



## Sugar Beet Pulp Pellets

**Overview:** By-product of sugar extraction from sugar beets, commonly used as a high-fiber feed ingredient. Rich in digestible fiber (pectin), low in protein, and an excellent source of fermentable energy for ruminants.

**Processing:**

- Sugar beets are processed to extract sugar.
- The leftover pulp is dried and compressed into pellets to enhance storage and handling.

**Applications:**

- Used in ruminant diets (cattle, sheep) to promote rumen health and provide slow-release energy.
- Safe for horses as a low-starch, high-fiber supplement.
- Limited use in monogastric animals due to low protein content.

**Customization:**

Shelf life 12 months, subject to storage conditions. Store at ambient temperature not higher than 25°C and relative air humidity not higher than 70%. Keep with sealed original packaging in dry cool place protected from direct sunlight.

Packaging options include **1 tonne tote bags**, or 25 and 50 kg bags.

Content	Range	Typical Analysis
Moisture	10-15%	13%
Crude Protein	7-11%	7%
Crude Fat	0,5-1,5%	1%
Ash (Minerals)	4-8%	4%
Digestible Energy	12-13MJ/kg	12MJ/kg
Metabolizable Energy	9-11MJ/kg(ruminants)	10MJ/kg
Fiber content	23-30%	23%
Nutritional Profile		
Calcium	0.7–1.2%	
Phosphorus	0.1–0.2%	
Magnesium	0.2–0.4%	
Potassium	0.5–1.0%	
Sodium	0.1–0.2%	
Salt (as NaCl)	<0.5% (unless supplemented)	
Crude Protein	8–11%	
Crude Fiber	18–25%	
Moisture	8–12%	
Ether Extract (Fat)	0.5–1.5%	
Total Ash	5–8%	
Amino Acids		
Lysine	0.2–0.3%	
Methionine	0.1–0.2%	
Cystine	0.1–0.15%	
Threonine	0.2–0.3%	
Phenylalanine	0.3–0.4%	
Tryptophan	0.05–0.08%	
Arginine	0.2–0.3%	
Histidine	0.1–0.2%	
Leucine	0.5–0.7%	
Iso-Leucine	0.2–0.3%	
Valine	~0.3%	
Glycine	~0.2–0.3%	
Tyrosine	~0.2–0.25%	
Trace Minerals		
Iron	50–200 mg/kg	
Copper	5–10 mg/kg	
Zinc	50–100 mg/kg	
Manganese	30–50 mg/kg	
Selenium	0.1–0.3 mg/kg	
Vitamins		
Vitamin A	None (unless supplemented)	
Vitamin E	Trace levels	
B-Complex Vitamins	Trace amounts (Niacin, Riboflavin, etc.)	