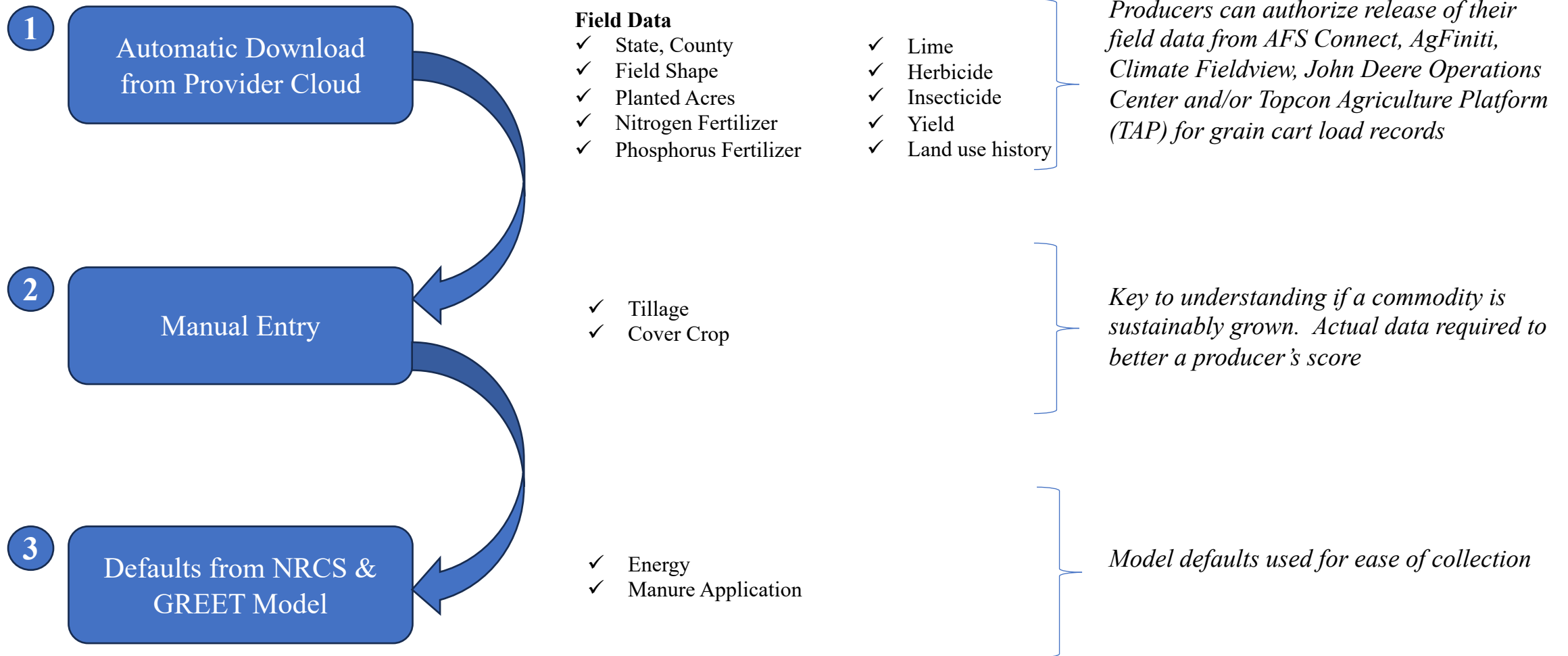# CPC Authentication Procedures

GIC Group & MyAgData

Data Collection Hierarchy

Data is automatically collected wherever possible, manually entered if a producer's practices are better than the model & defaults are used when actual data is not available.

① **Automatic Download from Provider Cloud**

Field Data
- ✓ State, County
- ✓ Field Shape
- ✓ Planted Acres
- ✓ Nitrogen Fertilizer
- ✓ Phosphorus Fertilizer
- ✓ Lime
- ✓ Herbicide
- ✓ Insecticide
- ✓ Yield
- ✓ Land use history

Producers can authorize release of their field data from AFS Connect, AgFiniti, Climate Fieldview, John Deere Operations Center and/or Topcon Agriculture Platform (TAP) for grain cart load records

② **Manual Entry**

- ✓ Tillage
- ✓ Cover Crop

Key to understanding if a commodity is sustainably grown. Actual data required to better a producer's score

③ **Defaults from NRCS & GREET Model**

- ✓ Energy
- ✓ Manure Application

Model defaults used for ease of collection

Efficiencies in Data Collection & Verification

- Streamlined automatic collection of key data to AFS Connect, AgFiniti, Climate Fieldview, and/or John Deere Operations Center

- Auto-calibration of yield data to field location if a Digi-Star Grain Cart scale has a GT560 model connection to the Topcon Agriculture Platform (TAP) connection

- GREET model defaults used for any data not available via cloud connect – grower-provided information on cover crop and tillage practices required for NRCS data benchmarking

- VERRA registry project application to be completed concurrently with rollout of CPC program

- CarbonPal, one of ISSC-used voluntary standards.

- Precision ag data & NDVI (imagery) used to automate analysis and verification

Crop Insurance Implementation

- Grower permission is required to use any crop insurance data – should be collected with application for CPC program

- Crop insurance acreage includes field location & acres planted

- Crop insurance yield is total yield by crop across all planted fields – not specific to the actual planted field