

Product Data Sheet

Product: Dairy Production Pellets

Product Code: DP03

General Description

Oilseeds Australia's Dairy Production Pellets (DP03) are a quality product used in the dairy sector. These pellets are a nutrient-dense feed that supplies protein, energy & fibre in one ingredient to produce a balanced ration to maximize production & performance, and maintaining the health and well-being of the animal. This is **NOT** a complete feed.

Key Benefits

- Supplying daily requirements of protein & energy for production and animal health
- Highly digestible form of Energy, Fibre, Carbs & Protein
- Completely safe & balanced feed for improving milk production & increasing body weight
- Excellent source of Rumen by-pass protein
- Cost effective
- Highly Palatable
- Easy to handle
- No Urea used

Ingredients

Mix of Canola Meal, Palm Kernel Meal, Wheat, Barley and/or other agricultural by-products to achieve outcomes and parameters noted in the Product Data Sheet. Magrilime is included in this Pellet. This product does not contain restricted animal material.

Applications

The Dairy Production Pellets are suitable for dairy cows in all stages of lactation - complete with amino acids, choline and fats. Follow the feeding protocols attached for best results. This product can be used in all dairy feed systems including bale feeders & TMR. The addition of Cobalt, Iron, Selenium, Magnesium, Manganese, Zinc can be incorporated in the Pellets, for an additional fee. These Pellets provide for maximizing the cow's genetic potential for milk production.

Main Physical & Chemical characteristics at time of Manufacture	Typical Analysis (DM Basis)
Crude Protein	20%
Metabolizable Energy (MJ/kg)	12
Acid Detergent Fibre (ADF)	15%
Neutral Detergent Fibre (NDF)	27%
Moisture	10%

Certification & Claims

While there are no Australian Oilseeds Federation (AOF) standards for this product, Oilseeds Australia ensures its underlying products comply with all AOF standards. However, variations to AOF standards can occur due to location of where the seed/raw materials are sourced and different varieties of seed/raw materials. The purchaser needs to ensure that the product supplied is suitable for their respective needs and seek expert nutritional advice as required.

Storage and Handling

The pellets are easy to handle and can be stored in a silo. Store in clean and dry conditions at ambient temperature, away from vermin. For further information, please contact:

Venkat Suresh (Quality Manager)

Mobile: 0438 222 116 Email: vsuresh@oilseedsaustralia.com.au

DISCLAIMER OF WARRANTIES: The information provided in this Product Data Sheet is believed to be accurate and reliable at the time of publishing. However, this information is provided without any representation or warranty, express or implied, regarding its accuracy or correctness. It is the customer's responsibility to ensure this product is suitable for the needs of the livestock. Independent nutrition advice should be sought. To the extent permitted by law, Oilseeds Australia Pty Ltd and its related bodies corporate exclude liability for any loss or damage or claim regardless of nature or kind related to or arising from any party's action which relied on the information in this Product Data Sheet.

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Authorised by: Pavan Cheema

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Dairy Production Pellets - Feeding Protocols for Dairy Cattle

To gain the maximum benefit from our products it is important that the following Feeding Protocols are adopted:

- Feed must be introduced slowly over a minimum 14-21 days period.
- Start at 200gm/hd for 100kg Calf and 2kg/hd for 500kg Cow. Slowly build up over the induction period. If stock are fussy it may take a little longer (up to 21 days) for the stock to consume the full ration.
- Ad-lib hay/straw must be available to the stock. This should be minimum 20% of total intake. This improves rumen function and is important for reducing acidosis & increases milk fat.
- Availability of clean water is very important and if bore water is being used, you are strongly advised to do regular testing to ensure suitability for stock consumption.
- Pellets and fresh, clean water must be separated. This provides the stock an opportunity to exercise the rumen and prevents them from gorging at the feeder for extended periods of time.
- The addition of buffers/minerals via a dry lick should be made available ad-lib, in particular Calcium/Lime
- Consult your nutritionist about giving a 7in1 & Vitamin A, B12, D & E.
- Any deaths out of the ordinary must be reported to Oilseeds Australia Representatives immediately.

The Table below gives a working example of our preferred Induction Program

Day	Qty of Pellets + ad-lib hay/straw	100kg Calf	500kg Cow
Day 1	Pellets at 0.2%/0.4% bodyweight + ad-lib hay/straw	200gm/hd/day	2.0kg/hd/day
Day 2	Increase by 50gm/500gm + ad-lib hay/straw	250gm/hd/day	2.5kg/hd/day
Day 3	Increase by 50gm/500gm + ad-lib hay/straw	300gm/hd/day	3.0kg/hd/day
Day 4	Increase by 50gm/500gm + ad-lib hay/straw	350gm/hd/day	3.5kg/hd/day
Day 5	Increase by 50gm/500gm + ad-lib hay/straw	400gm/hd/day	4.0kg/hd/day
Day 6	Increase by 50gm/500gm + ad-lib hay/straw	450gm/hd/day	4.5kg/hd/day
Day 7	Increase by 50gm/500gm + ad-lib hay/straw	500gm/hd/day	5.0kg/hd/day
Day 8	Increase by 100gm/500gm + ad-lib hay/straw	600gm/hd/day	5.5kg/hd/day
Day 9	Increase by 100gm/500gm + ad-lib hay/straw	700gm/hd/day	6.0kg/hd/day
Day 10	Increase by 100gm/500gm + ad-lib hay/straw	800gm/hd/day	6.5kg/hd/day
Day 11	Increase by 100gm/500gm + ad-lib hay/straw	900gm/hd/day	7.0kg/hd/day
Day 12	Increase by 100gm/500gm + ad-lib hay/straw	1kg/hd/day	7.5kg/hd/day
Day 13	Increase by 250gm/500gm + ad-lib hay/straw	1.25kg/hd/day	8.0kg/hd/day
Day 14	Increase by 250gm/500gm + ad-lib hay/straw	1.5kg/hd/day	8.5kg/hd/day
Day 15	Increase by 250gm/500gm + ad-lib hay/straw	1.75kg/hd/day	9.0kg/hd/day
Day 16	Increase by 250gm/500gm + ad-lib hay/straw	2kg/hd/day	9.5kg/hd/day
Day 17	Increase by 250gm/500gm + ad-lib hay/straw	2.25kg/hd/day	10.0kg/hd/day
Day 18	Increase by 250gm/500gm + ad-lib hay/straw	2.5kg/hd/day	10.5kg/hd/day
Day 19	Increase by 250gm/500gm + ad-lib hay/straw	2.75kg/hd/day	11.0kg/hd/day
Day 20	Increase by 250gm/500gm + ad-lib hay/straw	3kg/hd/day	11.5kg/hd/day
Day 21	Target ration to be fed + ad-lib hay/straw	3-4% bodyweight	2-3% bodyweight

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