



High Quality Protein + Fat **NUTRI-DELICIOUS**

High-nutrient feed with protein and fat content of over 40%
Can be used as a substitute for conventional protein sources.



Cost reduction in feed production
Provide high protein and high-fat content

Three main features of Nutri-Delicious



01

High Quality High Protein High Fat

02

By-products during food processing

03

Guaranteed safety and consistent quality

'Nutri-Delicious' Product Image

Nutri-Delicious

'Nutri-Delicious' is a high-protein, high-fat nutritional feed produced by using a Korean government-certified feed material generated during human food processing as the main ingredient to enhance the convenience for farmers' use and facilitate the distribution process in South Korea.

South Korea, where 'Nutri-Delicious' is produced, has the strictest waste separation, recycling, and upcycling practices in the world. In South Korea, all leftover food is meticulously separated and managed by specialized processing facilities. Continuous research and industrial efforts have been made to utilise leftover food as feed ingredients for livestock, contributing to more sustainable practices.

As a result, high-quality, highly nutritious feed 'Nutri-Delicious,' was developed to rigorously remove all potentially harmful ingredients from leftover food while maintaining the excellence of human-consumable food-a balanced mix of high protein, fat, and nutrients. The ISO Certification, Certificate of Free Sales, and Health Certificate obtained for 'Nutri-Delicious' demonstrate that the South Korean government has officially certified and acknowledged the upcycling of leftover food into clean, safe, and nutritionally superior feed.

"'Nutri-Delicious' delivers high protein and fat content at a lower cost by partially replacing expensive ingredients that often pose challenges due to high prices and unpredictable supply conditions."

As a result, 'Nutri-Delicious' offers absolute satisfaction to both farmers and feed companies.

For livestock farms

- High protein, high fat
→ Facilitates healthy growth of animals
- Price stability
→ Improves livestock productivity, reduces feed costs

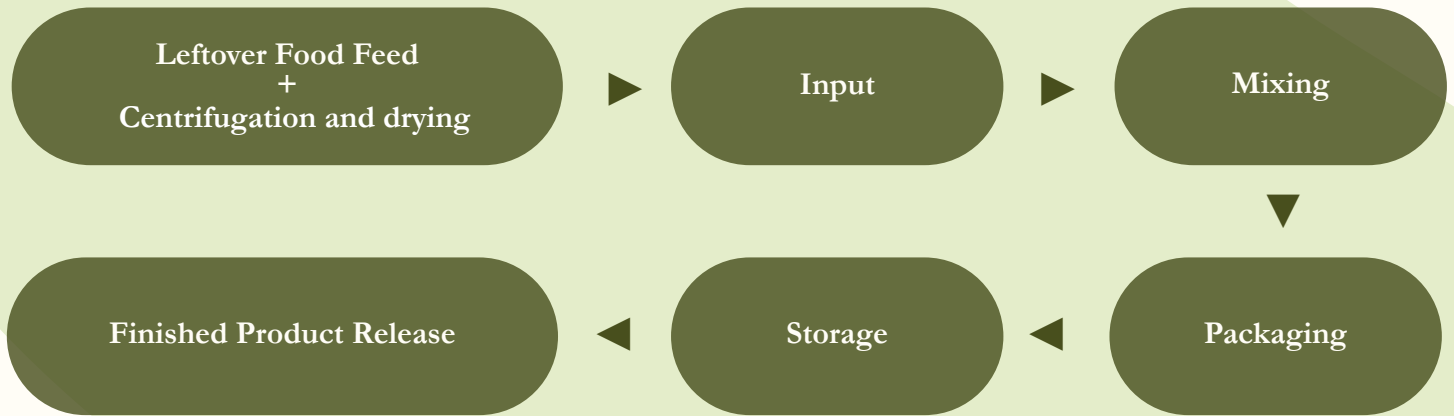
For feed companies

- Perfect quality assurance
→ Stable quality of mixed feed
- Stable prices
→ Substitution of imported raw materials

Cost reduction in feed production Provide high protein and high-fat content

Process of ‘Nutri-delicious’

[Manufacturing Process]



a) Preparation of leftover food feed

Collect leftover food consumed by humans, remove impurities, remove moisture by centrifugation, dry at a high-temperature. This process produces brown dried powder (see photo).

b) Centrifugation and drying

Extract alcohol from the raw material, then go through clarification, centrifugation, and high-temperature drying. This process produces dried granules (see photo).

c) Grinding

Input materials from a) and b) into a grinder, such as a hammer mill, and grind into uniform particle shapes and sizes.

d) Clarification

Three-stage clarification process to prevent and exclude the influx of foreign substances, metals, and harmful materials.

e) Mixing

Mix the two processed materials using a precision mixer.

f) Packaging

Various packaging options are available upon customer requests - 20kg bag or jumbo bag.

Cost reduction in feed production Provide high protein and high-fat content

Advantages of ‘Nutri-delicious’

'Nutri-Delicious' is a high-protein, high-fat, and revolutionary feed made from excellent materials that are safe for animals to ingest that underwent rigorous processes such as precise clarification, drying, and grinding after being separated from carefully selected leftover food that humans consume.

'Nutri-Delicious' uses food waste as raw material, maintaining the product's crude protein level at 24-28% and crude fat level at 12-15%. Compared to conventional feed ingredients with either high crude protein or high crude fat, 'Nutri-Delicious' exhibits a significantly superior protein/fat ratio, providing animals with a balanced diet. This not only ensures healthy growth of livestock but also drastically reduces production costs for feed companies and livestock farms.

'Nutri-Delicious' is manufactured at a large ISO-certified facility and has obtained the South Korean government's Certificate of Free Sales, and Health Certificate. To guarantee consistent and safe quality, it under- goes more than three Quality Checks before reaching consumers. Potential hazards such as heavy metals, mycotoxins, and disease-causing substances are rigorously controlled.

As 'Nutri-Delicious' is made from human-grade food waste, it has several advantages:

- Ensures a steady supply throughout the year as food consumption remains consistent.
- Shows minimal sensitivity to international feed ingredient prices, resulting in significantly less price volatility.
- Maintains high-protein, high-fat content while keeping the cost low, making it widely applicable.

Cost reduction in feed production Provide high protein and high-fat content

How to use ‘Nutri-delicious’

For livestock farms

- 5 to 10% of mixed feed

For feed companies

- Replace 5-15% with conventional protein sources

Registration of ingredients and packaging for ‘Nutri-delicious’

Type	Form	Name	Packaging
Single ingredient feed / Mixed single-ingredient feed	Dried powder	Nutri-delicious	Upon customers’ request- 20kg and jumbo bag,

	Cruded Fat	Crude Protein	Moisture	Crude Fibre	Crude Ash	Salt
Min./Max.	> 5%	> 10.0%	< 14.0%	< 30%	< 22%	< 2.9%
Test Result	13.87	27.03	4.63	8.87	14.64	2.05

Packed in 20kg or jumbo bag, and then loaded into containers. The packaging condition is as shown in the image below.



▶ <’Nutri-Delicious’ Packaging>

<’Nutri-Delicious’ ’ Loaded Container>

