

Comprehensive Equipment Requirements List

1. Agricultural Equipment

Category	Details
Tractors	4WD 80–120HP (2 units), 150–220HP (1 unit), Orchard 40–60HP (1 unit)
Soil Preparation	Moldboard Plough, Disc Harrow, Subsoiler, Rotavator

2. Harvesting Equipment

Category	Details
Combine Harvester	120–200 HP class (1 unit)
Forage Harvester	80–150 HP (1 unit)
PTO Reaper	1.2–1.5m cutting width (1 unit)

3. Planting & Seeding

Category	Details
Mechanical Seeder	3–5 row (1 unit)
Precision Planter	4–6 row pneumatic (1 unit)
Broadcast Seeder	Tow-behind or PTO-driven (1 unit)

4. Spraying & Crop Care

Category	Details
Boom Sprayer	600–1200 L tractor-mounted
Air-Blast Sprayer	600–1000 L for orchards
Knapsack Sprayers	16–20 L manual/electric (4 units)

5. Material Handling & Lifting

Category	Details
Telescopic Boom Lift	20–40m working height
Forklift	3–5 ton capacity (diesel or electric)
Front Loader Attachment	For 80–120HP tractor

6. Trailers & Transport

Category	Details
Farm Trailer	5–8 ton tipping trailer
Water Bowser Trailer	1000–2000 L
Flatbed Equipment Trailer	2–3 ton

7. Workshop & Welding Equipment

Category	Details
MIG/TIG Welder	250–350A
Portable Generator	5–8 kVA
Mechanic Tool Kit	Full workshop-grade set

8. Measurement & Precision Tools

Category	Details
Livestock Weighing Scale	Digital (TruTest-type)
Moisture Meter	For grain or soil