

# Statistical Agriculture — Programme & Service Context

**Domain:** Statistical Agriculture

**Track:** D — Knowledge Base Population

**Status:** ACTIVE (descriptive, reviewer-safe)

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## 1. International and EU Context

Within SAL, **statistical agriculture** refers to the structured collection, harmonisation, and reporting of agricultural statistics as documented by international and European public institutions.

These statistics are used to: - Describe agricultural structures, production, and inputs - Support monitoring of agricultural trends - Provide official reference data for policy analysis and reporting

Statistical agriculture is treated as **descriptive and declarative**, not as an analytical or predictive system.

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## 2. FAO Context

The **Food and Agriculture Organization of the United Nations (FAO)** provides global standards, classifications, and statistical frameworks for agricultural data.

FAO statistical outputs commonly include: - Crop and livestock production statistics - Land use and agricultural inputs - Food balance and supply indicators

FAO data is designed for **international comparability and consistency**, rather than local operational decision-making.

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## 3. Eurostat Context

**Eurostat** is the statistical office of the European Union and provides harmonised agricultural statistics for EU Member States.

Within Eurostat, agricultural statistics support: - Monitoring of agricultural production and structures - Common Agricultural Policy (CAP) reporting - Cross-country comparison within the EU

Eurostat datasets follow defined statistical methodologies and legal frameworks.

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#### 4. Relationship to Environmental and EO Data

Statistical agriculture datasets are often referenced alongside: - Environmental indicators - Land and climate monitoring datasets - Earth observation-derived products

Within SAL, these relationships are recorded **descriptively**, without integrating or reconciling datasets.

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#### 5. Positioning Statement

Within SAL, statistical agriculture is positioned as: - Official, institutionally produced agricultural statistics - Reference data for understanding agricultural systems - Contextual information complementary to EO and environmental datasets

No modelling, forecasting, optimisation, or policy recommendation is implied.

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#### References (descriptive sources)

- Food and Agriculture Organization of the United Nations (FAO) — Agricultural Statistics
- Eurostat — Agricultural statistics and methodologies
- United Nations Statistical Division — Agricultural statistics frameworks