68	60	50	6	0	-
Allstock 25	12	15	1	0	55	22	28	1	0	-
Allstock 30	12	19	1	0	57	21	33	1	0	-
Allstock 40	12	25	0	0	61	19	41	1	0	-
Superstock 14-68	9	45	5	0	67	14	68	7	0	-
Natural 26	14	26	0	0	60	23	43	0	0	-



Minerals

Wynnmin Premier Range



Premier Dairy

The market leader - for high performance dairy cows and replacements

Feeding Rates:

Dairy Cows 150-200g/hd/day
Replacements 75-125g/hd/day

Premier Pre-Calver

One of the highest specification dry cow minerals on the market - to meet the demands of the high producing pre-calving dairy cow, suckler cow or heifer

Feeding Rates:

Dairy Cows/Heifers 100-150g/hd/day
Suckler Cows 125g/hd/day

Premier Youngstock

High specification mineral specifically designed for all dairy replacements and growing and rearing beef cattle

Feeding Rates:

Youngstock 100-150g/hd/day
Mature Cattle 100-200g/hd/day

Premier Mag

For feeding to dairy/beef cows/cattle in periods of high risk of magnesium deficiency (at turnout or on autumn grass)

Feeding Rates:

Dairy/Suckler Cows 100-200g/hd/day

Premier Phos

For milking cows and replacements where phosphorus is low in the diet, especially on high grass silage diets

Feeding Rates:

Dairy Cows 150-200g/hd/day
Replacements 75-125g/hd/day

Premier Biosprint Beef

BIOSPRINT For up to 11% extra liveweight gain

Feeding Rates:

100-150g/hd/day

Premier Sheep

An extremely high specification mineral for all breeding ewes, especially at tupping and in late pregnancy

Feeding Rates:

Sheep 30-50g/hd/day
Ewes in late pregnancy and early lactation 30-50g/hd/day

NB. For periods with a high risk of staggers an increased feeding rate is recommended. This mineral is not suitable for feeding to rams or intensively fed lambs

Premier Intensive Lamb

An extremely high specification mineral for fattening lambs being fed intensively

Feeding Rates:

Lambs/Rams 30-50g/hd/day

NB. THIS IS AN IN FEED MINERAL AND SHOULD NOT BE FED FREE ACCESS

The amount of any Wynnmin Premier range mineral to include in a home-mix is determined by the feeding level. The normal inclusion level is 25kg (1 bag) per tonne mix. Products in the WYNNMIN PREMIER RANGE have a long shelf life and are dust-proofed to reduce waste. They are easy to use and can be fed either free-access or in-feed (apart from Intensive Lamb which is in-feed only). Only the highest quality major minerals, trace elements and vitamins are used to ensure maximum availability for your stock.

Supplements

A wide range of ruminant supplements are available:

Buffers

Salt licks

Rumen-Buf (Seaweed + Sodium Bicarbonate buffer)

Sodium Bicarbonate (buffer)

Fats

FW Fat Mix 50 Universal
(high energy fat for home mixers)

Protected Fats

C-16 Fats



Fresh cow pick-me-up

Reviva (fresh cow drink)
10kg bucket - 10 cows
20kg bucket - 20 cows

Mineral supplements

Calcined Magnesite (52% magnesium)

Limestone Flour (40% calcium)

Mag Chloride Flakes (12% magnesium)

PDV salt

Rock Salt (free choice buffer) - 18-30kg bags or 1.2t tote bags

Protein supplements

Amino Green 39 (balanced amino acids)

Sopralin (high DUP protein source)

Urea Feed Grade (rumen degradable protein)

Yeasts + Mycotoxin binders

Biobind Safe (mycotoxin binder)

Biosprint Farm Mix (live yeast)



Other

Amino Protek

("turns grass protein into soya protein")

LIFT (liver function improver)

CAB Corrector Meal (helps stop milk fevers)

Caustic Soda (cereal treatment)

Copper Sulphate (foot bathing)

Dri-Li Plus (for cubicle beds)

Hydrated Lime (cubicle & straw beds)

Super Salt (maize silage pits)

Contact us

Customer Services

HQ (Llansantffraid) : **01691 828512**

North Wales : **01766 819066**

Carmarthen : **01267 231341**

Wynnstay Group Plc

Eagle House • Llansantffraid • Powys SY22 6AQ

Telephone: 01691 828512 • Fax: 01691 828690

Email: info@wynnstay.co.uk • www.wynnstay.co.uk

Registered in England and Wales Registration No: 2704051 Vat Reg No. 159 1866 30
Registered Office: Eagle House, Llansantffraid, Powys, SY22 6AQ



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