

Statistical Agriculture — Scope and Boundaries

Domain: Statistical Agriculture

Track: D — Knowledge Base Population

Status: ACTIVE (descriptive, reviewer-safe)

1. Thematic Scope

Within SAL, **statistical agriculture** covers officially produced agricultural statistics as documented by international and European public institutions.

This scope includes: - Agricultural production, structure, and input statistics - Livestock, crop, and land-use statistics - Aggregated indicators used for monitoring and reporting

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

2. Spatial Scope

The spatial scope reflects the characteristics of referenced statistical systems: - Global coverage (FAO statistics) - European and national coverage (Eurostat and Member State reporting) - Spatial granularity defined by reporting units (country, region, holding class)

SAL does not disaggregate statistics beyond published reporting levels.

3. Temporal Scope

The temporal scope includes: - Annual and multi-annual statistical series - Time series used for trend description and reporting - Reference periods defined by statistical authorities

SAL does not perform forecasting, extrapolation, or temporal smoothing.

4. Statistical and Methodological Boundaries

Statistical agriculture information within SAL may originate from: - Official surveys and administrative data - Harmonised statistical frameworks and classifications - Aggregated indicators defined by FAO or Eurostat

SAL does not assess data quality, sampling error, or methodological robustness.

5. Explicit Exclusions

The following are **explicitly outside scope**: - Predictive modelling or scenario analysis - Farm-level optimisation or recommendations - Policy impact assessment or evaluation - Economic forecasting - AI-driven inference or optimisation

SAL maintains a **strictly descriptive boundary** for statistical agriculture content.

6. Positioning Summary

Within SAL, statistical agriculture is positioned as: - Official reference statistics produced by public institutions - Contextual information for understanding agricultural systems - Complementary to environmental and EO datasets

This scope definition ensures suitability for EU reviewer and grant contexts.