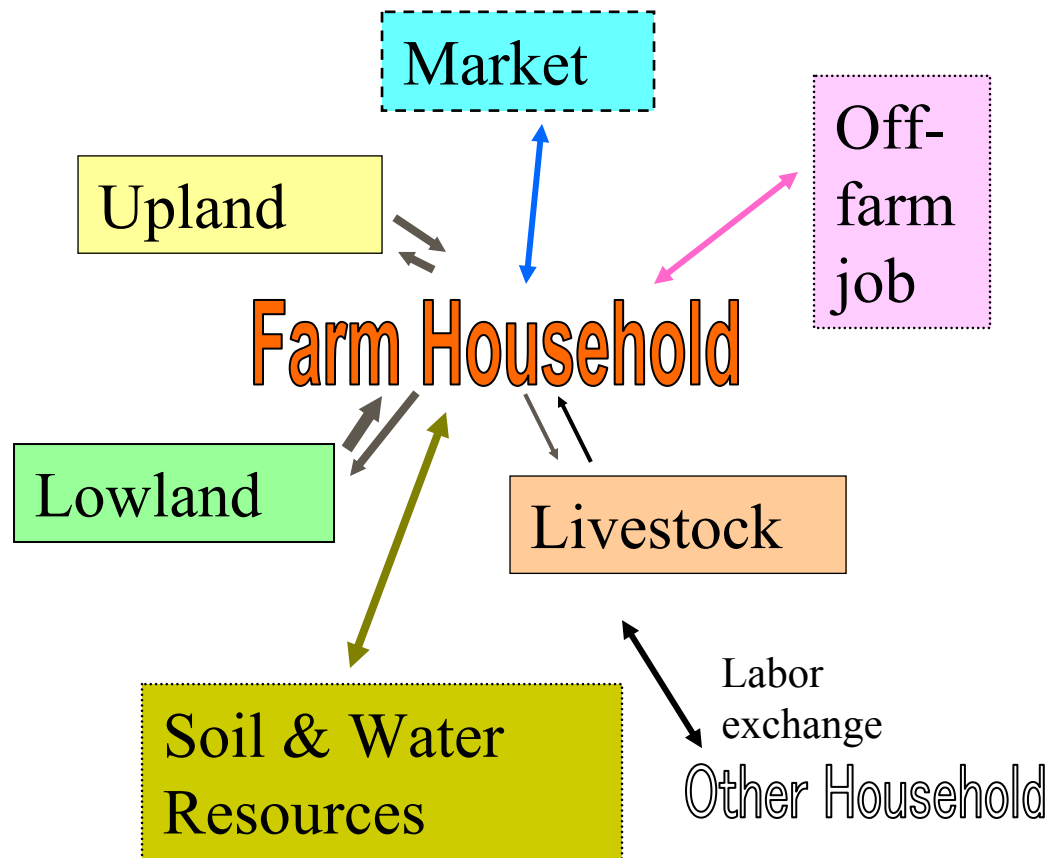


# Household options and limitations in marginal upland areas of Java



Marginal Area Symposium  
October 2003

CASERD-JIRCAS  
Collaborative Study  
1997-2000  
reported by Junko Goto

# Indonesia since the late 1990s

## -the turbulent era of transition-



- ⌘ 1997- Rupiah crisis
- ⌘ May 1998- end of the **Soeharto** regime (1968-98)
- ⌘ 1999 **East Timor** crisis
- ⌘ From B.J. Habibie to Abdurrahman Wahid (Gus Dur) (Oct. 99)
- ⌘ **Megawati** Soekarnoputri as President (July 2001)
- ⌘ El Nino drought – 97-98 rice shortage
- ⌘ increased **inequality** and **poverty**
- ⌘ difficult Road to
  - decentralization**
  - democratization**
- ⌘ people's economy
- ⌘ **agribusiness** development for **small farmers**

# A Banana-based FSR project, Southern Cianjur

⌘ Project to improve small farmer income and welfare by agriculture development

**P2RT**: Pengembangan Pertanian Rakyat Terpadu

**SPAKU**: Sentra Pengembangan Agribisnis Komoditas Unggulan

⌘ **SUP-Pisang (AIAT)**

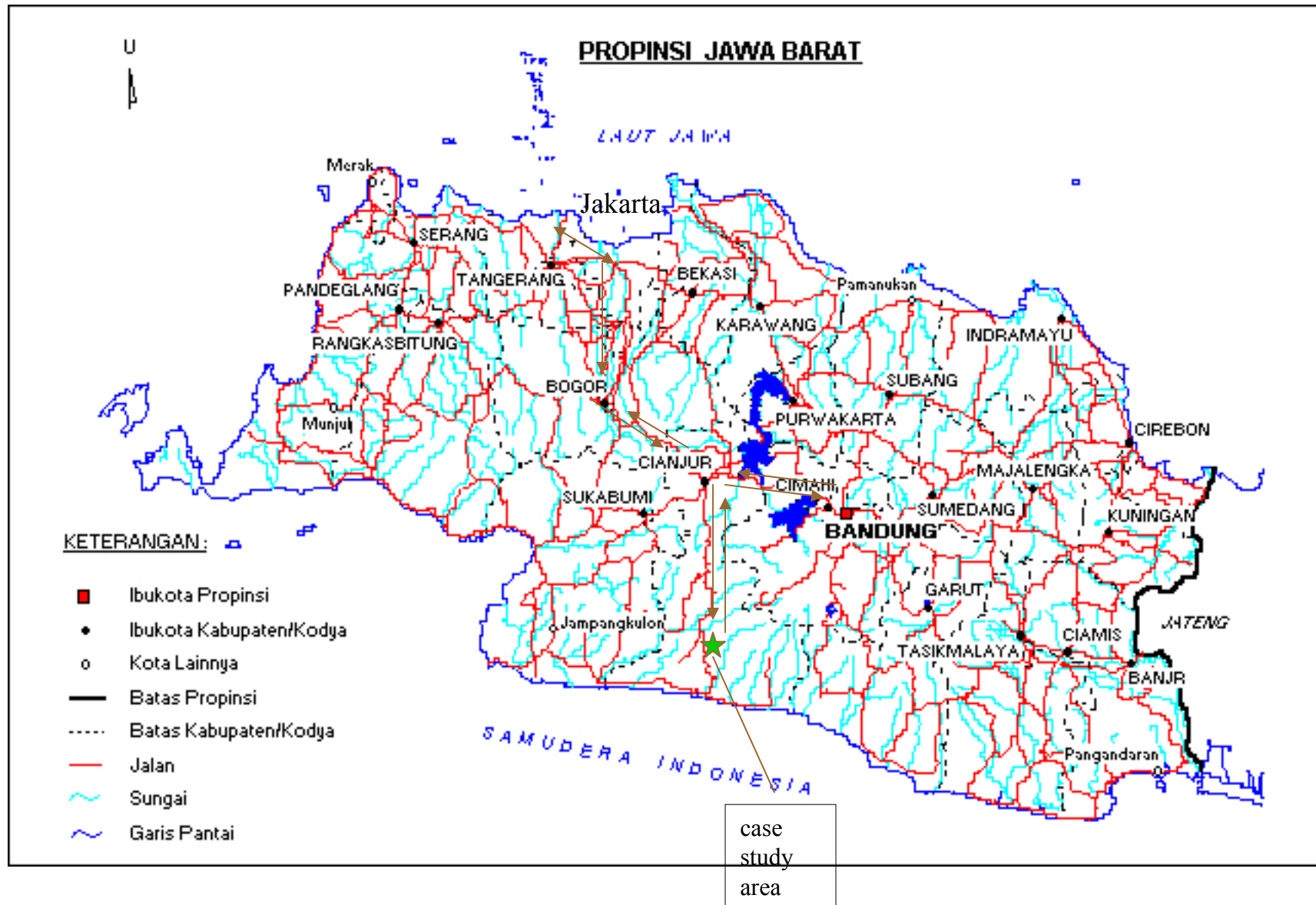
**Cropping Patterns**- banana, feed grass, upland rice/ peanut/ soybean

**Soil Conservation**- ridges + sheep manure

**Higher Yielding Varieties + Livestock** (sheep)

-CASER-JIRCAS socio-economic follow-up survey

# Map of West Java – location of case study area





a truck carrying sheep  
(region's main road) →

upland fields ↓



↑  
a mosque  
← a relatively wealthy  
villager's house  
(motorbike – PPL)



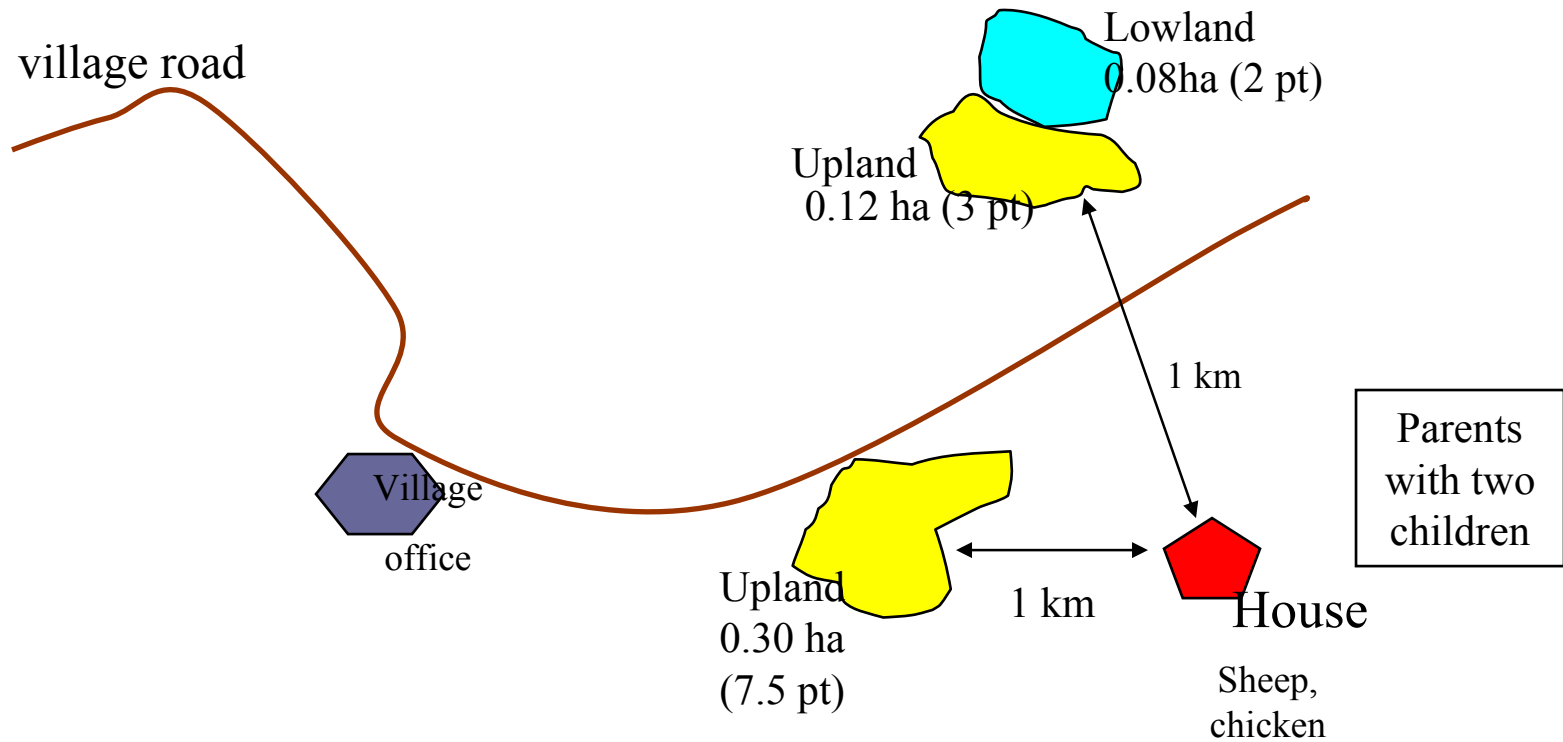
← water buffaloes →  
children taking  
care of sheep,  
going home  
(village road)



# Land assets & livestock

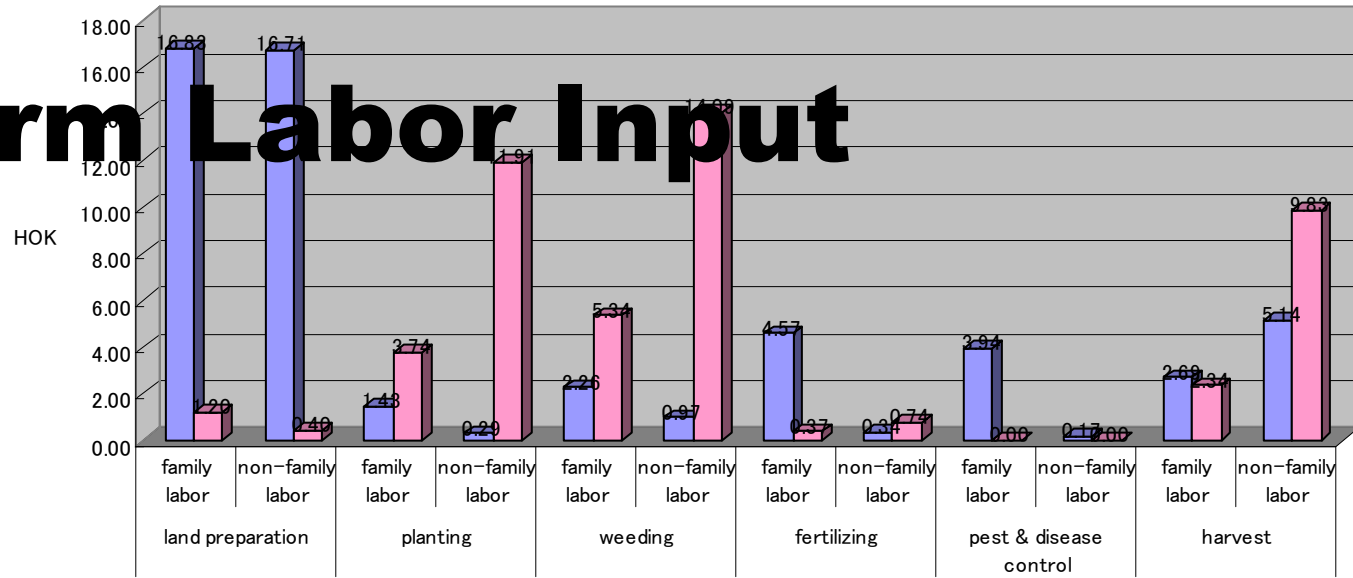
- ⌘ **Average size** of farm operation, 0.92ha
  - 0.20ha lowland, 0.72 ha upland
  - owned: 81% lowland, 85% upland
  - average # plots: 1.35 lowland; 2.06 upland
- ⌘ Most farm households have **sheep** (4.3 head/farm) and **chicken** (7.1 head/farm)
- Only, a few farm households have a **buffalo**.  
(Water buffalos hired for land tilling.)

# A farmer house and farmland location (an example )

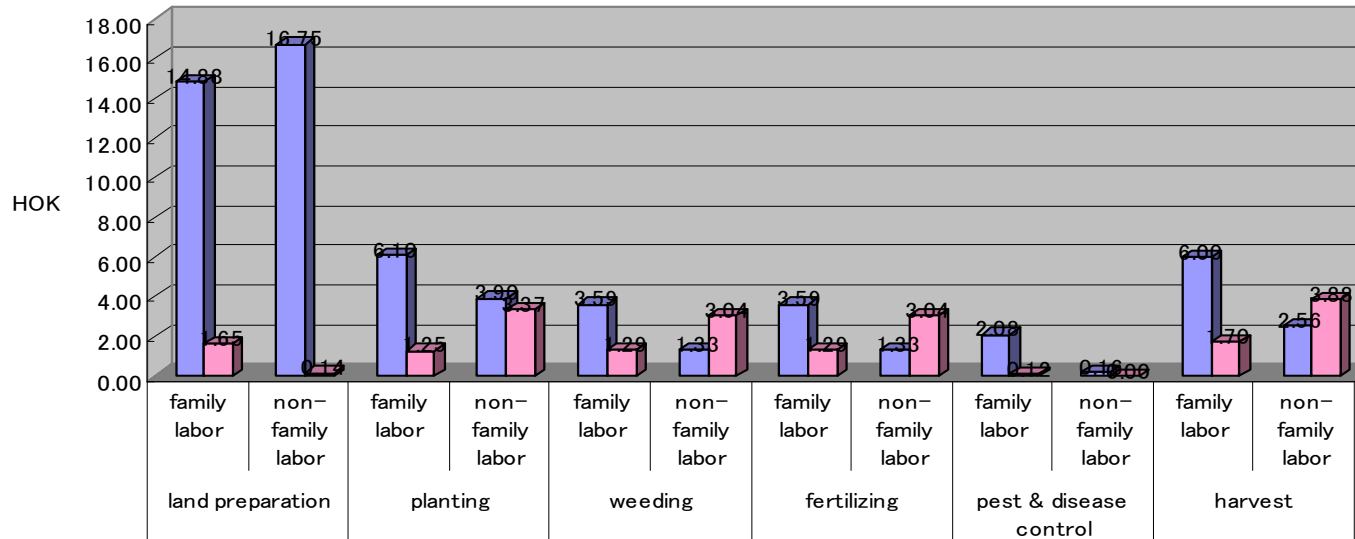


Labor input -- lowland

# Farm Labor Input



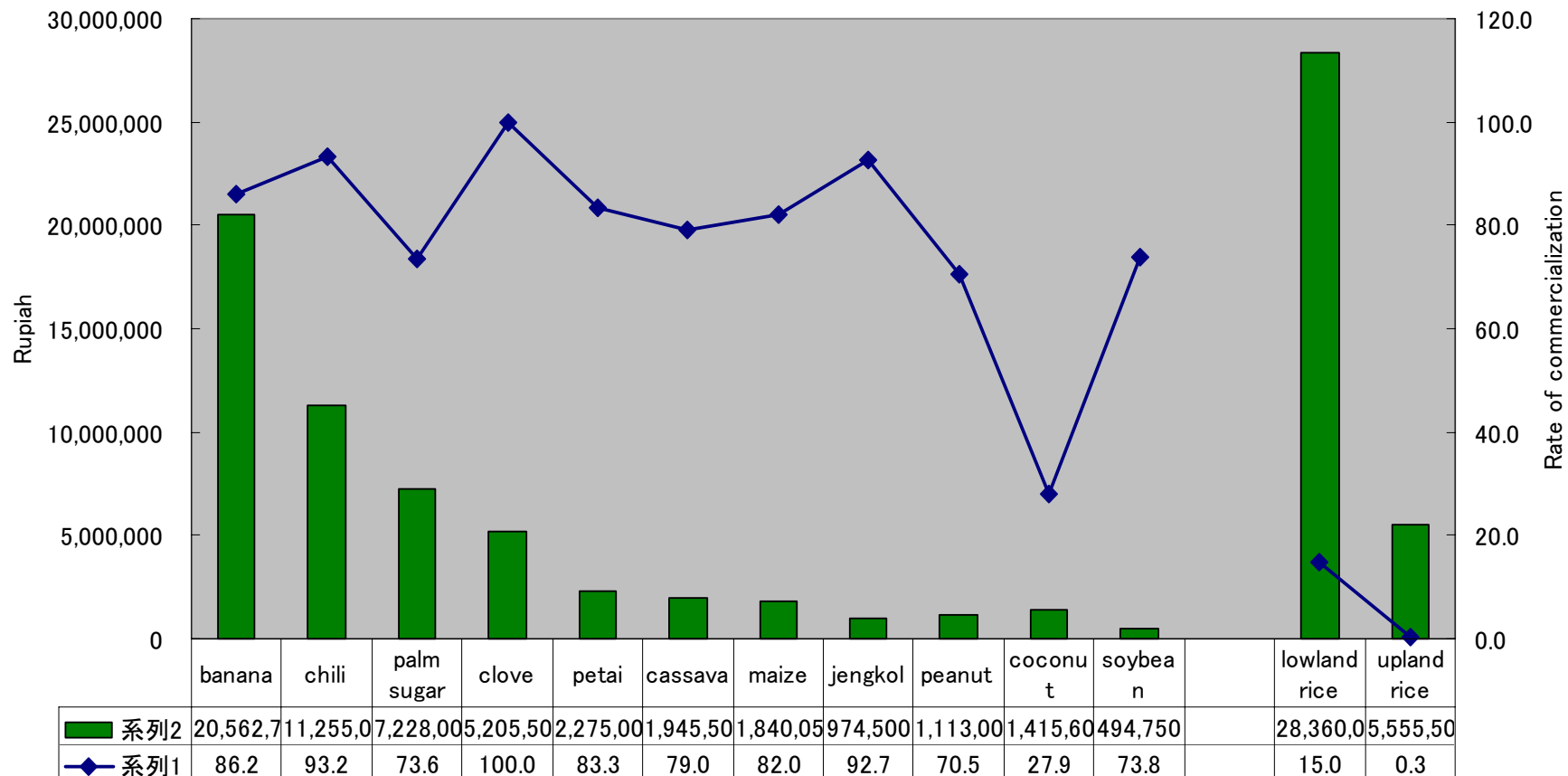
Labor input -- upland



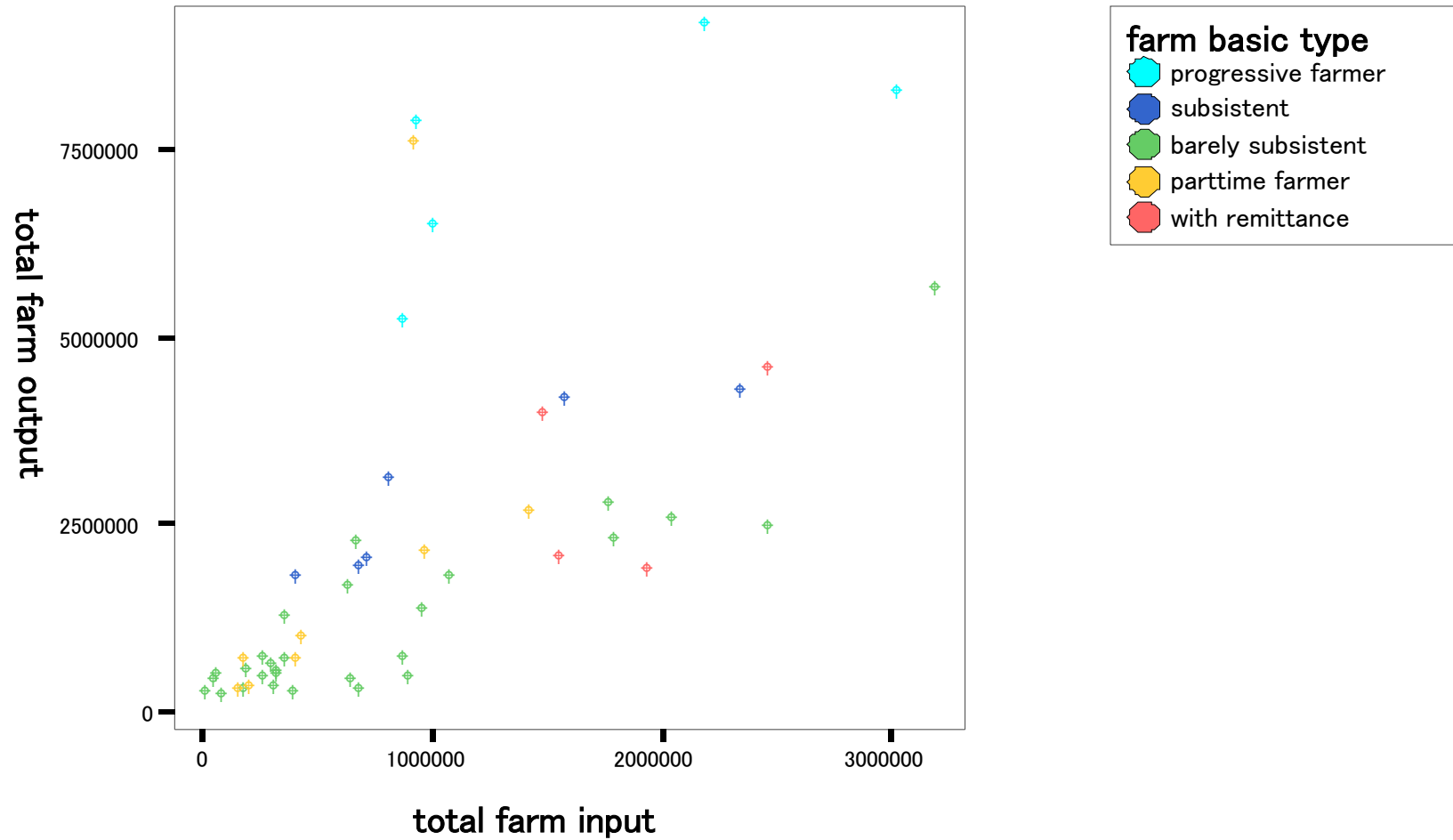


# Farm output–major crops

Crop production summary

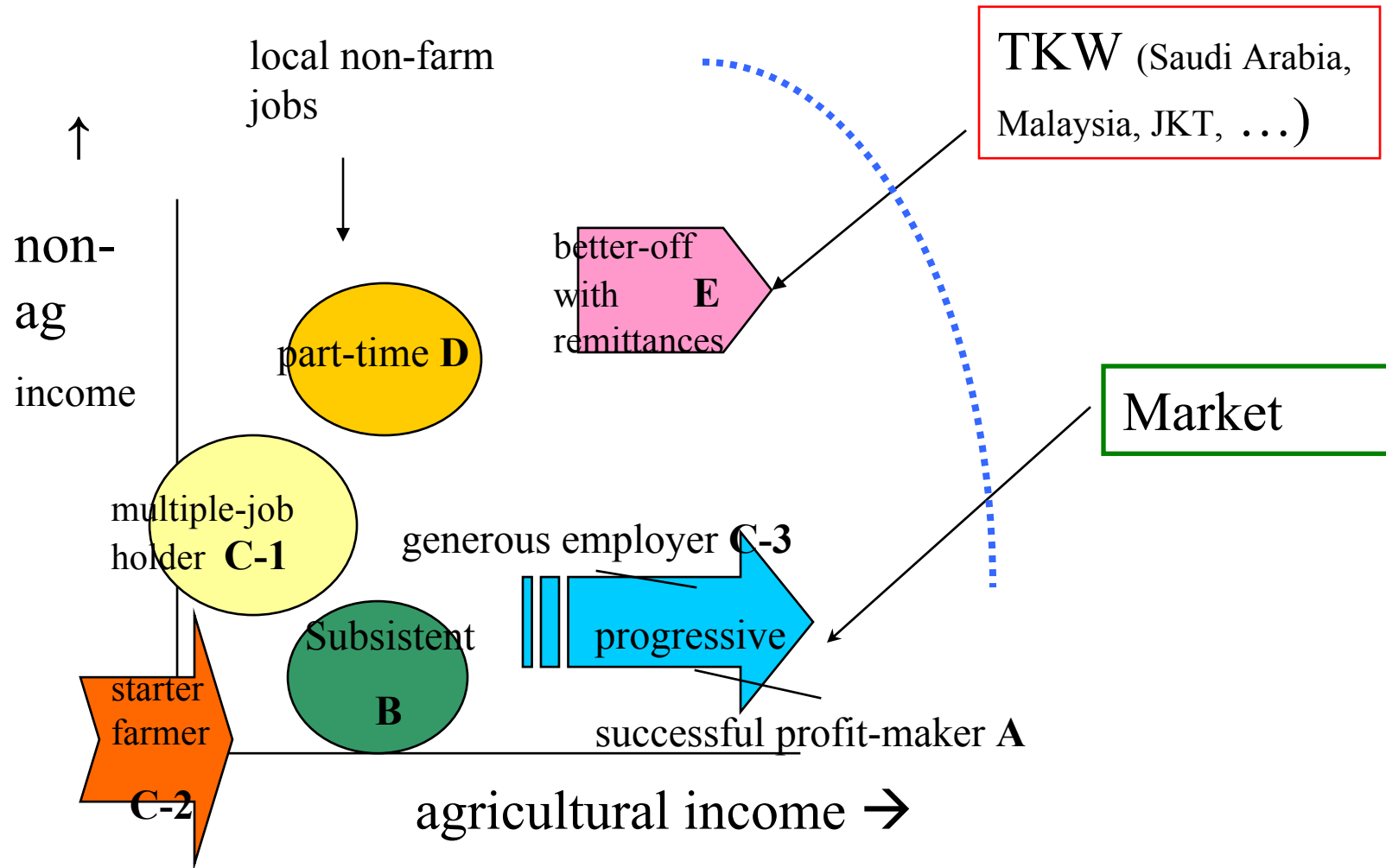


# Scatter diagram by farm types



# How to improve small farmer income?

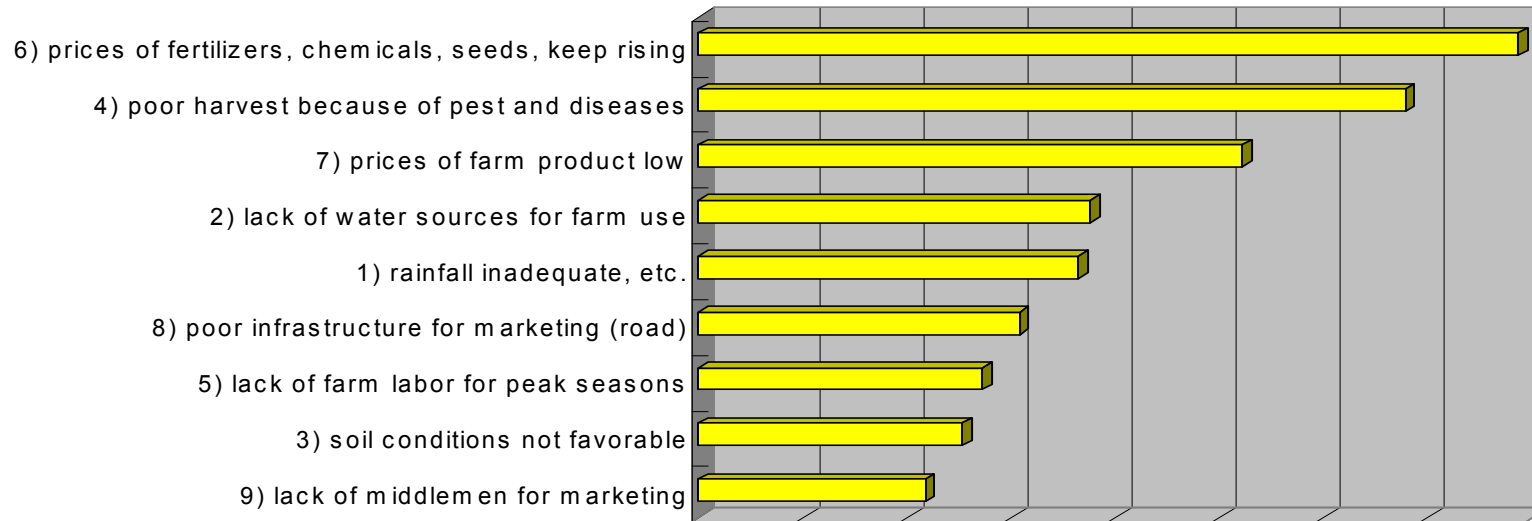
-- Household options: niches in the local economy --



# Reasons of dissatisfaction with own farming system

## Frequently cited reasons (51 respondents)

The numbers below correspond with choices in Form C, Question 2.



90 % farmers, not satisfied with own farming system

# How to **balance** between:

- ⌘ subsistence vs market-oriented farming
- ⌘ farming vs off-farm income generation
- ⌘ income generation vs natural resource conservation (soil & water, forestry resources)

Thank you very much for your attention

