

CORN

Information, Characteristics, and Packaging

Brazilian Yellow Maize Export Standard | NCM 1005.90.90

1. Product Identification

- **Commercial names:** Maize, Maize Grain, Maize Kernels, Corn, Corn Grain, Corn Kernels, Zea Mays
- **Type:** Genetically Modified (GMO)
- **Form:** Raw, Whole Grains
- **Classification:** Export Grade

2. General Description

- **Origin:** Brazil
- **Applications:** Brazilian yellow maize is widely used in dry and wet milling, starch and ethanol/biofuel production, corn oil extraction, human consumption, and animal feed manufacturing.

3. Physicochemical Properties (Property, Limit and Method)

- **Moisture:** Max. 14%, Method ISO 6540
- **Total Aflatoxin (B1+B2+G1+G2):** Max. 20 PPM (HPLC), Method ISO 17025
- **Hectoliter Weight:** Min. 72 kg/hL
- **Foreign Matter and Impurities:** Max. 1.5%
- **Damaged Kernels:** Max. 5%
 - Of which:
 - Heat Damaged and/or Germinating: Max. 1%
- **Broken, Cracked or Dented Kernels:** Max. 3%
- **Insects:** Free of insects
- **Treated Seeds:** Free of treated seeds
- **Toxic Species:** Free of toxic species

4. Grain Processing

- Pre-cleaning:** Removes dust, straw, stones, and foreign matter.
- Drying (if necessary):** Reduces moisture content to safe storage levels.
- Post-cleaning:** Final refinement through sieving and aspiration.
- Gravity table (when required):** Ensures uniform separation by weight.

5. Storage, Shelf Life and Transportation

- **Storage:** Store in clean, dry, ventilated, and covered bulk areas, protected from pests, contamination, sunlight, and rain.
- **Shelf life:** 2 years from the date of harvest or packing.
- **Transportation:** Transport in a well-maintained, clean, organized truck, free of pests and disease vectors, and covered with a tarp.

6. Certifications and Compliance

Certifications:

- Origin (CO)
- Inspection (CI)
- Quality (QC)
- Weight (WC)
- Fumigation (FC)
- Phytosanitary (PC)

Standards:

- Compliant with GAFTA, FOSFA and ANEC Export Standards
- Full traceability guaranteed



Packaging/Shipping Options

a) Bulk (Loose or Liners)



b) FIBC with Bottom Discharge



c) PP Woven Sacks



Note: Packaging options, including Bulk (Loose or Liners), FIBC with Bottom Discharge valve (500–1,000 kg), and PP Woven Sacks (25–50 kg), fully comply with international quality and safety standards. All formats are selected based on specific client needs and destination market regulations, ensuring product integrity during global transport. Any non-compliant packaging must be formally discussed and agreed upon separately to ensure logistical compliance. Illustrative images.

Important: If the information provided about this product is not sufficient for your evaluation, please do not hesitate to contact us for additional data at exec@bomm.com.br