



## PATENTED. POWERFUL. PROVEN.

LinPRO for Swine is a unique blend of flax and pulses extruded under controlled temperature and pressure in our patented dry extrusion process. The resulting product provides outstanding nutrition and health benefits to the animal, significantly improving overall performance.

LinPRO is an excellent source of lignin and Omega-3 fatty acids, known for their positive effects on heart health, the immune system and in fighting tumors.

### THE ADDED VALUE OF LinPRO FOR SWINE

- LinPRO is a quality source of energy and amino acids which promote optimal growth and reproduction
- The high oil content of flax provides a readily available source of Omega-3 energy
- Pulses supply an optimal level of readily available protein, and are an additional source of quality energy
- The amino acids in LinPRO are highly digestible and the nutrient profile matches the requirements of top producing hogs
- LinPRO Diets:
  - Alleviate heat stress
  - Improve feed conversion
  - Increase auto-immune function
  - Improve fertility
  - Promote better overall health

### ENHANCES SOW PERFORMANCE

Feeding LinPRO to sows enhances sow performance and improves the survivability of piglets.

#### PERFORMANCE MONITOR

Pig Champ Data	Conventional	LinPRO
Repeat service, %	9.0	7.4
Multiple matings, %	82.8	84.0
Weaning to first service interval, days	6.5	6.2
Average pigs born alive/litter	9.7	10.0
Stillborn pigs, %	6.8	5.7
Sow death rate, %	7.5	5.2

Source : Riverbend Farms.

Our dry extrusion process enhances starch gelatinization and deactivates anti-nutritional factors. LinPRO can optimize feeding programs for Omega-3 enriched pork by providing a highly digestible source of Omega-3 fatty acids.

### ALA CONTENT OF PIGS FED LinPRO

	Fresh Pork Loin		Bacon		Ham	
	Control	LinPRO	Control	LinPRO	Control	LinPRO
Fat Content, %*	2.12	2.26	27.21	31.05	22.49	32.57
ALA (n-3), % +	0.78	2.74	0.85	1.92	0.72	1.79
Stearic Acid (SFA), % +	15.55	12.58	13.29	12.99	11.40	10.83
Linoleic (n-6), % +	9.37	7.60	8.14	6.51	7.65	6.70

\*% as is + % on 100g Oil

Source: Preliminary Report: An evaluation of LinPro under commercial conditions for Oleet Processing Ltd. Robert M. McKay, Swine Research & Development Corporation

Feeding LinPRO to swine increased linolenic acid in the back fat of pigs by 1300%. This could provide significant health benefits to pork consumers by altering fat to a healthier composition.

Over half of the oil in flax is essential Omega-3 fatty acids, which have been shown to protect against hypertension, stress, and inflammatory and immune system disorders.

### THE LinPRO ADVANTAGE

LinPRO is an acceptable alternative to soybean meal as a protein supplement for use in growing-finishing swine diets, when included at the appropriate levels:

#### LinPRO RECOMMENDED INCLUSION RATES

Dry Sows	Max. 4% of diet
Lactating Sows	Max. 6% of diet
Breeding Sows	Max. 6% of diet
Nursery, Grower and Finisher Pigs	Max. 15% of diet

Contact your distributor for appropriate use on your farm.

### EASIER, MORE COST EFFECTIVE HANDLING

LinPRO supplies energy in a dry, flowable form, which eliminates the challenges of both handling and grinding flax.

Not only does it eliminate the costs of specialized handling, it greatly reduces the challenge of feed flow problems in colder temperatures.



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