

B2B Master Trade Agreement

FRESH PRODUCE SUPPLY CHAIN // INDUSTRY PROTOCOL V4.2 // 2026 EDITION

SECURE PARTNER STATUS: VERIFIED

This Agreement is entered into between the **Supplier** and the **Receiver** for the high-volume trade of fresh fruit and vegetable commodities. It incorporates the 2026 Global Quality Standards and Digital Traceability mandates.

1. Quality Standards & Compliance

All produce delivered under this agreement must adhere to the **UNECE Standard v2026** for the specific commodity. Version 4.2 of this protocol allows for "Class I-B" (Climate-Resilient) grade which permits minor skin blemishes caused by heat stress, provided internal quality is unaffected.

Cold Chain Integrity: Produce core temperature must be maintained within T_{min} and T_{max} as specified in the Commodity Annex. Any deviation exceeding $\Delta T > 2^{\circ}\text{C}$ for more than 30 minutes triggers an automatic quality inspection.

2. Digital Traceability (GS1 & 2D Barcoding)

The Supplier must provide a "Digital Twin" for every pallet. This includes:

- **GS1 Digital Link:** QR-accessible data containing harvest date, plot ID, and pesticide application timestamps.
- **GGP ID:** Verified GLOBALG.A.P. Number (GGN) to ensure ethical and environmental compliance.

3. Commercial & Delivery Terms

Criteria	Requirement	SLA / Penalty Trigger
Product Loss	Maximum 3% unmarketable loss per lot.	Automatic credit note if loss > 3%.
Delivery Window	+/- 120 minutes from Slot Time.	Warehouse rejection after 180 mins.
Packaging	Recyclable/Compostable as per v4.2 specs.	Non-compliant packing fee: \$0.50/unit.

4. Food Safety & Sustainability

The Supplier warrants that all produce meets the Maximum Residue Limits (MRL) of the destination market. Under the **2026 Biodiversity Mandate**, the Supplier must also provide evidence of Integrated Pest Management (IPM) implementation on all certified acreage.

4.1 Carbon Footprint Calculation

Transportation emissions shall be calculated using the formula:

$CO_2e = (Weight_{kg} \times Distance_{km} \times EmissionFactor) / Efficiency_{index}$

5. Acceptance & Dispute Resolution

Any quality disputes must be logged via the **Produce Portal** within 4 hours of arrival at the Distribution Center. High-resolution imagery and temperature logs must be attached to the claim for automated processing via the Secure B2B Ledger.

For the Supplier:

For the Receiver:

Name / Title

Name / Title

Date:

Date: