



PRODUCT OVERVIEW

Golden & Red Onions

Egyptian-origin produce prepared against a confirmed buyer specification for international trade. Availability, grade, pack, treatment, and shipment protocol are reconfirmed with every quotation.

Commercial specification

VARIETIES	Golden/yellow and red onion varieties according to season
INDICATIVE EXPORT SEASON	March - October
AVAILABLE GRADES	Extra, Class I, Class II, or buyer-specific export grade. The agreed specification covers diameter, firmness, dry neck, skin, sprouting, defects, tolerances, and colour.
COMMERCIAL SIZES	- 40-60 mm - 50-70 mm - 60-80 mm - 70-90 mm - 90 mm+
PACKING FORMATS	- 5 kg mesh bag or carton - 10 kg mesh bag - 20 kg mesh bag - 25 kg mesh bag

Storage and expected postharvest potential

TEMPERATURE	RELATIVE HUMIDITY	EXPECTED POSTHARVEST POTENTIAL
0-1 C for long storage; route-specific warmer programs may be agreed	65-70% RH with adequate circulation; avoid condensation	About 0.5-1 month for mild onions and up to 6-9 months for pungent storage cultivars at ideal conditions; export potential depends on curing.

Important: These figures are planning guidance, not a shelf-life warranty. Final settings must reflect cultivar, maturity, crop condition, pack, route, transit time, carrier equipment, buyer program, and destination rules.

Confirm before contracting

- Exact crop, variety, grade, tolerance, maturity, and size
- Pack type, net weight, carton dimensions, label, and traceability
- Pallet base, stacking, gross weight, ventilation, and load pattern
- Temperature, humidity, atmosphere, treatment, and data loggers
- Port, route, transit time, Incoterm, inspection, and documents

- Import permit and commodity eligibility for the destination
- Phytosanitary, origin, analysis, residue, and conformity needs
- Carrier equipment and legal road/container payload
- Loading photos, seal record, handover evidence, and claim protocol
- Live availability and final quotation validity

Pallet and container planning

Standard bases and nominal floor positions provide a starting point. The approved carton drawing and booked equipment control the final load plan.

PALLET BASE	FOOTPRINT	SAFE WORKING LOAD	20-FT NOMINAL	40-FT NOMINAL
EPAL Euro pallet	800 x 1200 mm	1,500 kg	Up to 11 positions	Up to 23 positions
EPAL 2 / industrial	1200 x 1000 mm	1,250 kg	Up to 10 positions	Up to 20 positions

Use ISPM 15-compliant heat-treated wood packaging where required. Never use a pallet's safe working load as the only payload calculation.

RECOMMENDED EQUIPMENT	Ventilated dry container or reefer, selected by season, route, and protocol
LOADING PATTERN	Palletized or floor-loaded according to carton dimensions, airflow, buyer handling, carrier rules, and destination requirements.
FINAL UTILIZATION	Cartons per pallet, pallet height, gross/net payload, and container count are calculated from the approved pack drawing and booked equipment. Reefer airflow or legal payload may reduce nominal pallet positions.
HANDLING PRIORITY	Load only properly cured bulbs with dry necks and skins. Protect against moisture, impact, light, and restricted airflow.

Egyptian loading gateways

SEA CONTAINER PORTS	AIR-CARGO GATEWAYS
Alexandria, El Dekheila, Damietta, Port Said / East Port Said, and Ain Sokhna. The final port depends on farm/packhouse origin, carrier service, equipment, route, cut-off, and destination.	Cairo International Airport and Borg El Arab International Airport. Booking, cooling capacity, airline acceptance, and destination connections are checked before confirmation.

Reference basis

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| 1. UC Davis Postharvest - Onions (Dry)
https://postharvest.ucdavis.edu/produce-facts-sheets/onions-dry | 2. UNECE Agricultural Quality Standards
https://unece.org/agricultural-quality-standards |
| 3. EPAL load-carrier specifications
https://www.epal-pallets.org/eu-en/load-carriers/overview | 4. Hapag-Lloyd Container Specification
https://www.hapag-lloyd.com/content/dam/website/downloads/press_and_media/publications/15211_Container_Specification_engl_Gesamt_web.pdf |
| 5. Egypt Maritime Transport and Logistics Sector - ports
https://www.mts.gov.eg/en/port/ | 6. EgyptAir Cargo terminals and perishable facilities
https://www.egyptair-cargo.com/Terminals.aspx |

Quality Zone coordinates export sourcing and shipment planning. The signed quotation, approved specification, and sales contract supersede this indicative sheet.