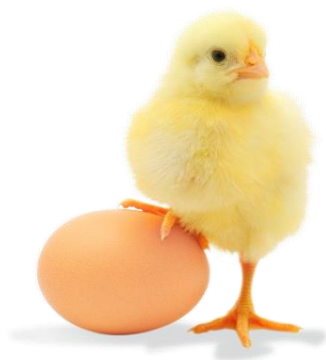


We care for the little ones

FMR Ω3 in rearing pullet diets

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Joosten – young animal nutrition is continuously testing their products and looking for opportunities to improve their products, in terms of quality as well as applicability. Animal trials are a useful way to test products, but also questionnaires may be used to collect relevant information in order to improve a product. Joosten therefore recently sent out - together with their distributor - a questionnaire to users of FMR Ω3 in Peru. This contributed to a better understanding of the application, the possible need for adjustments and an increased awareness of the advantages of FMR Ω3 in poultry diets.

FMR Ω3 is a 100% vegetable and processed protein source being highly digestible, with the inclusion of Ω3 fatty acids from stabilized salmon oil. Therefore FMR Ω3 is particularly suitable for a sustainable and safe solution to replace animal protein like fishmeal. FMR Ω3 is used and recognized by feed producing companies all over the world for its nutrient stability and feed safety standards. Additional FMR Ω3 contains high levels of glutamine; an amino acid essential in young animals and delivers a direct positive effect on villi development and gut health. The high levels of glutamine, amino acids and Ω3 fatty acids together with its superior protein digestibility makes FMR Ω3 extremely suitable for young animal nutrition.

Peru is a big market for poultry. The pro capita consumption of poultry meat is 40 kg and 11 kg for eggs. To feed the 35 million inhabitants with the popular Pollo a la Brasa (roasted chicken) the country produces 750 million broilers per year. Whereas the necessary volume of eggs are provided by 24 million layers.

Due to the design of FMR Ω3 for poultry diets, especially in the first weeks of life, the questionnaire was sent to farms which rear pullets.

The outcome of this questionnaire is that the users are very satisfied applying FMR Ω3 in their diets. FMR Ω3 is used as a replacer for fishmeal, animal byproducts and soyabean meal. The inclusion of the FMR Ω3 in the diets varied between 3 to 5% between the different farms. Common layer breeds were Lohmann Brown and Novogen Brown. Farms reported improved growth, higher feed intake, better digestibility, higher uniformity and less wet litter. One farm shared their full results which clearly shows the advantages of the use of FMR Ω3 in rearing pullet diets.

Tabel 1. Data rearing pullets NOVOGEN BROWN till 5 weeks of age.

Date	# Animals	Mortality %	Total feed intake (g)	Total growth (g)	Body weight at 5 weeks of age (g)	
22-8-2023	20.000	1.06	882.1	323.0	361	3% FMR Ω 3
29-8-2023	20.000	0.99	875.8	300.0	338	3% FMR Ω 3
5-9-2023	16.500	0.80	813.4	281.5	319	3% FMR Ω 3
Average		0.95	857	302	339	
11-4-2023	24.000	0.96	743.3	288.5	326	No FMR Ω 3
22-4-2023	26.000	0.89	724.2	256.2	294	No FMR Ω 3
Average		0.93	734	272	310	



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FMR Ω 3 is especially designed for young animal nutrition. It contains a high level of glutamine and Ω 3 fatty acids which have a positive effect on the development of the immature gut of young animals. Another important aspect for young poultry is digestibility. Digestibility of the protein should be high (like with FMR Ω 3) to avoid problems with wet litter and to achieve the targets for growth and feed conversion.

Several quotes from farmers:

“It is a good product and is used in the start-up stage”

“With FMR I have achieved better weights and better uniformity.”

“Body weight in the first week, above 80 grams”

Please contact your local distributor or us at info@joosten.nl if you would like to have more information about the advantages of FMR Ω 3 in pullet diets.

