



CROPENTA

PRODUCT SHEET

LECITHIN-LIPID BLEND CLASSIC | GMO

Liquid lipid energy + naturally occurring phospholipids

WHAT IS IT?

A liquid complementary feed made from crude soybean lecithin and vegetable acid oil. The vegetable lipid fraction supplies dietary energy and fatty acids, while lecithin contributes naturally emulsifying phospholipids.

A readily processable, pumpable blend designed as a practical alternative to handling conventional thick lecithin.

NUTRITIONAL & FORMULATION BENEFITS

01

DIETARY ENERGY

Vegetable lipids contribute to the energy density of the complete feed.

02

NATURAL PHOSPHOLIPIDS

Lecithin supplies emulsifying phospholipids involved in lipid processing and transport. Improved fat digestibility is not guaranteed across species or fat sources.

03

ESSENTIAL FATTY ACIDS

Linoleic acid (C18:2) typically accounts for 50–54% of the specified fatty acid profile.

04

ADDITIONAL NUTRIENTS

Supplies choline (18,500 mg/kg), inositol (16,700 mg/kg), ethanolamine (7,200 mg/kg), phosphorus (1.3%) and alpha-tocopherol (260 mg/kg).

CAN IT REPLACE SOYBEAN OIL?

It can partially or fully replace added soybean oil or other vegetable oils when the complete feed is reformulated to meet its nutritional requirements. Replacement is not automatically 1:1: validated energy values for this specific blend are not available.

Published broiler research on soybean lecithin indicates that partial replacement can be feasible in certain growth phases; outcomes depend on age, inclusion level and fat source. These findings are not product-specific performance guarantees.

APPLICATION & HANDLING

For poultry, pigs, ruminants and aquaculture. Pumpable liquid blend; inclusion depends on complete-feed formulation.



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TECHNICAL SPECIFICATION

Lecithin-Lipid Blend Classic | GMO

ANALYTICAL VALUES

FFA (as oleic, mm 282)	Typical 22-30%
Moisture & impurities	Max. 2%
Acetone insoluble	Typical 50%
Unsaponifiable matter	Typical 1.5%
Peroxide value	Max. 5 meq/kg
Slip melting point	Typical < 5 °C

NUTRITIONAL DATA

Choline	18,500 mg/kg
Inositol	16,700 mg/kg
Ethanolamine	7,200 mg/kg
Phosphorus	1.3%
Digestible phosphorus	1.27%
Alpha-tocopherol (Vit. E)	260 mg/kg

FATTY ACID PROFILE

C14 and shorter	0-1%
C16:0	14-17%
C16:1	0-1%
C18:0	3-6%
C18:1	18-21%
C18:2	50-54%
C18:3	5-7%
C20 and longer	0-2%

COMPOSITION & HANDLING

Crude soybean lecithin (Feed Catalogue 2.21.1) and vegetable acid oil (13.6.1), of purely vegetable origin.

Processing

Advised: 50-55 °C

Storage

50-60 °C in a heated tank.

Avoid exceeding 60 °C.

QUALITY & LABELLING

Available under GMP+ FSA certification, depending on contractual terms.

GMO labelling required according to Regulations (EC) 1829/2003 and 1830/2003.

Specification version 11, February 2025. Typical values are indicative.

FORMULATION NOTE

Oil substitution is not necessarily 1:1: verify dietary energy, fatty acids and species needs.