

0800 MR FEED

James & Son is well known for its diverse range of natural, Co-Product stockfeeds. Many livestock farmers use Co-Products from James & Son as succulent nutritious supplements to their grazed pasture.

BACKGROUND James & Son (New Zealand) Pty Ltd was formed in 2003 as an extension to the family owned James & Son (Grain Merchants) Ltd - established in 1850. To this day James & Son continues to maintain close links with the food and beverage processing industries and livestock farmers.

PRODUCT QUALITY By continuous monitoring of the products and close relationships with the farmer clients we advise our various suppliers regarding customer requirements. Our aim is to ensure farmer (and livestock) satisfaction. Ongoing investment and refinement into product storage and handling at the source enables consistent quality. This is coupled with regular nutritional and chemical residue testing of all products.

TRANSPORT Fed by information from our Sales Department and farmer clients, we strive to deliver quality feeds when and where the farmer requires. Our contractors are of the highest standards in terms of safety, reliability and hygiene.

STAFF The team at James & Son are committed and dedicated to satisfying customer needs. Nutritionally qualified and of farming backgrounds, our sales team happily offer technical and practical advice. They are backed up by focused logistics and transport skills and an administrative centre, which together provide the information and products that the farmer requires.



PART OF THE CJA GROUP



0800 MR FEED
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OFFICES IN: UK, AUSTRALIA, ARGENTINA AND NZ

Delivering animal feed expertise since 1850...

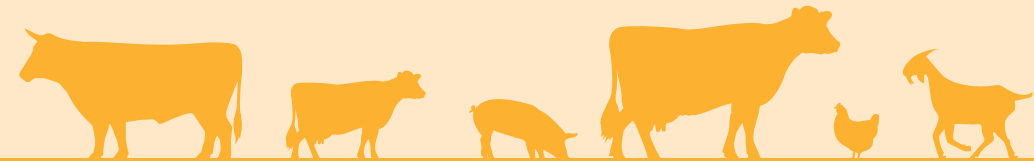


JAMES & SON

(NZ) Pty. Ltd.



- FEED GUIDE -
UPPER NORTH ISLAND



FEED PRODUCT GUIDE

UPPER NORTH ISLAND



FEED	TYPICAL ANALYSIS							PRODUCT ATTRIBUTES
	DM%	ME	CP%	NDF	STARCH	SUGAR	FAT	
J&S GMO & PKE FREE PRODUCTS AVAILABLE								
J&S Custom Blend(s)								Palm Kernel and GMO options available. Customised blend option. This allows the farmer, consultant or nutritionist to produce the perfect blend to suit your farm needs. Add minerals per requirements.
J&S Hipro Energy	89.6	13.1	16.2	26.1	33.6	5.9	8.29	GMO & PKE Free! Great value and effective use of products that create a high energy, starch and protein feed. Customising with PKE, more energy, starch, protein or minerals available.
J&S Hipro Gold - Blend or Pellets	90	12.5-min	18-20	28.5	27-33	12	4.8	Loose blend or Pellet option. Palatable, high performance blend specifically developed PKE and GMO Free. Dairy Goat and Cow minerals available. Suitable for the bunker or direct into the silo. Protein can be adjusted seasonally.
Sweet Calf Meal	88	13	17	23.6	26.6	9.5	3.9	A high quality loose meal specially formulated with grains, protein meals and J&S Cookie Crumble. The perfect way to jumpstart your calves and kids for the future. Vitamins, minerals and coccidiostat added.
Sweet Calf Premium	88	13.1	16	16.3	40	7.8	3.3	A high quality pellet specially formulated with grains, protein meals and J&S Cookie Crumble. The perfect way to give your calves the jumpstart they need for the future. Vitamins, minerals and coccidiostat added.
Sweet Calf Finisher	88	12.9	20	16.3	38	7.7	3.2	A high quality pellet specially formulated with grains, protein meals and J&S Cookie Crumble. The perfect way to give your calves the jumpstart they need for the future. Vitamins, minerals and coccidiostat added.
Sweet Kid Premium	88	12.9	20	16.3	38	7.7	3.2	A high quality pellet specially formulated with grains, protein meals and J&S Cookie Crumble. The perfect way to give your kids the jumpstart they need for the future. Vitamins, minerals and coccidiostat added.
J&S Triple X - Mineral Pellet(s)	90.7	7.8	9.7	25	24.4	5	4.9	Mag, Lime, Salt also Zinc available seasonally in a pellet! Add feed value with your minerals, stop bridging in the silo. Save time, money and labour required administering minerals in other forms. In silos or bulk deliveries.
J&S AMP (Multi) Pellet	90.7	12.3	14.5	29.3	30	1	3.1	This all round pellet combines strenghts in all cateogries. High in energy, low NDF, with good levels of protein compared to straight grain. The pellet gives the added benefit of increased flowability in silo blends.
J&S Cookie Crumble	95.6	17.4	7.9	2.6	45-55	23.2	15.6	J&S Cookie Crumble is a loose meal from biscuits. It has a very high energy level and is highly palatable and perfect as part of a blend. It is also highly digestable due the cooking process it has undergone.
J&S Oil	99	35.6					98-Oil	Extremely high in energy. Palatable and digestable. Suitable as part of a blend or inclusion into a Total Mixed Rations.
Hominy	86.4	14	10.4	18.8	49.2	4.4	8.1	Hominy aids palatability, has good hydration properties and is a good carbohydrate source of energy plus GMO Free.
Avon	91	12.5	19	37	15	4.3	3.8	Good levels of energy, protein and starch, palatable and digestable. Suitable as part of a blend or inclusion into a Total Mixed Rations.
Broll/Wheat Bran	88.3	11.5	16.9	39.1	19	7.3	4.1	Proteins, minerals, oil and fibre are mainly found in the outer layer of grain which make wheat bran the perfect inclusion to grain based diets. It also has the added benefit of removing any bitter taste of mineral inclusions.
Brewers Grain	23	11.5	24	49	6	3.2	7	Succulent feed rich in protein with good energy levels. Suitable for supplementary feeding or for inclusion into Total Mixed Rations for Dairy Cattle/Goats, beef cattle and sheep.

OTHER PRODUCTS AVAILABLE

Tapioca	88	12.8	5	20	50	1.5	1	High energy starch product. Delivered on its own in bulk or part of a blended meal.
Milled Maize	87	13.5	9.4	15	63	21	3.8	Maize grain is palatable and suitable for all livestock, it is the most valuable energy source among cereals, with a starch content of 63%.
Palm Kernel*	90	11	14	70	5			Appreciable levels of both protein and energy, with moderate levels of oil content resulting in an all round balanced dietary component. Available in bulk.
Soya Bean Hulls*	90	11	11.5	60	1.4			Highly digestable fibre source.
Soya Bean Meal*	90	12.5	52.2	12	1.6	10	1.6	Extremely palatable, high protein feed with an excellent level of by-pass protein assisting hind gut fermentation. Available in bulk
Canola (also GMO Free)	90	11.5	38	30	1.4	9.6	5.8	Highly digestible high quality protein source with excellent levels of by-pass proteins. Available in bulk.
Corn Dried Distillers Grain*	86.2	13	30	32.9	4.4	6.5	8.8	It is an excellent source of digestible protein and energy for cattle that is rich in cereal and residual yeast protein, mineral and vitamins.
Cotton Seed Meal*	89.9	12.1	52	27.1	0.5	6	2.7	Cotton seed meal has very high levels of by-pass protein, excellent digestible fibre and good energy levels.

LIQUID FEEDS

Corn Steep Liquor	42.8	14	42	1	1.7	An excellent alternative to mollasses. CSL is a liquid protein and energy supplement with a better viscosity when compared to molasses. Can be blended with forage or included in Total Mixed Rations.				
Brewers Yeast	16-20	12.5	15-44	30	1	Highly digestable, protein rich concentrate. Along with the energy content, the amino acids and trace mineral balances of brewers yeast have also been considered extremely beneficial to dairy animals.				
Molasses	74	11.6	8.2			64	Molasses has excellent palatability and exibility of use. The sugars in molasses are broken down quickly and extensively by the rumen microbes. This rapid release makes molasses very useful for balancing diets.			

**May contain Palm Kernel and/or GMO products: All Values expressed on dry matter basis. All information is presented in good faith and to the best of our knowledge and resources, however variation in vlaues and the outcome of feeding this product may occur. See “Product Quality” on the back of this brochure.*