

ANNEXED FIGURES

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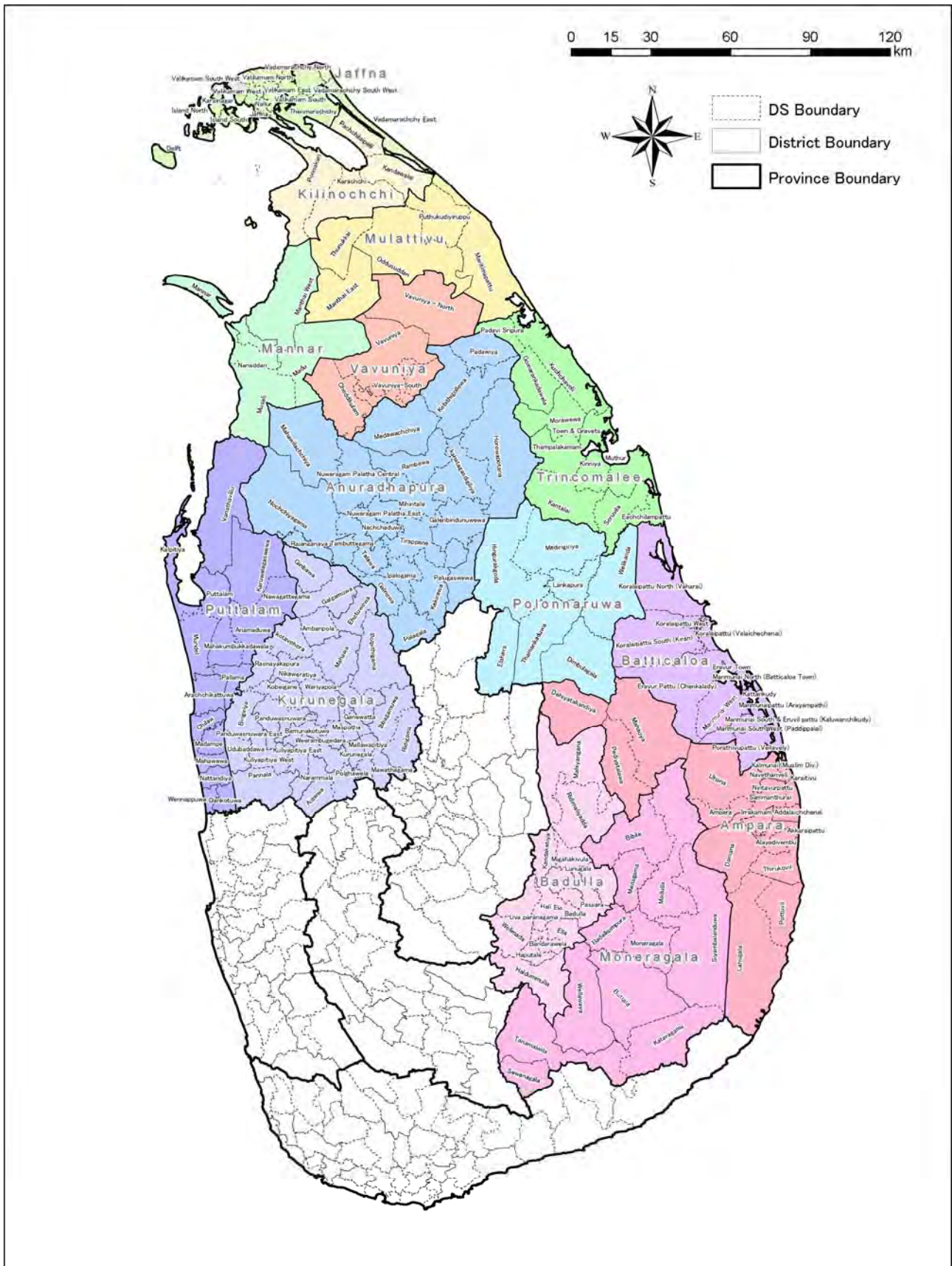


Figure A 3.1 Administration Boundary

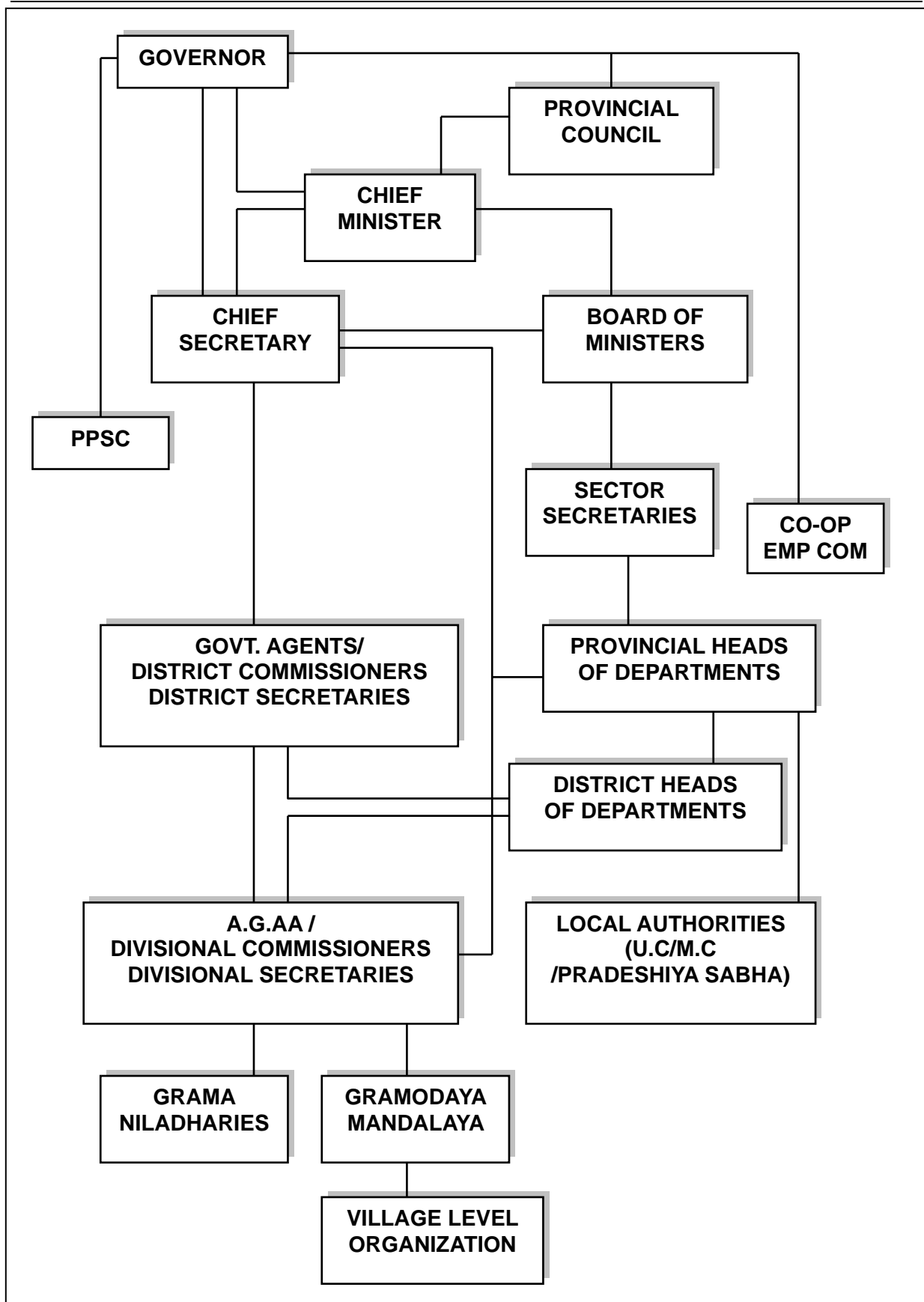


Figure A 3.2 Administrative Structure of Provincial Council

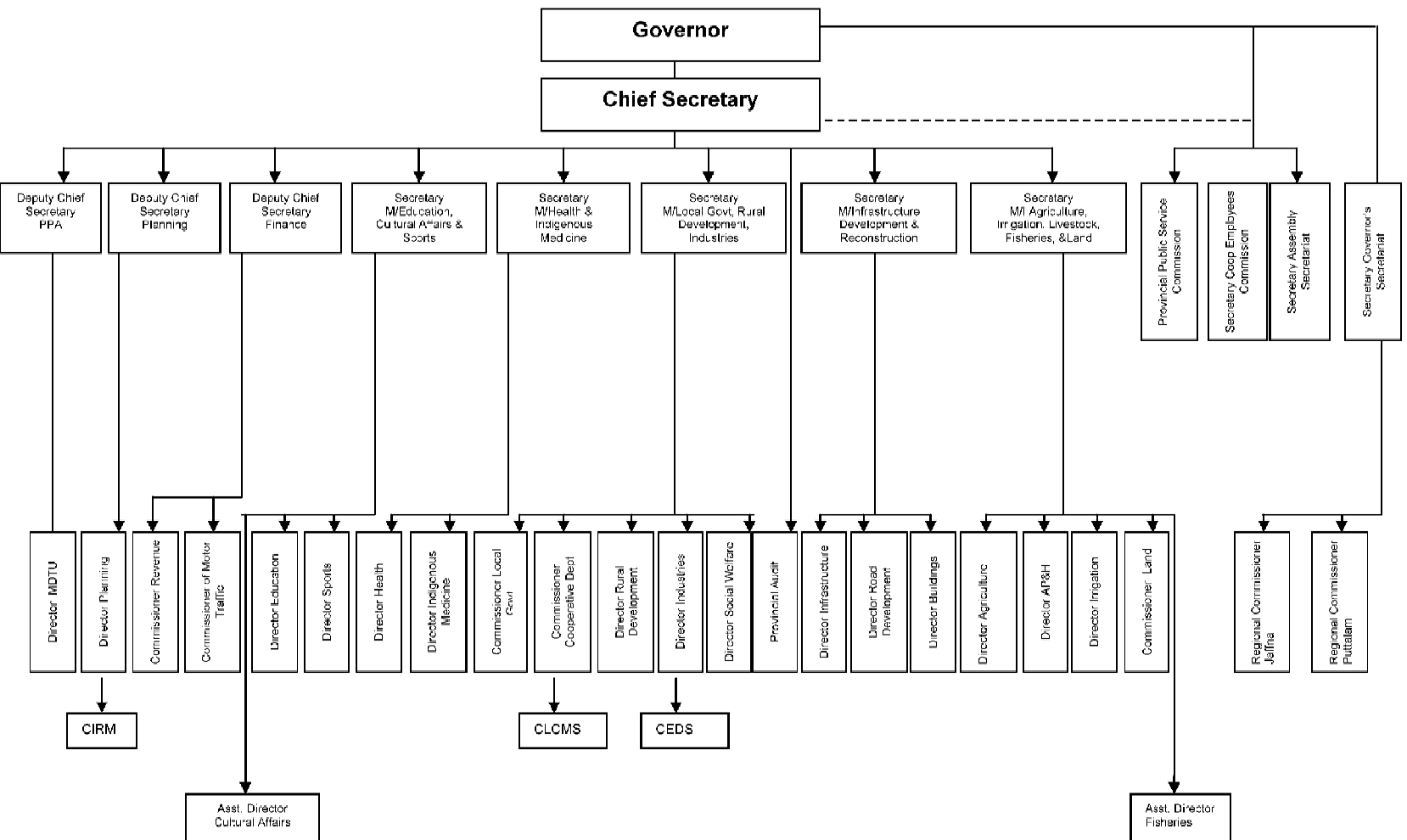
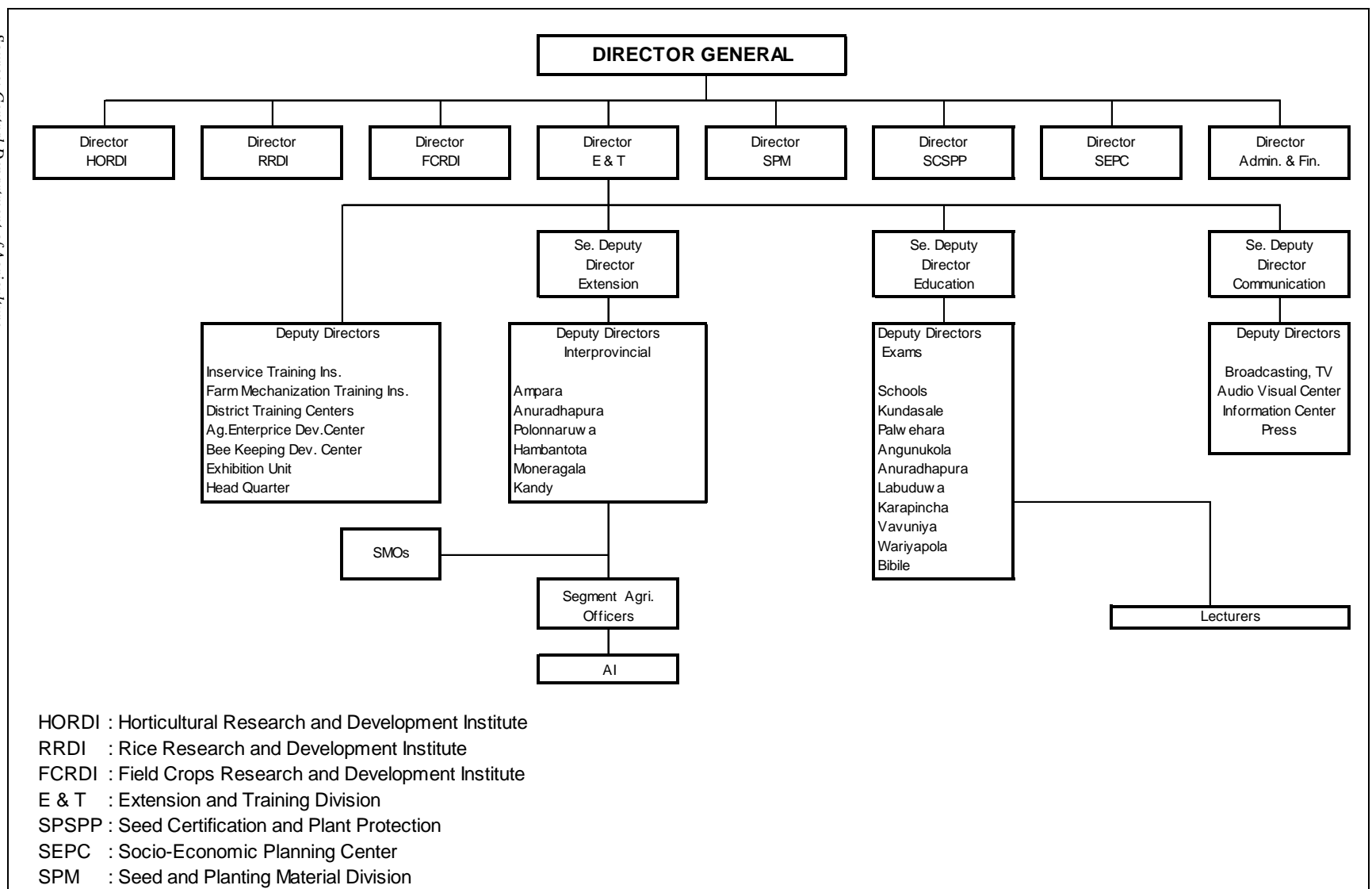
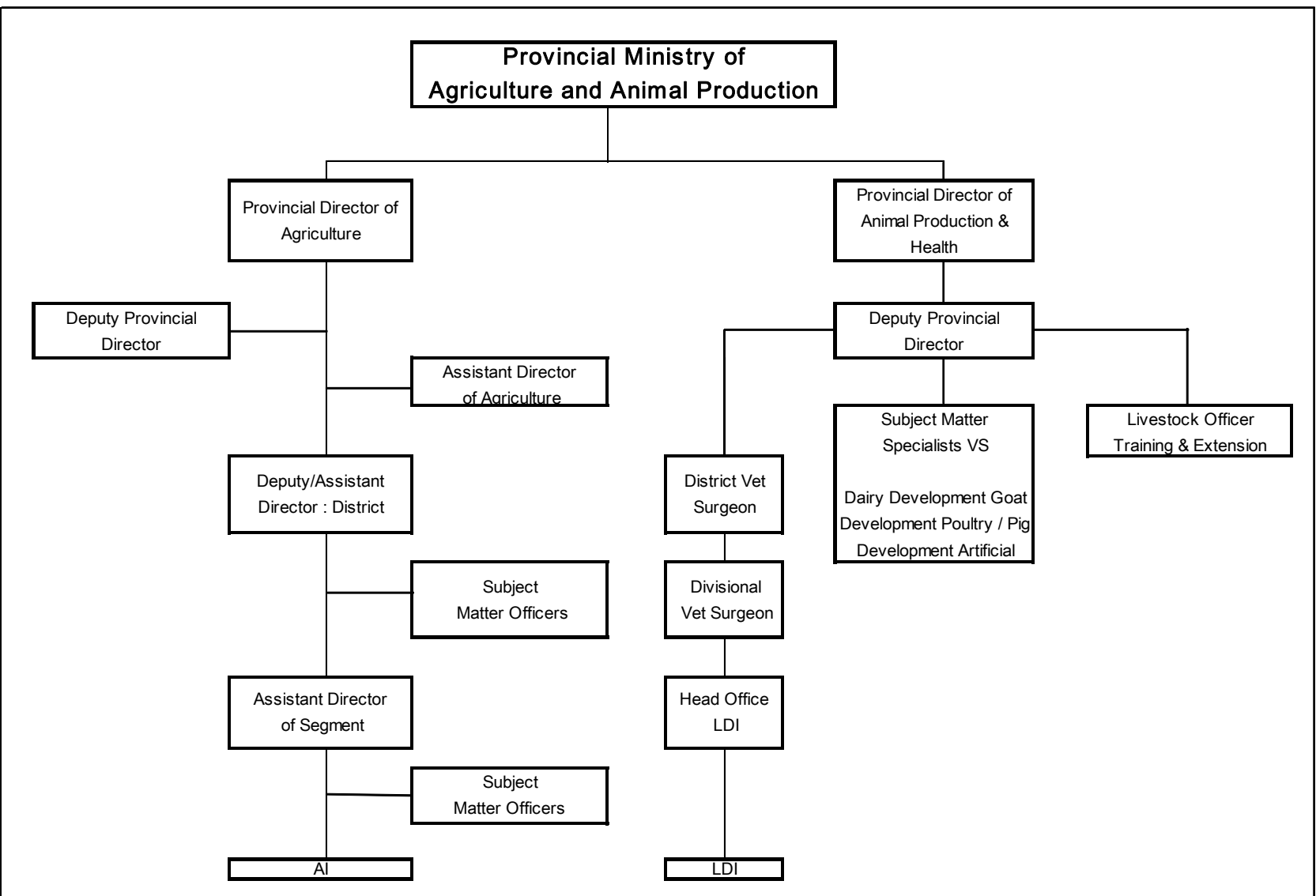


Figure A 3.3 Overall Management Organization Chart, Northern Provincial Council (in the absence of council- an elected body)



Source: Central Department of Agriculture
Figure A.3.4 Organization Structure of Central Department of Agriculture



Source: Provincial Department of Agriculture, Animal Production and Health, North Central Province
Figure A 3.6 Organization Structure of Provincial Department of Agriculture and Animal Production & Health

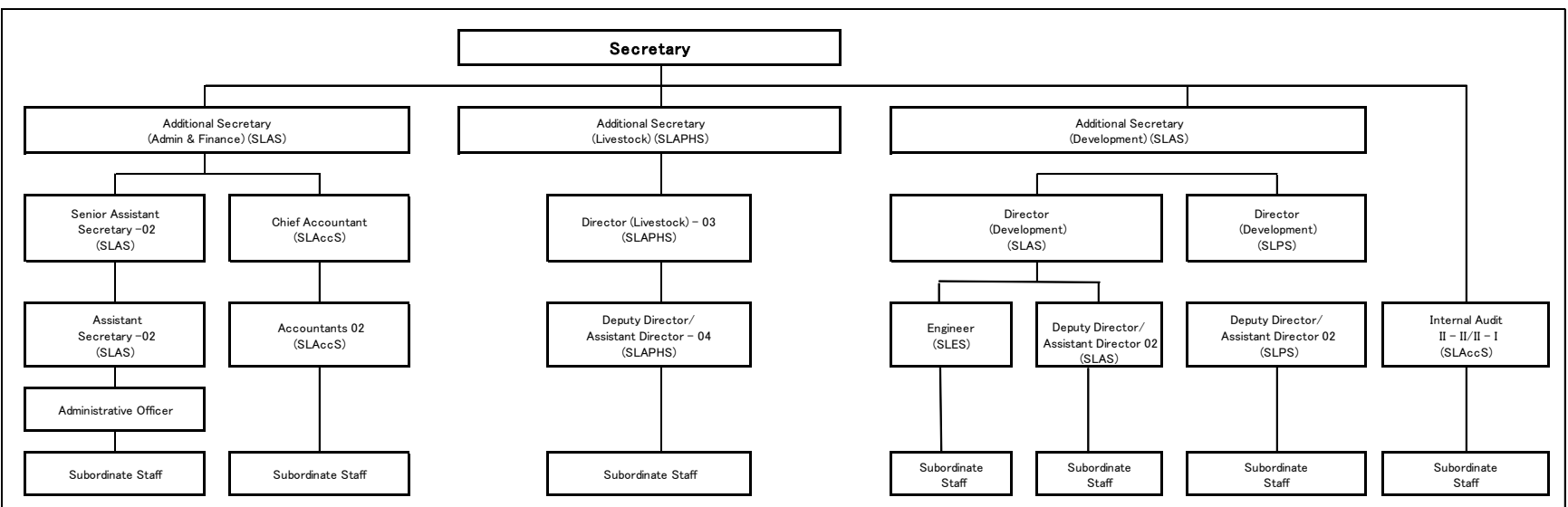


Figure A 3.7 Organization Structure of Ministry of Livestock and Rural Community Development

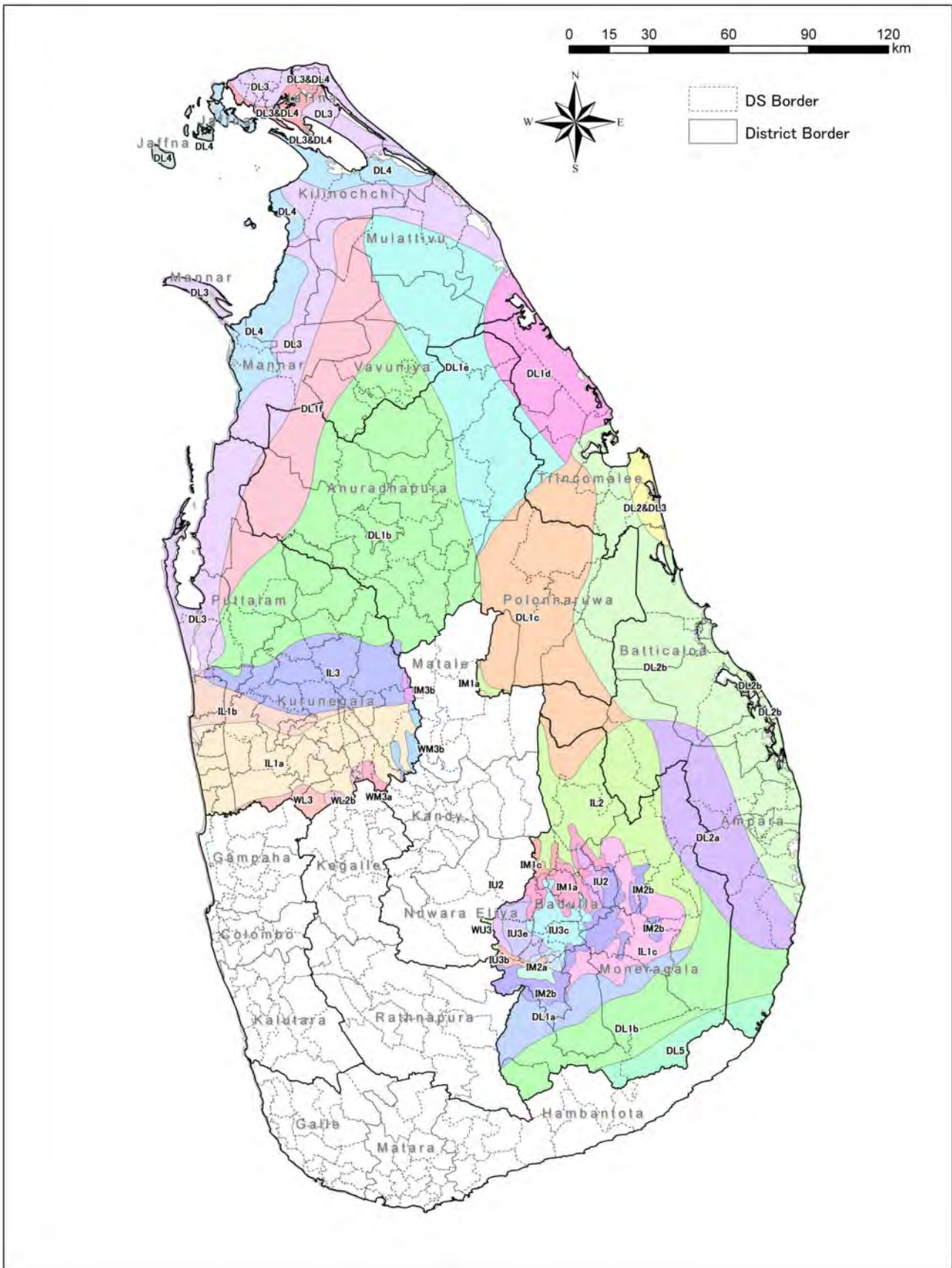
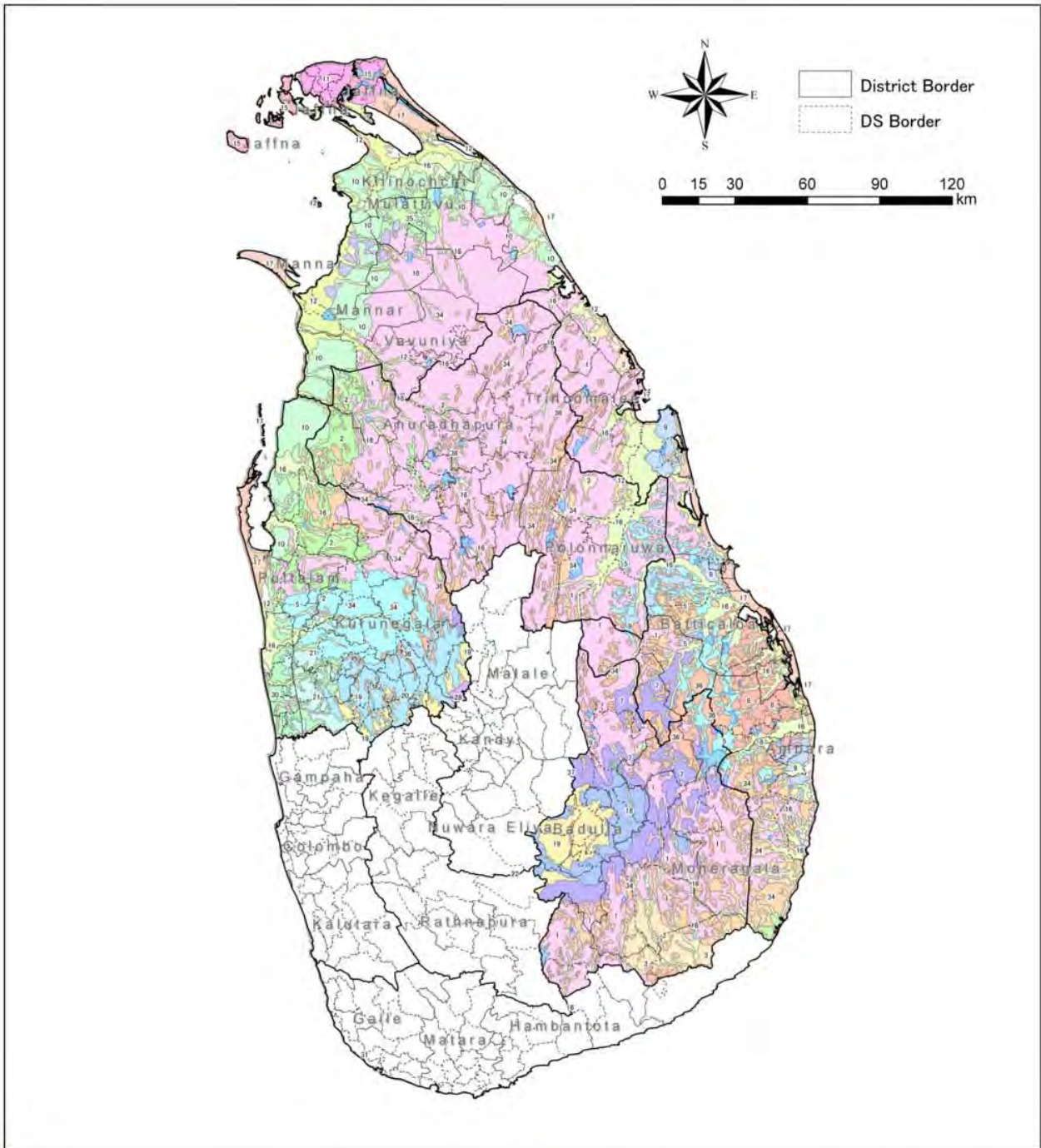


Figure A 3.8 Agro Ecological Zone



- | | |
|---|---|
| 1.Reddish Brown Earths & Low Humic Gley soils; undulating terrain | 20.Red-Yellow Podzolic soils with strongly mottled subsoil & Low Humic Gley soils; rolling and undulating terrain |
| 2.Reddish Brown Earths with high to moderate amount of gravel in subsoil & Low Humic Gley soils; undulating terrain | 21.Red-Yellow Podzolic soils with soft or hard laterite; rolling and undulating terrain |
| 3.Reddish Brown Earths & Solodized Solonetz; undulating terrain | 22.Red-Yellow Podzolic soils with dark B horizon & RedYellow Podzolic soils with prominent A1 horizon;rolling terrain |
| 5.Reddish Brown Earths, Noncalcic Brown soils & Low Humic Gley soils; undulating terrain. | 23.Red-Yellow Podzolic soils with semi-prominent A1 horizon; hilly and rolling terrain |
| 7.Reddish Brown Earths & Immature Brown Loams; rolling, hilly and steep terrain | 27.Reddish Brown Latosolic soils; steeply dissected, hilly and rolling terrain |
| 8.Noncalcic Brown soils & Low Humic Gley soils; undulating terrain | 28.Immature Brown Loams; steeply dissected, hilly and rolling terrain |
| 9.Noncalcic Brown soils, soils on old alluvium & Solonetz; undulating terrain | 30.Latosols and Regosols on old red and yellow sands; flat terrain |
| 10.Red-Yellow Latosols; flat to slightly undulating terrain | 31.Bog and Half-Bog soils; flat terrain |
| 11.Calcic Red-Yellow Latosols; flat terrain | 32.Alluvial soils of variable drainage and texture; flat terrain |
| 12.Solodized Solonetz and Solonchaks; flat terrain | 33.Regosols on Recent beach sands; flat terrain |
| 13.Grumusols; flat terrain | 34.Rock knob plain |
| 15.Soils on Recent marine calcareous sediments; flat terrain | 35.Eroded land |
| 16.Alluvial soils of variable drainage and texture; flat terrain | 36.Erosional remnants (Inselbergs) |
| 17.Regosols on Recent beach and dune sands; flat terrain | 37.Steep rockland & Lithosols |
| 18.Red-Yellow Podzolic soils & Mountain Regosols; mountainous terrain | water body |
| 19.Red-Yellow Podzolic soils; steeply dissected, hilly and rolling terrain | |

Figure A 3.9 Soil Map

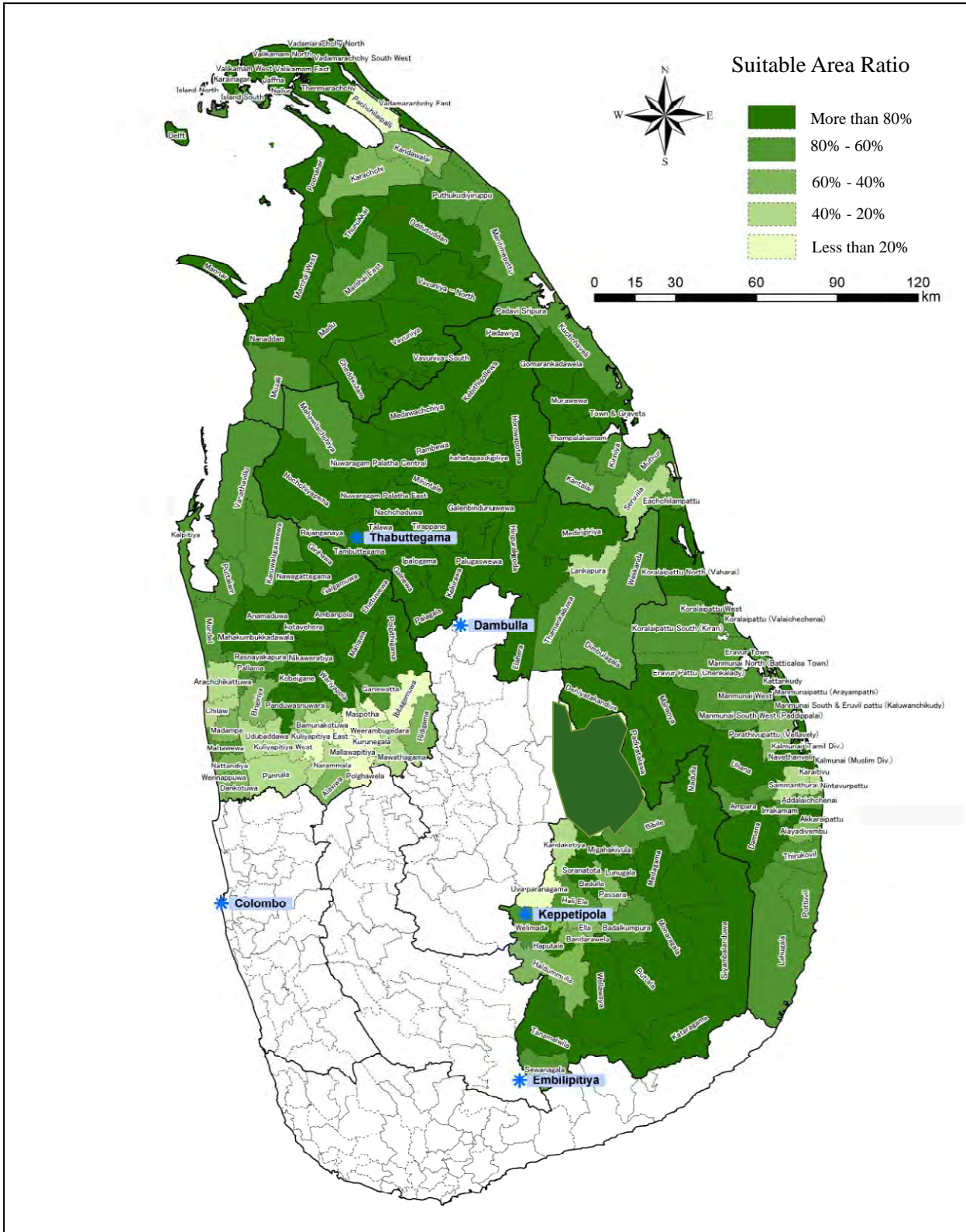
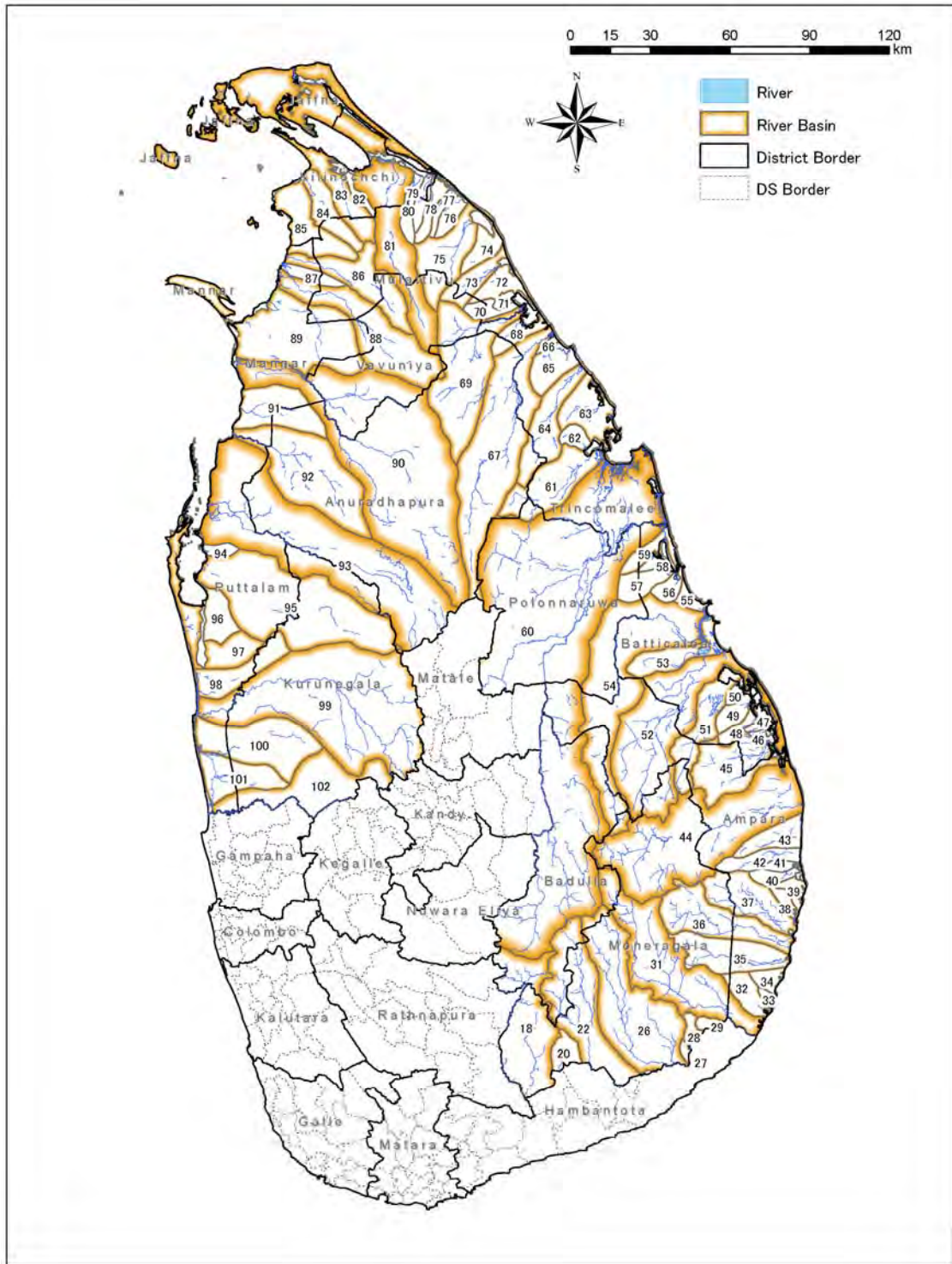
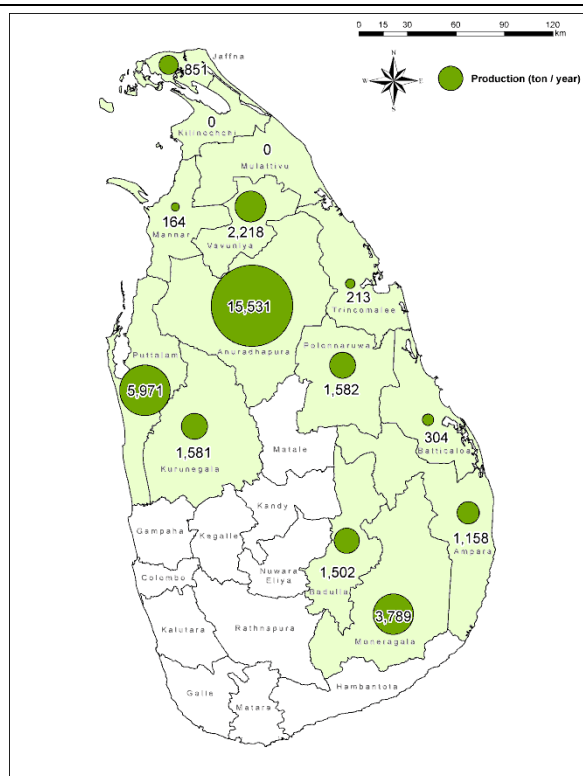


Figure A 3.10 Soil Suitability for OFC and Vegetable Cultivation (DS-wise)

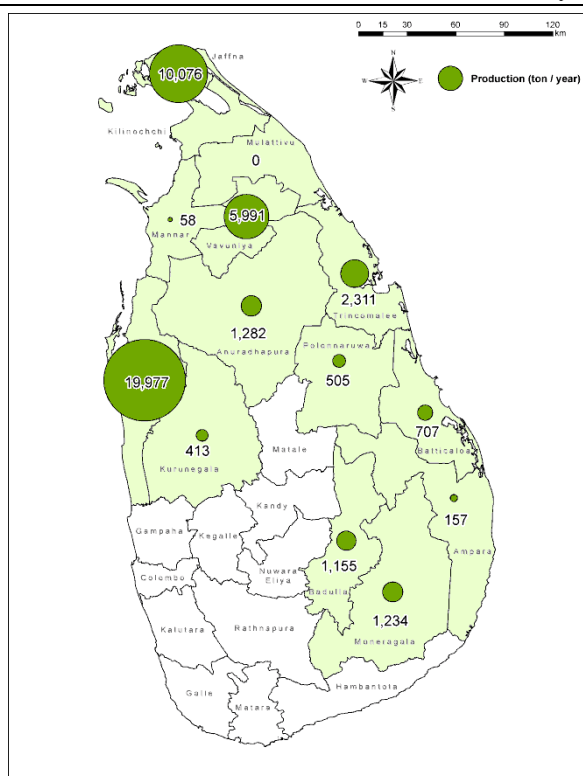


18 Walawe Ganga	37 Karanda Oya	52 Mundeni Aru	67 Yan Oya	82 Kalwalappu Aru	97 Kalagamuna Oya
20 Malala Oya	38 Semana Aru	53 Miyangolla Ela	68 Mee Oya	83 Akkarayan Aru	98 Rathambala Oya
22 Kirindi Oya	39 Tandadi Aru	54 Maduru Oya	69 Ma Oya	84 Mandakal Aru	99 Deduru Oya
23 Bambawe Ara	40 Kangikadichi Aru	55 Puliyapota Aru	70 Churiyan Aru	85 Pallavarayan Kaddu	100 Karambalan Oya
24 Mahasilawa Oya	41 Rufus Kulam Aru	56 Kirimechchi Odai	71 Chavar Aru	86 Pali Aru	101 Ratmal Oya
26 Menik Ganga	42 Pannel Oya	57 Bodigolla Aru	72 Palladi Aru	87 Chappi Aru	102 Maha Oya
27 Katupila Ara	43 Ambalam Oya	58 Mandan Aru	73 Manal Aru	88 Parangi Aru	
28 Kurundu Ara	44 Gal Oya	59 Makarachchi Aru	74 Kodalikallu Aru	89 Nay Aru	
29 Nabadagas Ara	45 Andella Oya	60 Mahaweli Ganga	75 Per Aru	90 Aruvi Aru	
31 Kumbukkan Oya	46 Tumpen Keni	61 Kantale basin	76 Pali Aru	91 Kal Aru	
32 Bagura Oya	47 Namakada Aru	62 Palampotta Ara	77 Maruthapillay Aru	92 Moderagam Aru	
33 Girikula Ara	48 Mandipattu Aru	63 Panna Oya	78 Theravil Aru	93 Kala Oya	
34 Helawe Ara	49 Pathantoppu Aru	64 Pankulam Aru	79 Piramenthal Aru	94 Moongil Ara	
35 Wila Oya	50 Vett Aru	65 Kunchikumban Aru	80 Metheli Aru	95 Mi Oya	
36 Heda Oya	51 Unnichchai	66 Palakutta Aru	81 Kanakarayan Aru	96 Madurankuli Aru	

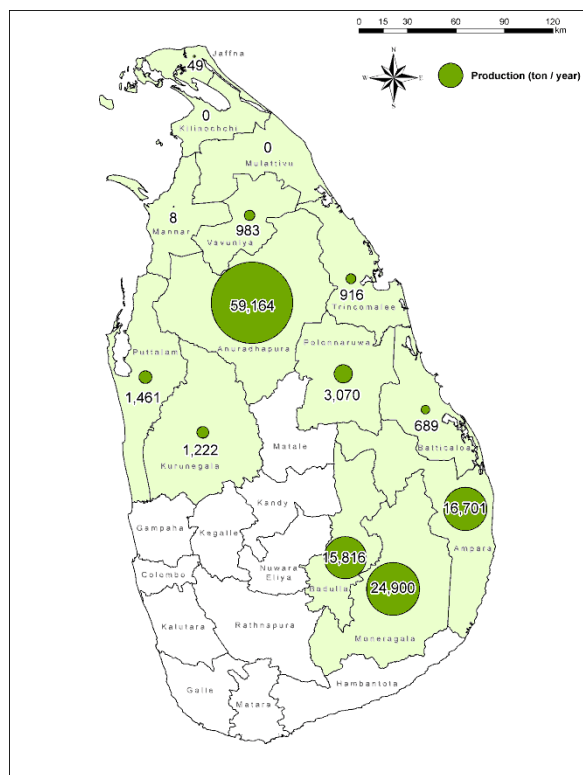
Figure A 3.11 River Basin



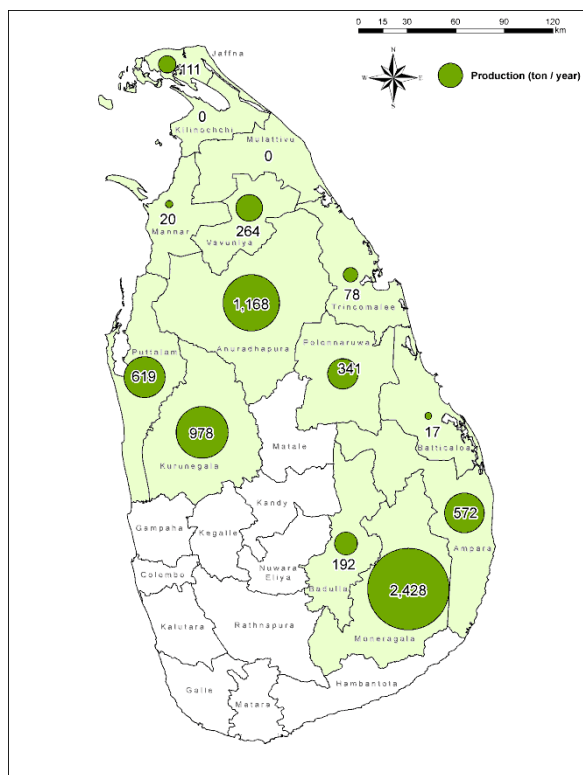
Chillies (green)



Red onion



Maize

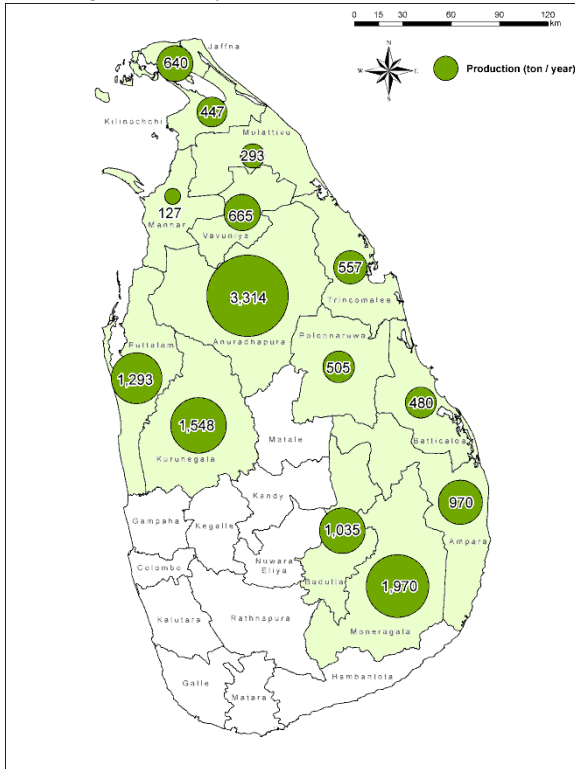


Green gram

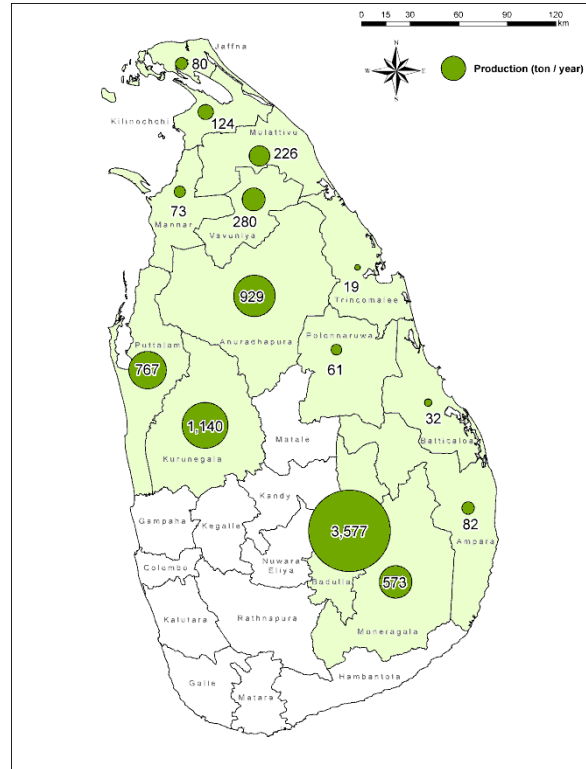
Source: Agricultural Profile 2006 HARTI

Figure A 3.12 Distribution of major OFC production in survey area

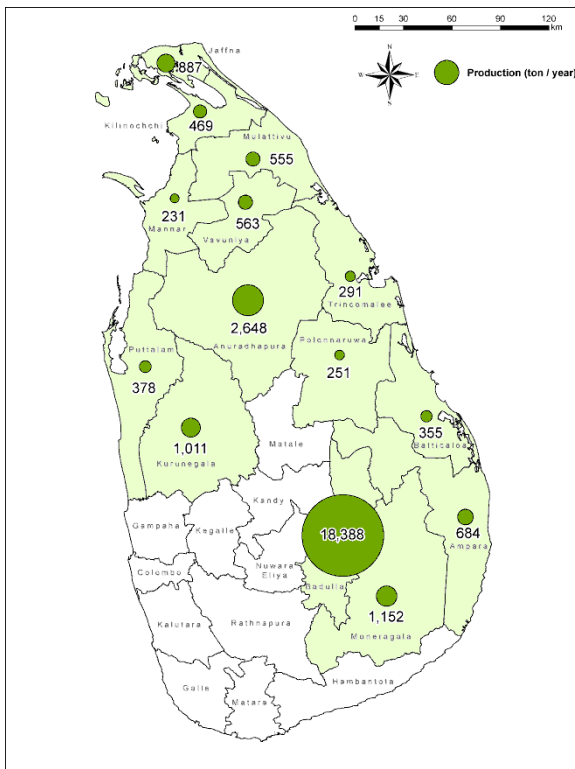
(Source: Agricultural Profile 2006 HARTI)



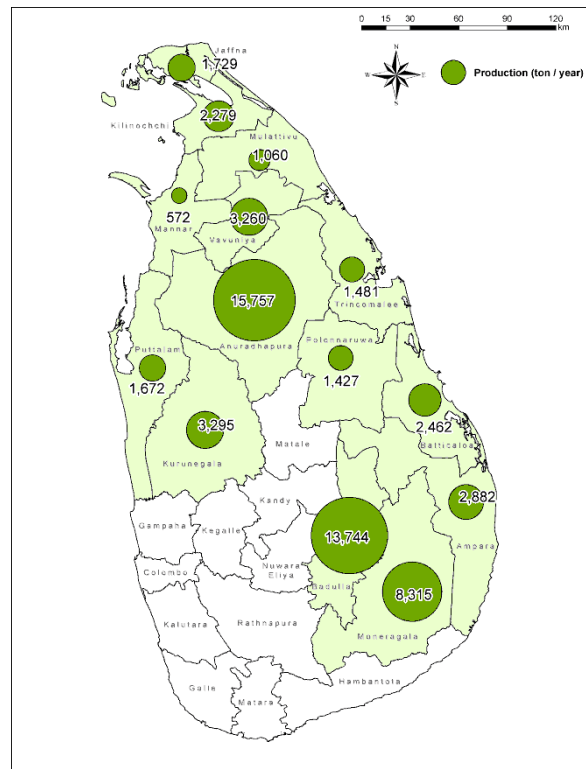
Bitter gourd



Capsicum

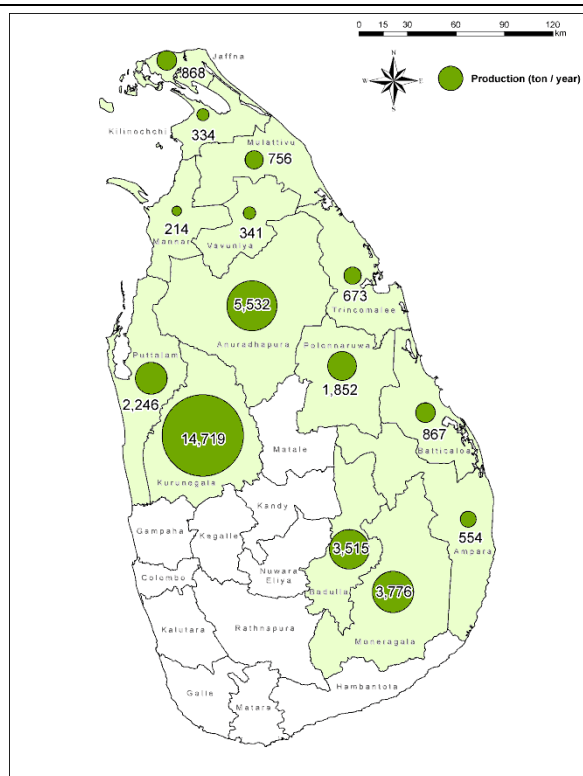


Tomato

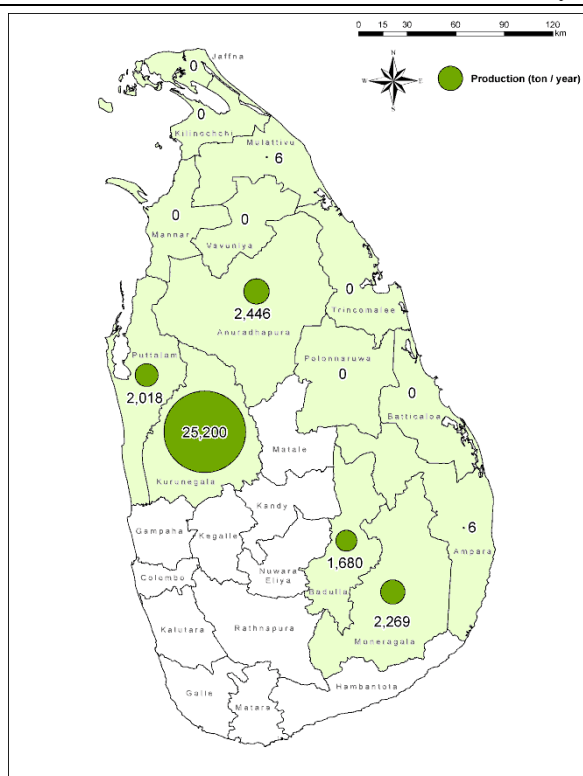


Brinjal

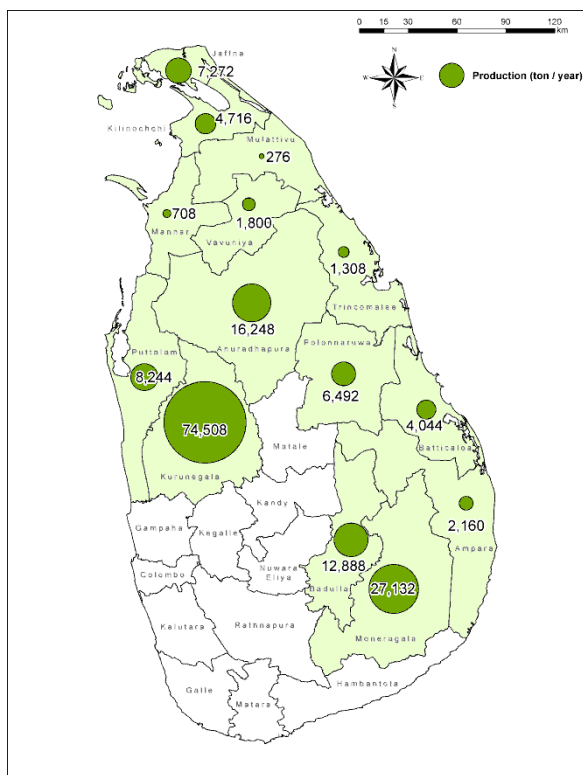
Figure A 3.13 Distribution of major vegetable production in survey area.



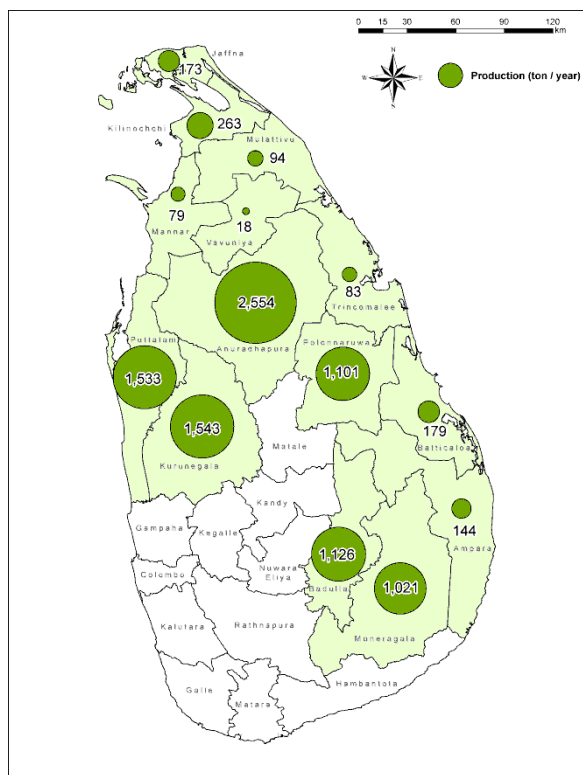
Mango



Pineapple



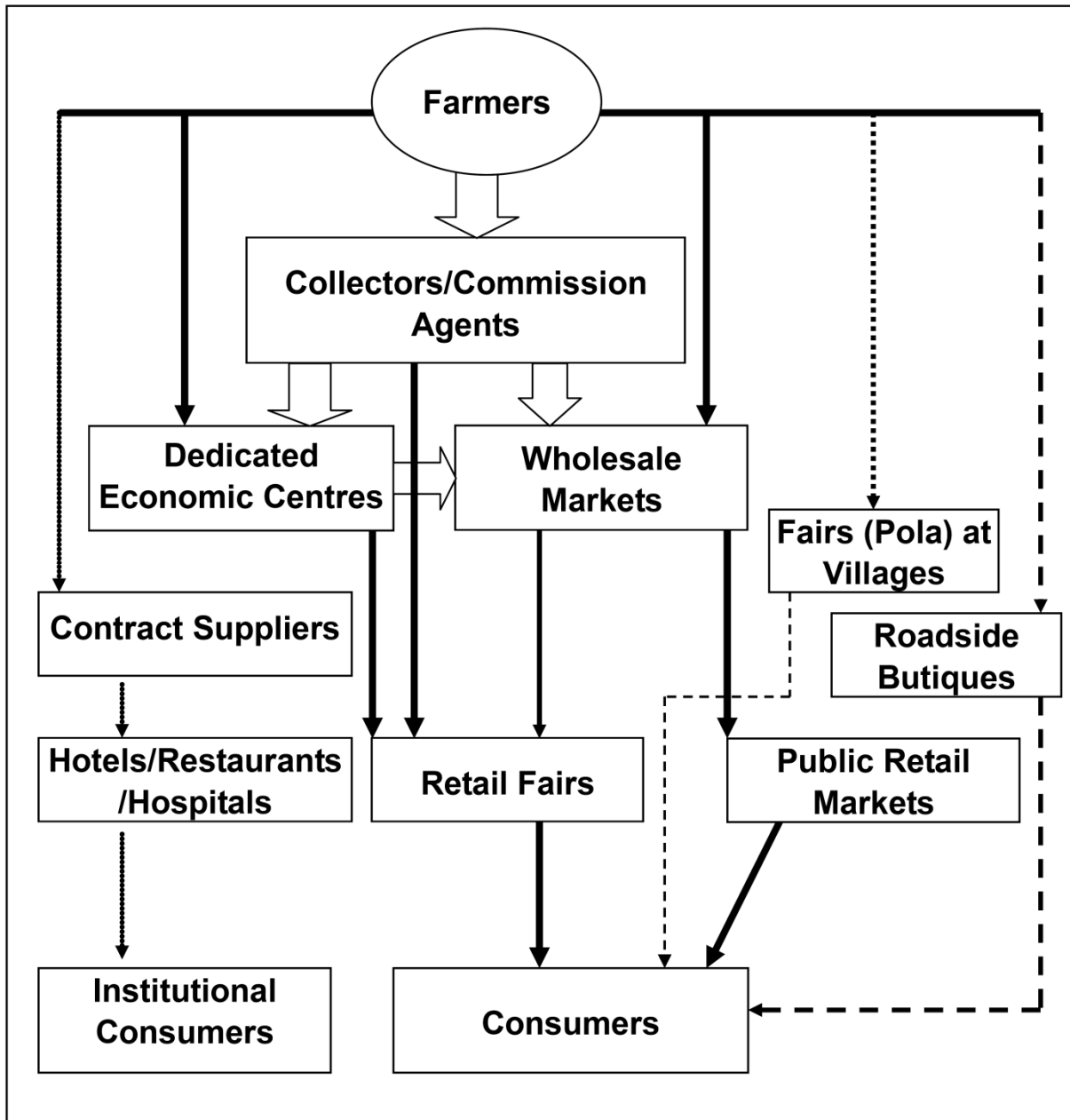
Banana



Papaw

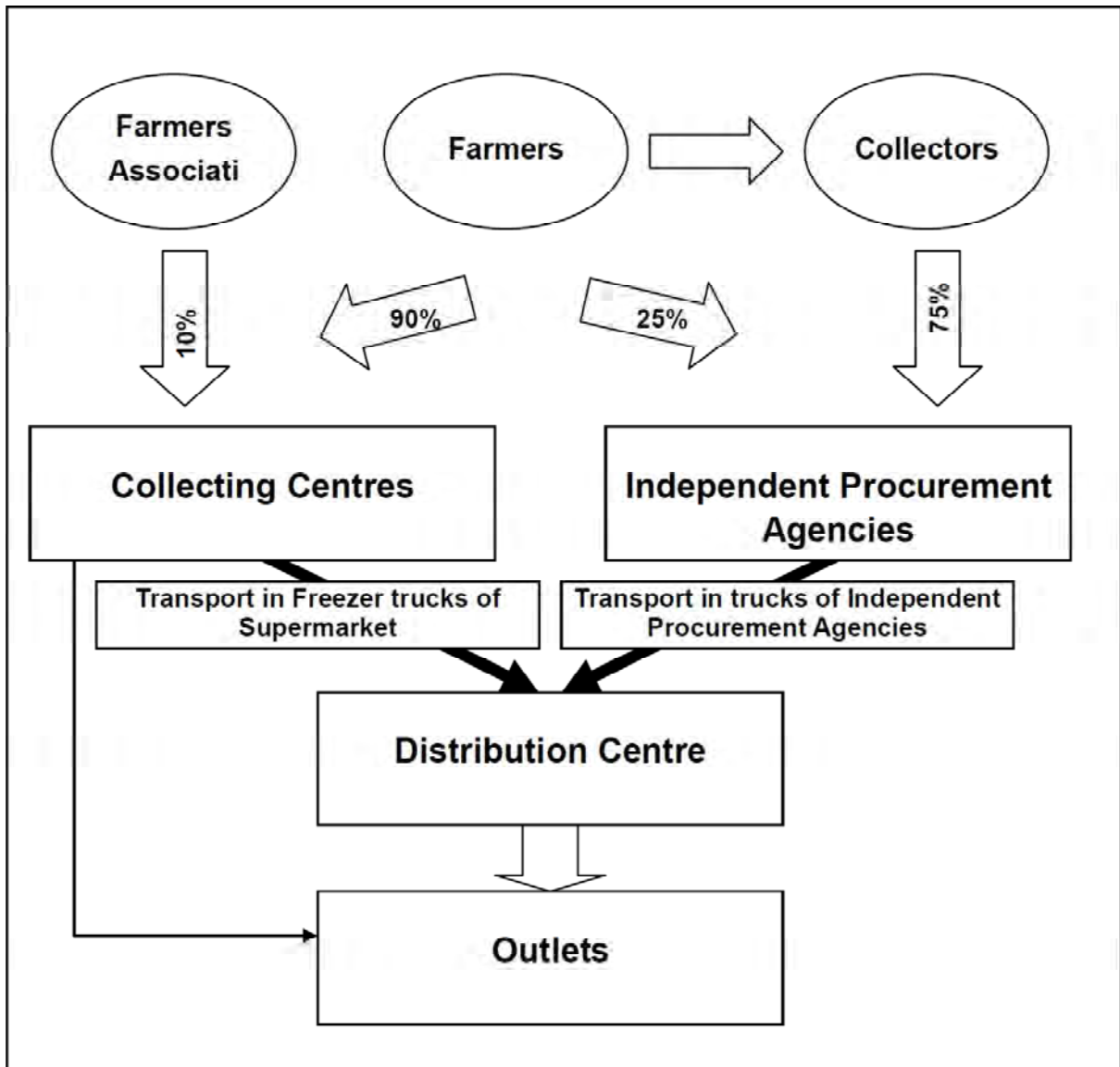
Source: Agricultural Profile 2006 HARTI

Figure A 3.14 Distribution of major fruit production in survey area.



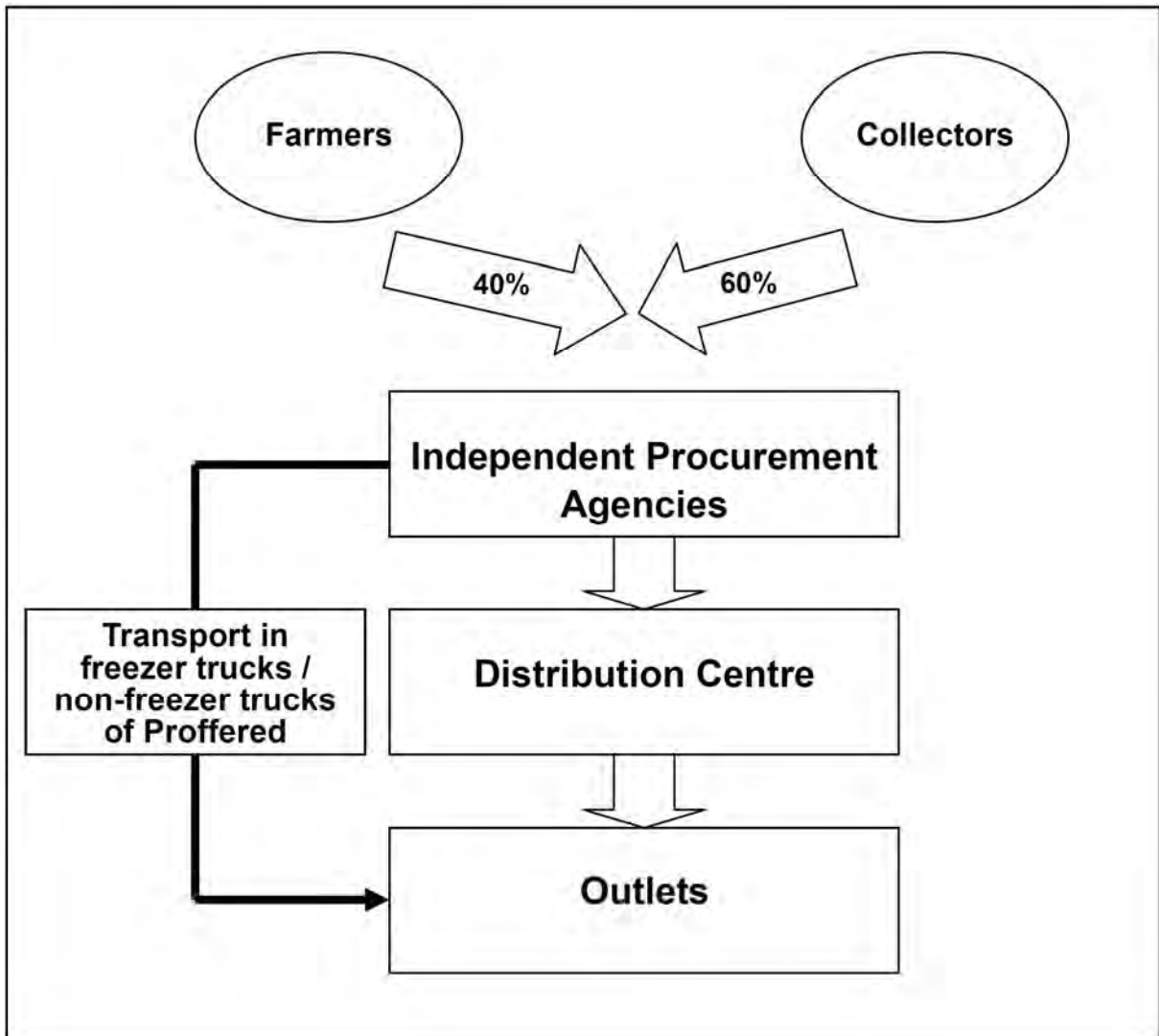
Source: "Marketing of Vegetables through Supermarkets: Implication of Procurement Practices for Farmers" Ruvini Vidanapathirana et al, HARTI, 2011

Figure A 3.15 Traditional Vegetable Supply Chains in Sri Lanka



Source: "Marketing of Vegetables through Supermarkets: Implication of Procurement Practices for Farmers" Ruvini Vidanapathirana et al, HARTI, 2011

Figure A 3.16 Procurement and Distribution of Vegetable by Leading Supermarkets in Sri Lanka



Source: "Marketing of Vegetables through Supermarkets: Implication of Procurement Practices for Farmers" Ruvini Vidanapathirana et al, HARTI, 2011

Figure A 3.17 Procurement and Distribution of Vegetable by Leading Supermarkets in Sri Lanka

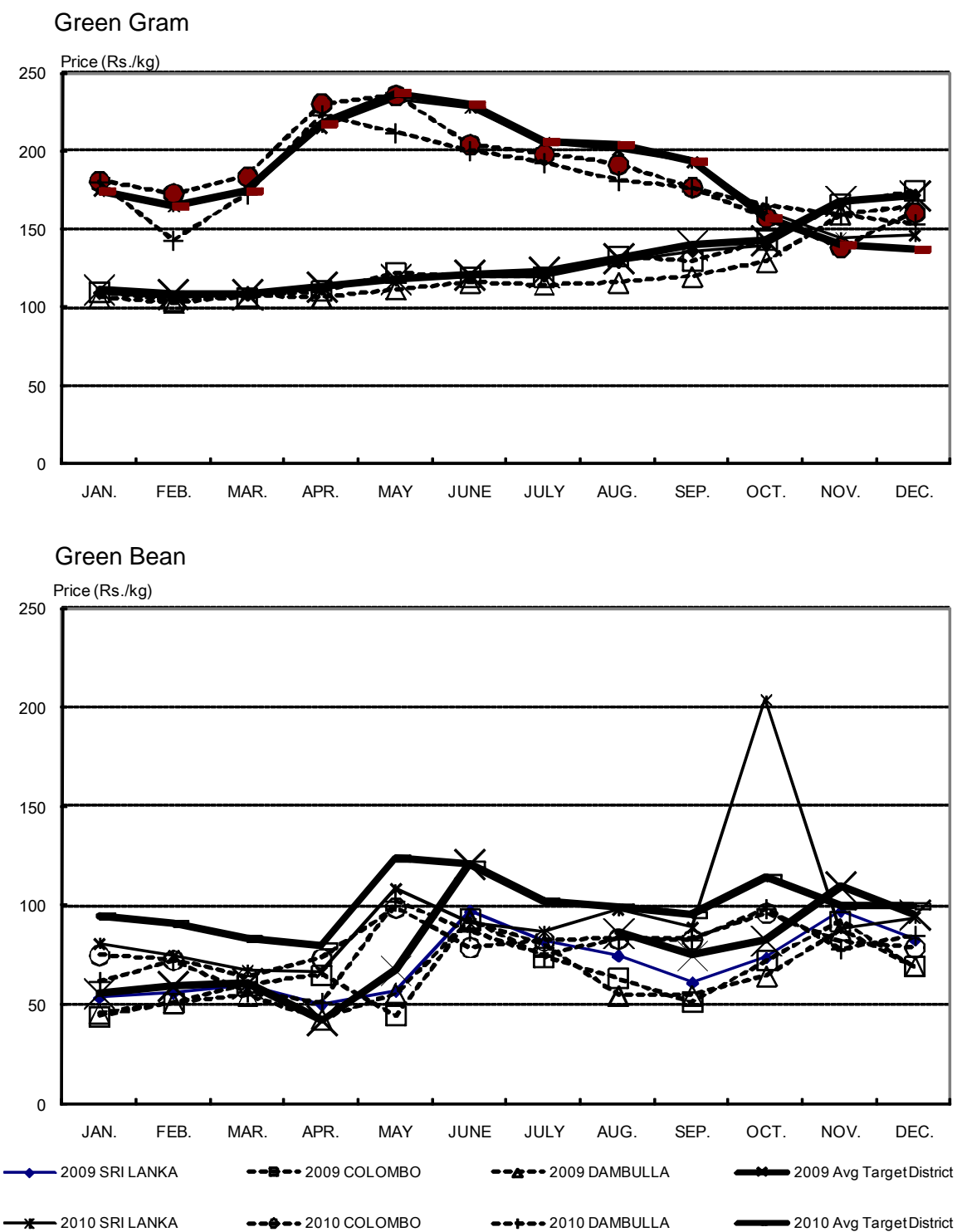
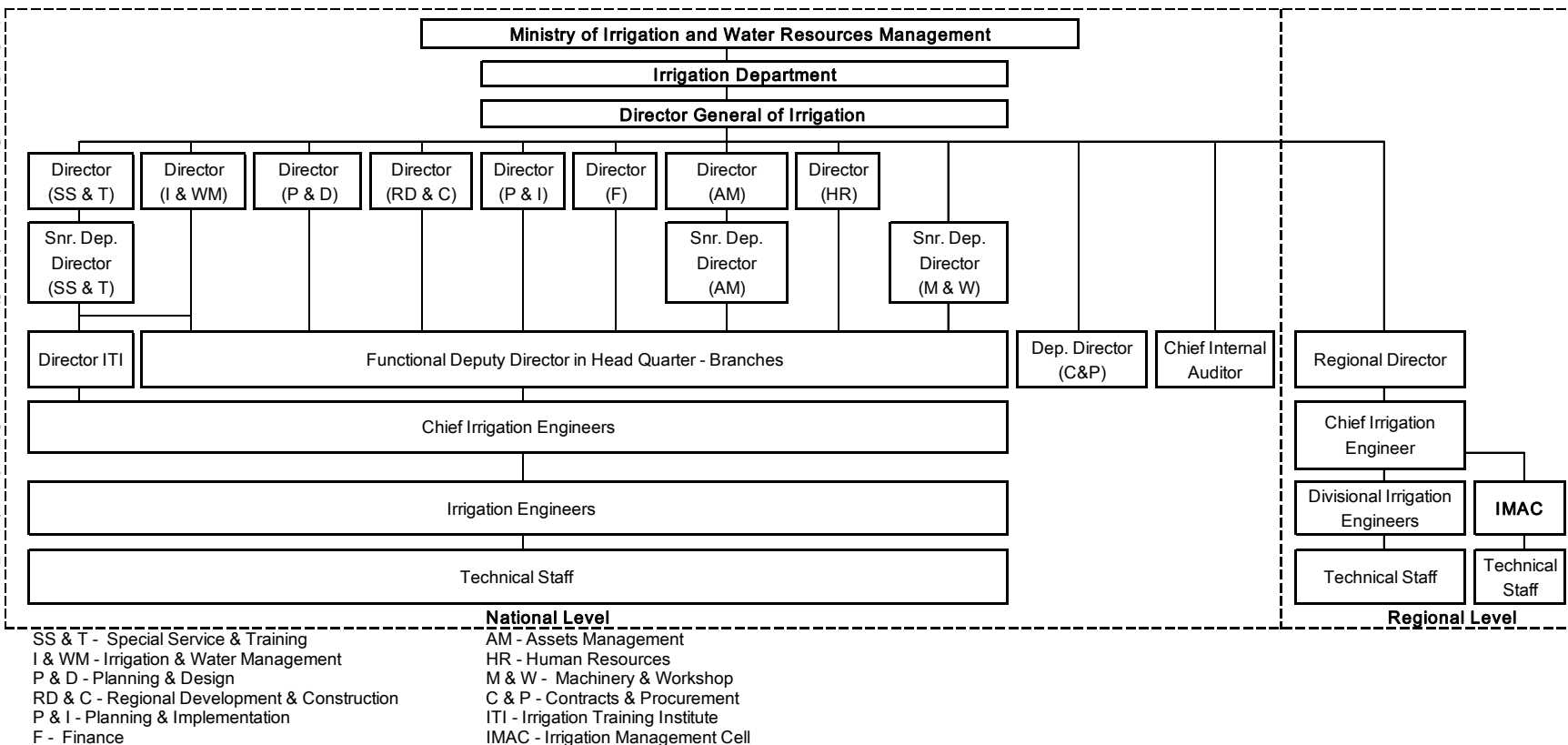


Figure A 3.18 Wholesale Price of OFC at Major Market

Figure A 3.19 Organization Structure of Irrigation Department



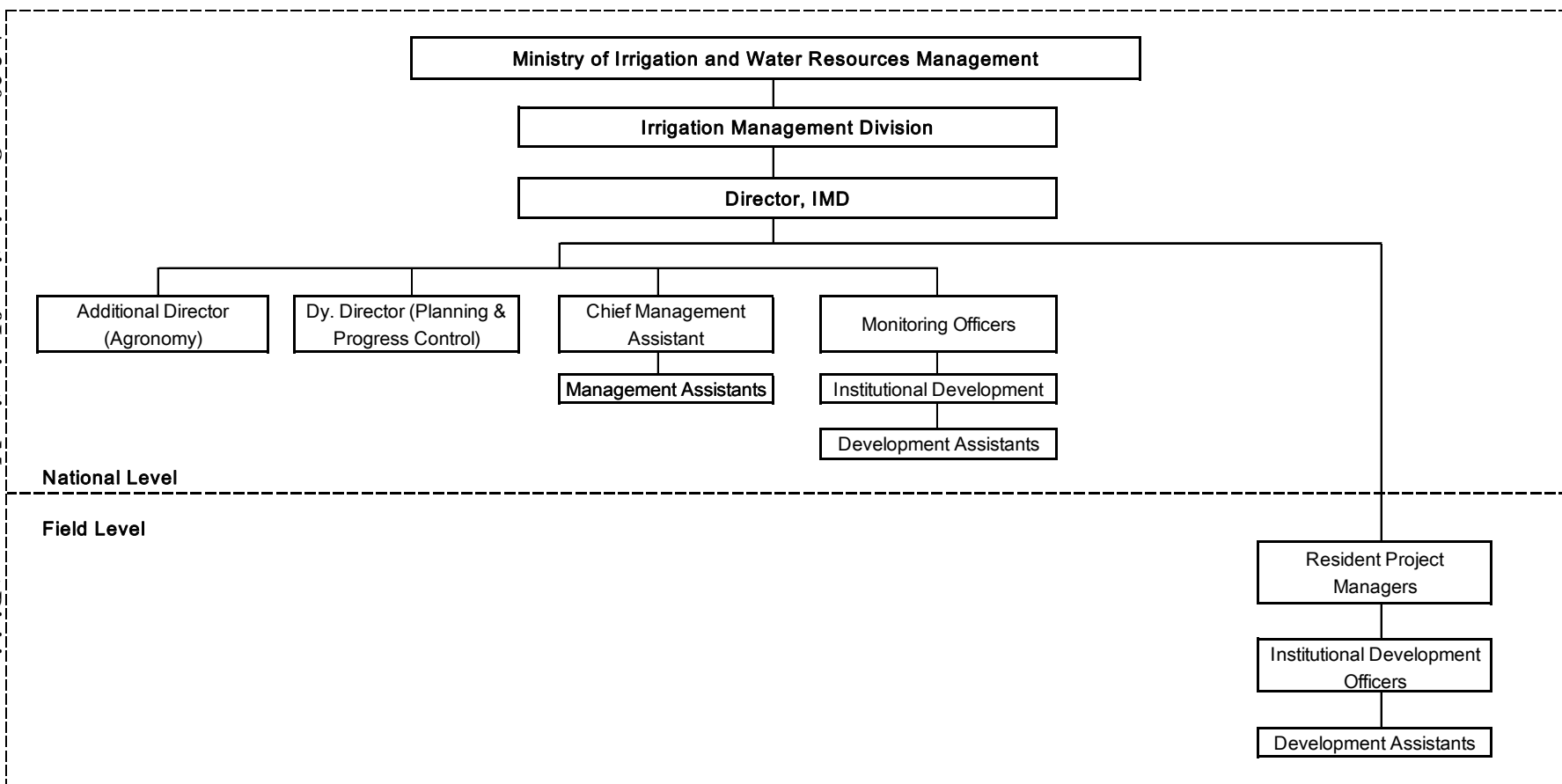
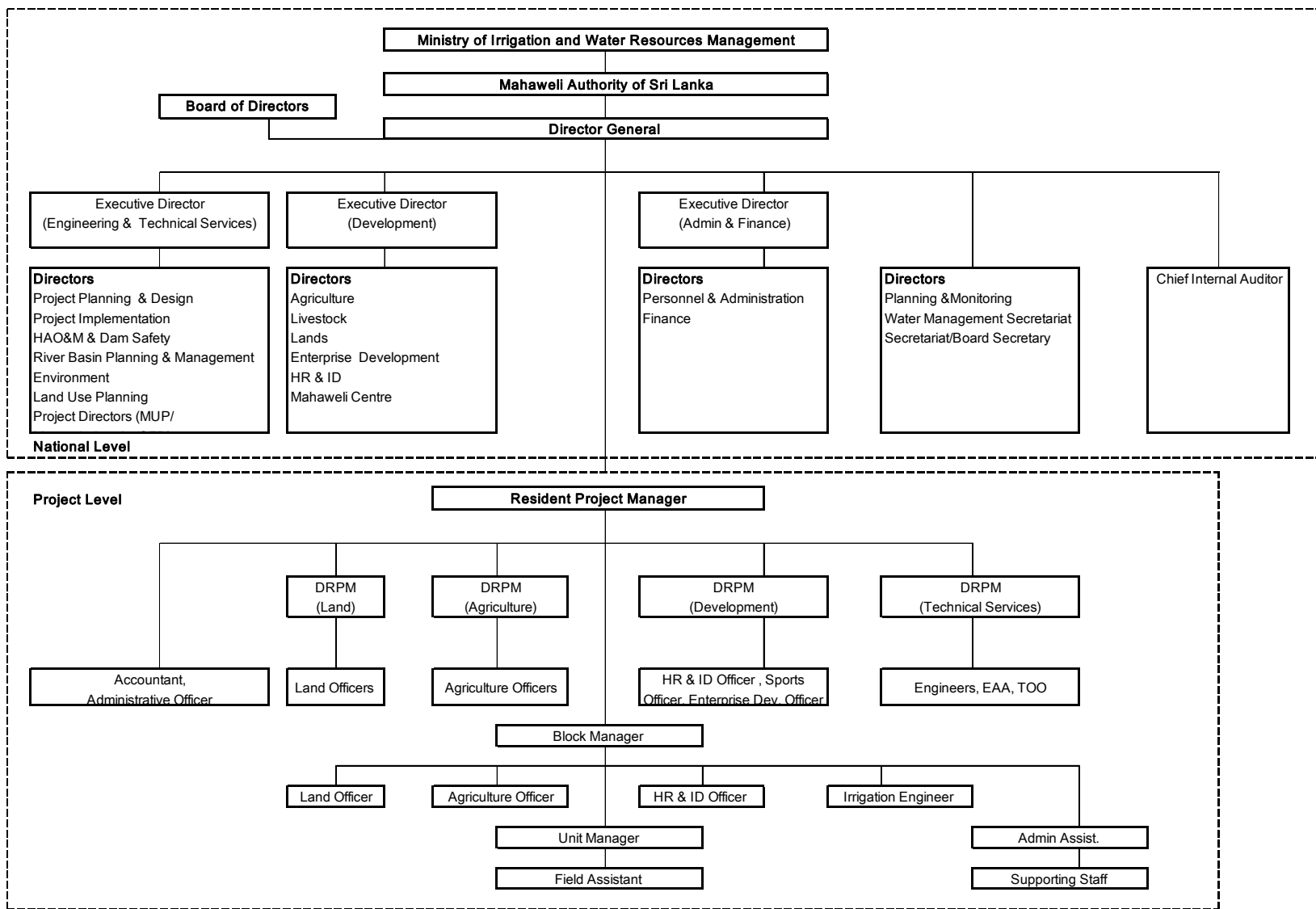


Figure A 3.20 Organization of Irrigation Management Division

Figure A 3.21 Organization Structure of Mahaweli Authority of Sri Lanka



HAO&M - Head Works Administration, Operation & Maintenance
 HRID - Human Resources & Institutional Development

MUP - Mahaweli Upgrading Project
 SFD - Saudi Fund

EAA - Engineering Assistants
 TOO - Technical Officers

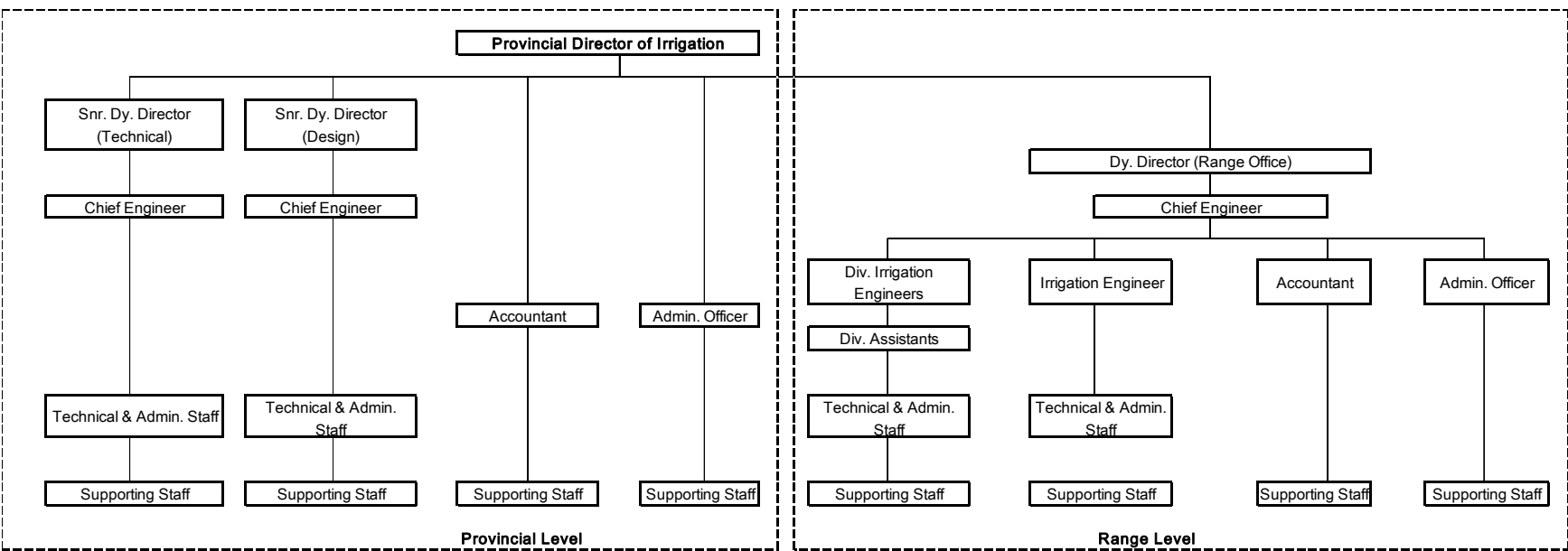
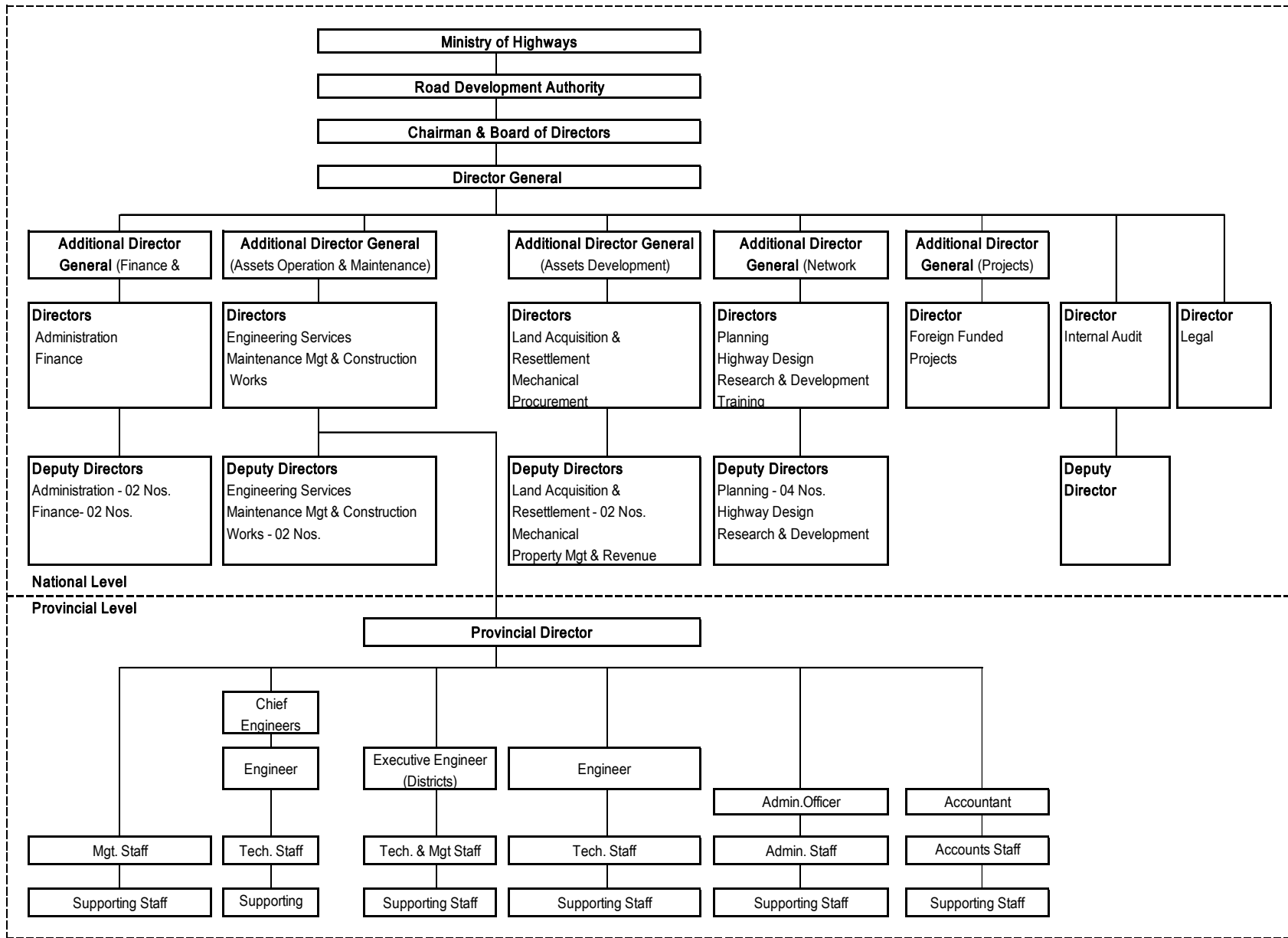


Figure A 3.22

Organization Structure of Provincial Irrigation Department

Figure A 3.23 Organization Structure of Road Development Authority



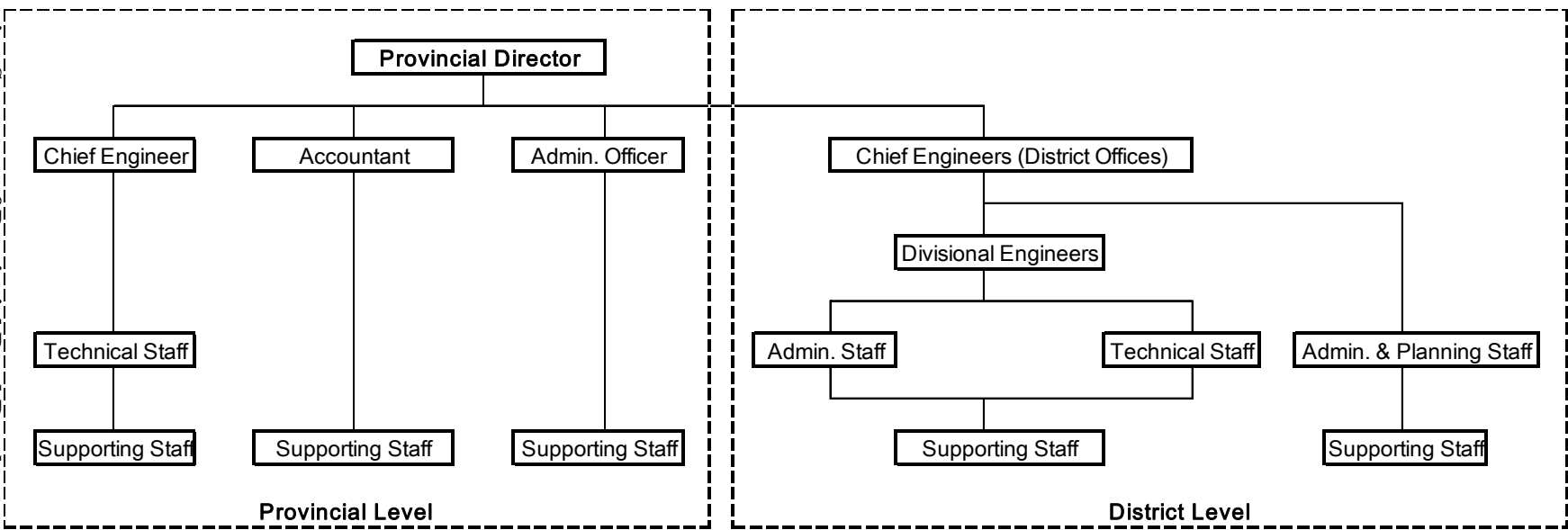
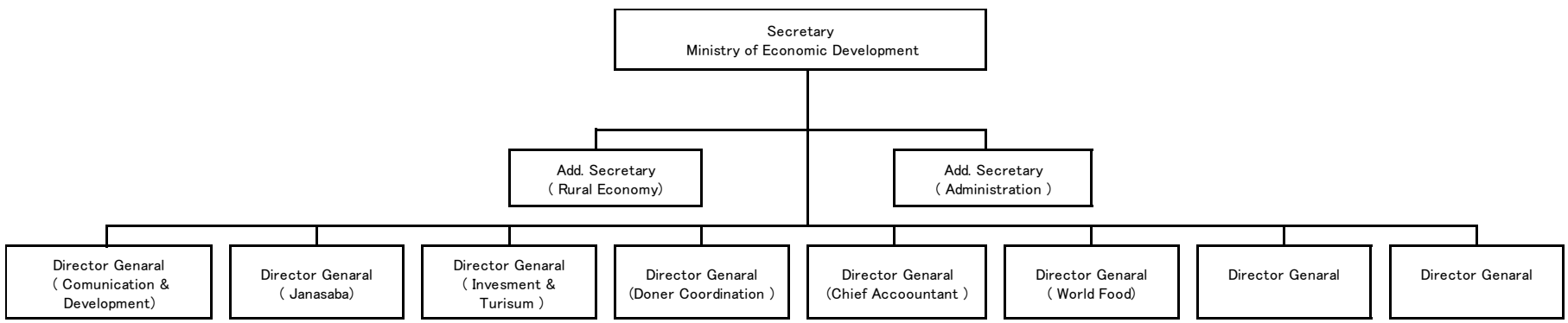
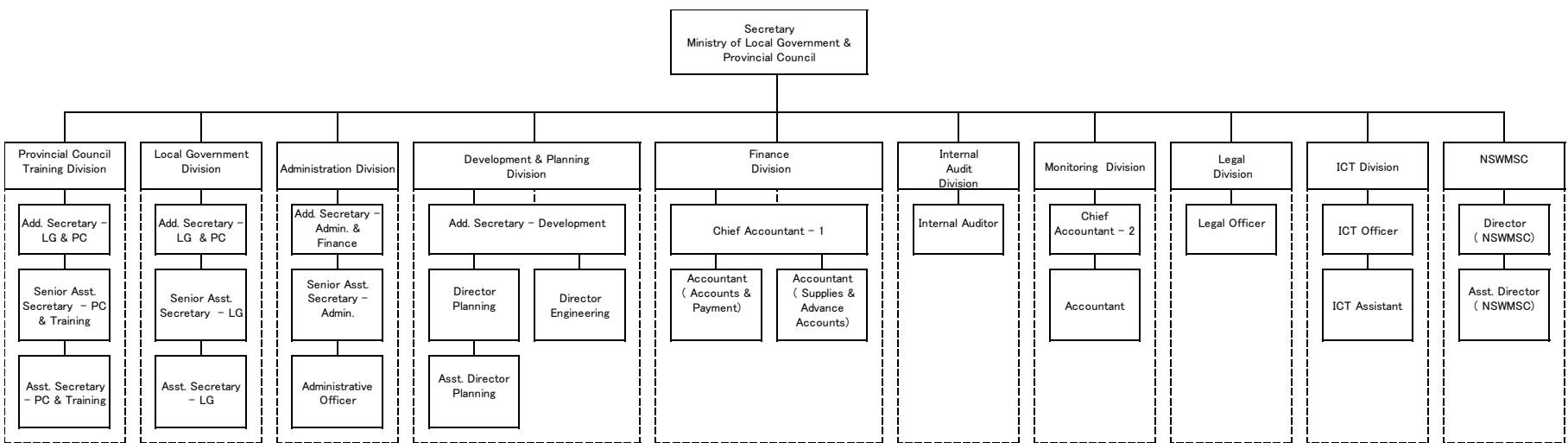


Figure A 3.24 Organization Structure of Provincial Road Development Department



Institution Under the Ministry				
Invest in Sri Lanka	Tourism	Regional Development	Rural Development	Empowering People
Board of Investment of Sri Lanka	Sri Lanka Convention Bureau Sri Lanka Tourism Development Authority Sri Lanka tuarism Promotion Bureau Sri Lanak Institute of Tourism & Hotel Management	Surthern Development Authority Udarata Development Authority Department of upcountry Peasantry Rehabilitation	Janasaba Gamanaguma	Department of Commissioner General of Smurdi

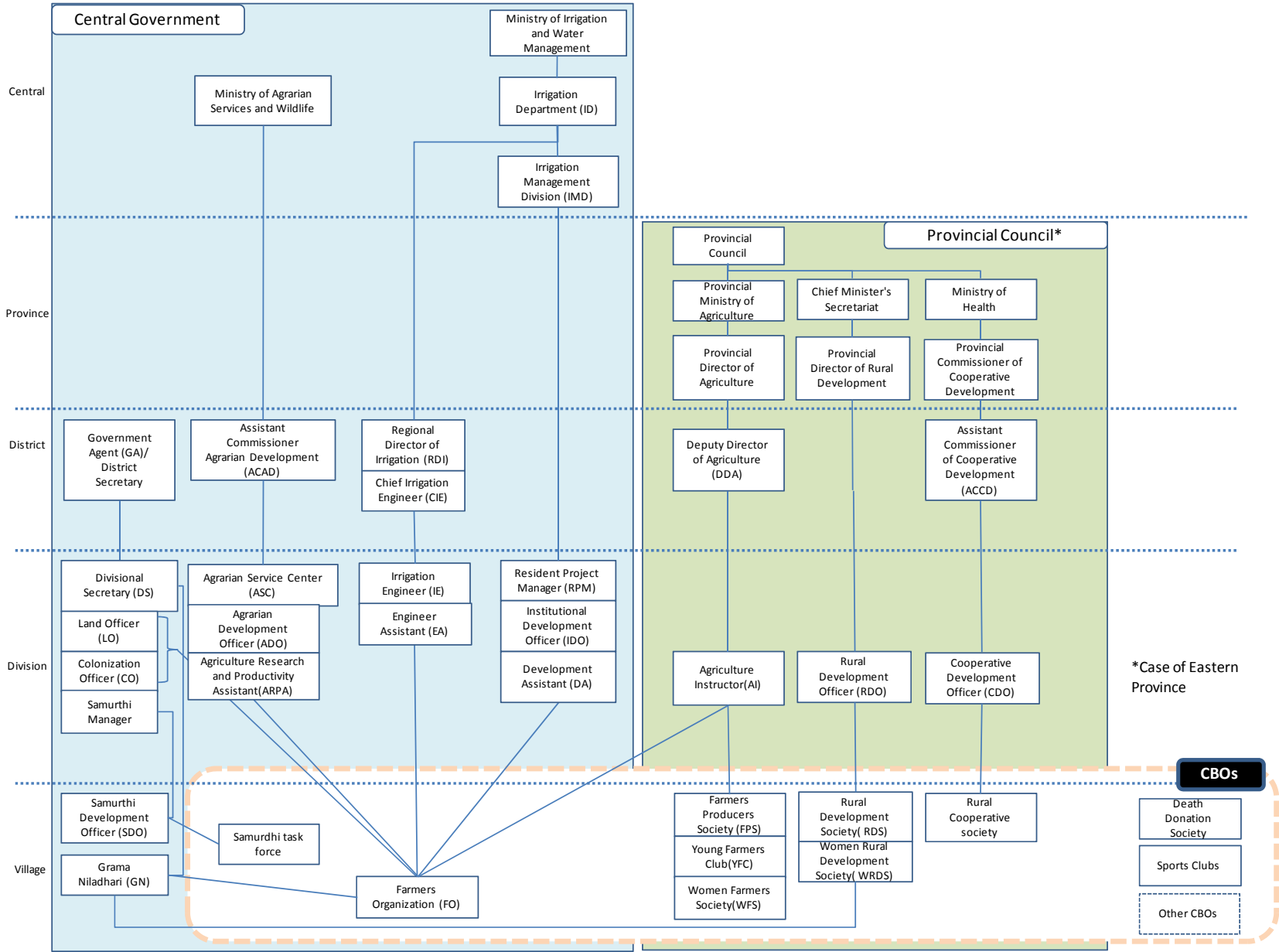
Figure A 3.25 Organization Structure of Ministry of Economic Development



LG - Local Government
PC - Provincial Council
ICT - Information & Communication Technology
NSWMSC - National Solid Waste Management Support Center

Figure A 3.26 Organization Structure of Ministry of Local Government & Provincial Council

Figure A 3.27 Structure of Government Agencies and Officials related to FOs and CBO



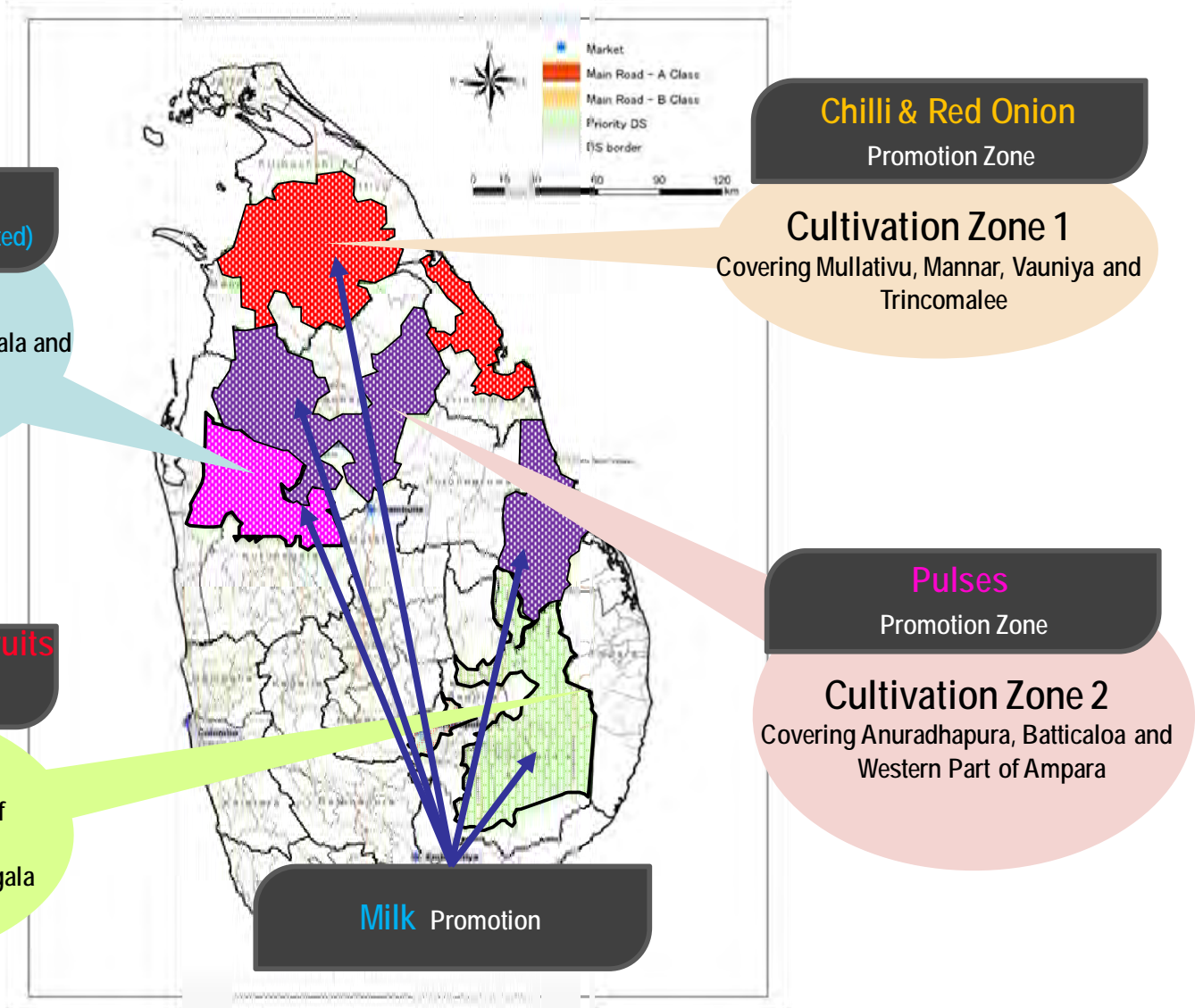


Figure A 4.1 Location Map of Cultivation Zone in Potential Area

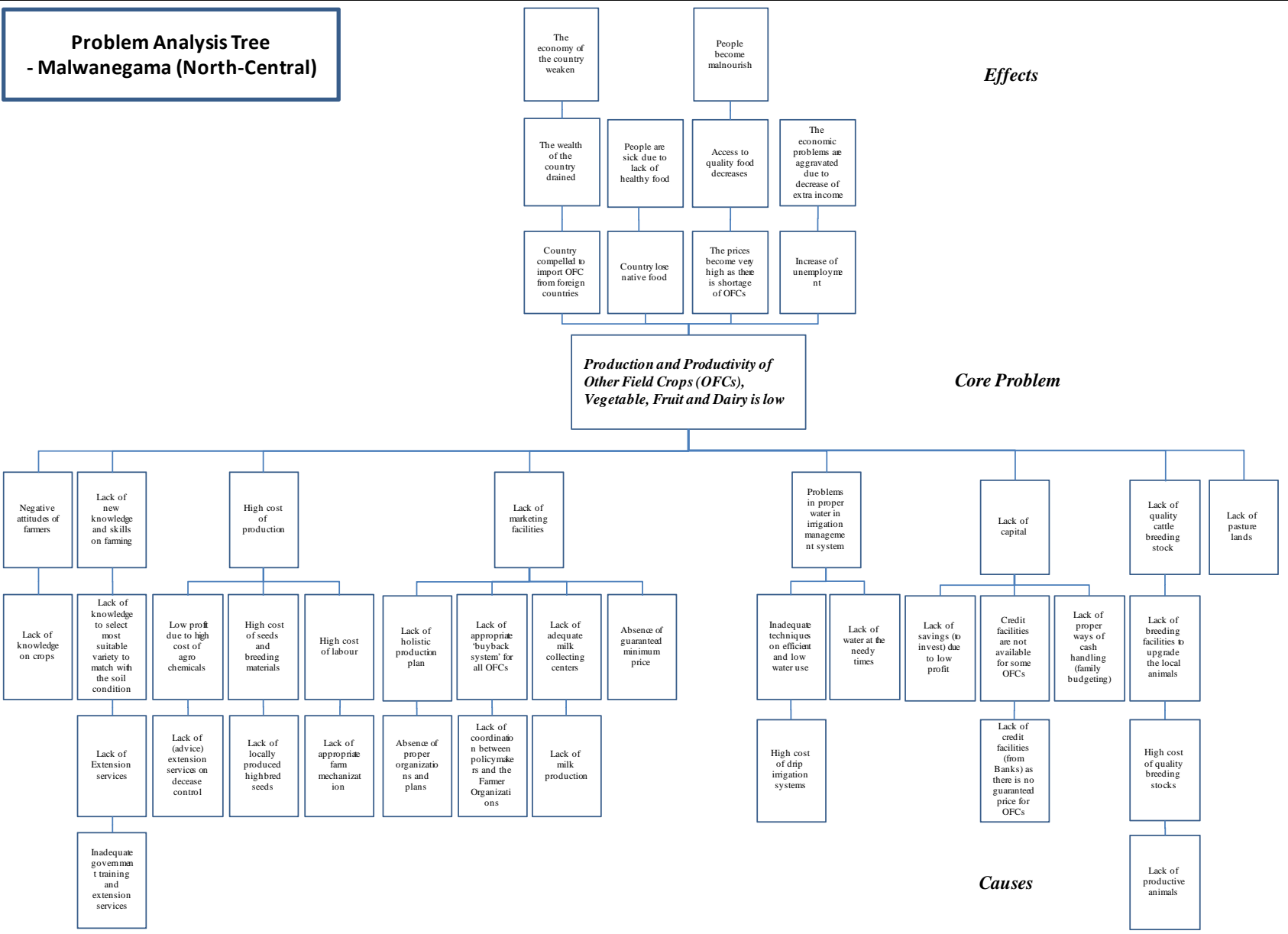


Figure A 4.2 Problem Tree Malwanegama (North-Central)

F 4-2

**Objective Analysis Tree
- Malwanagama (North-Central)**

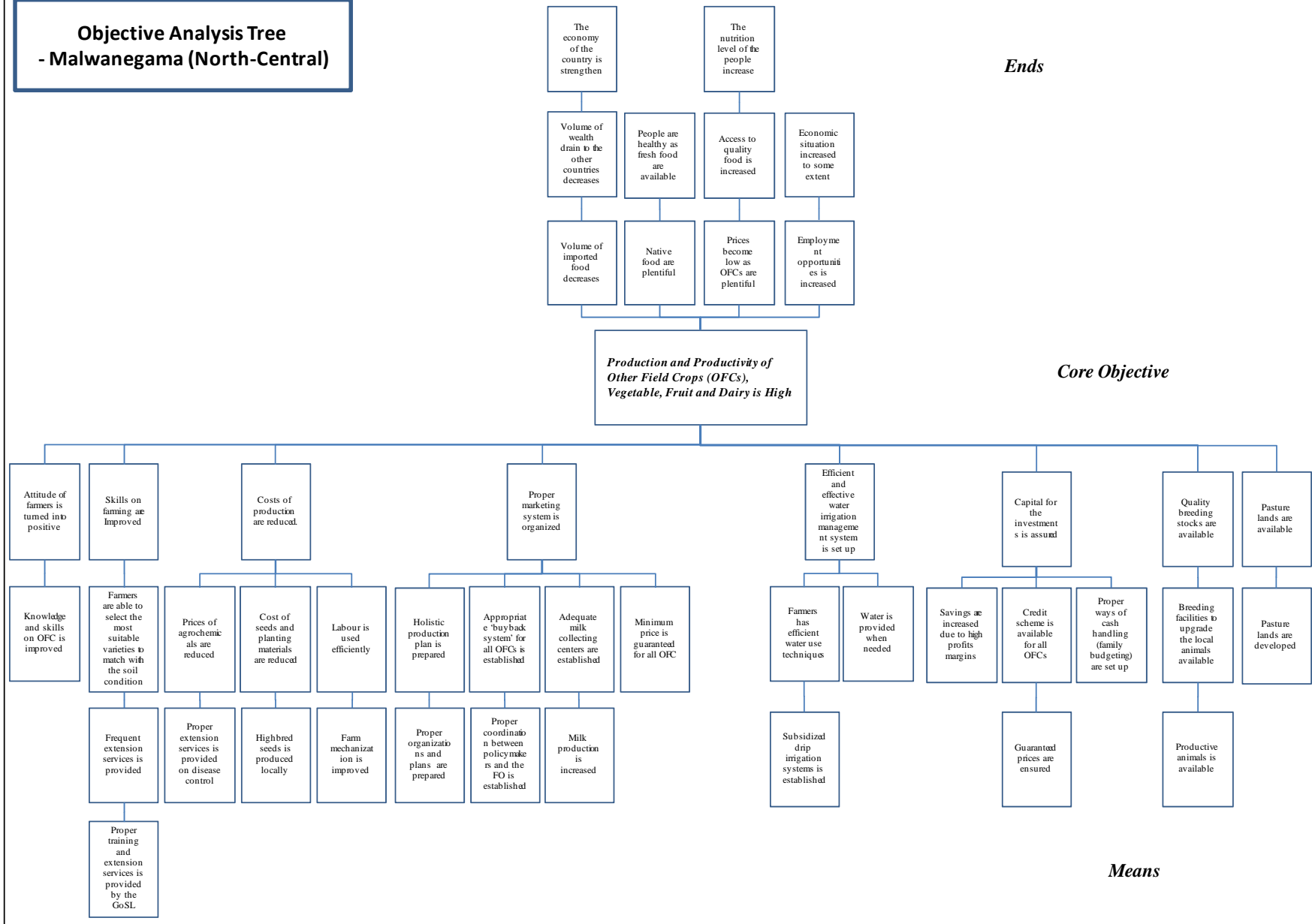


Figure A 4.3 Objective Tree Malwanagama (North-Central)

F-4-3

**Problem Analysis Tree
- Thiriyay (Eastern)**

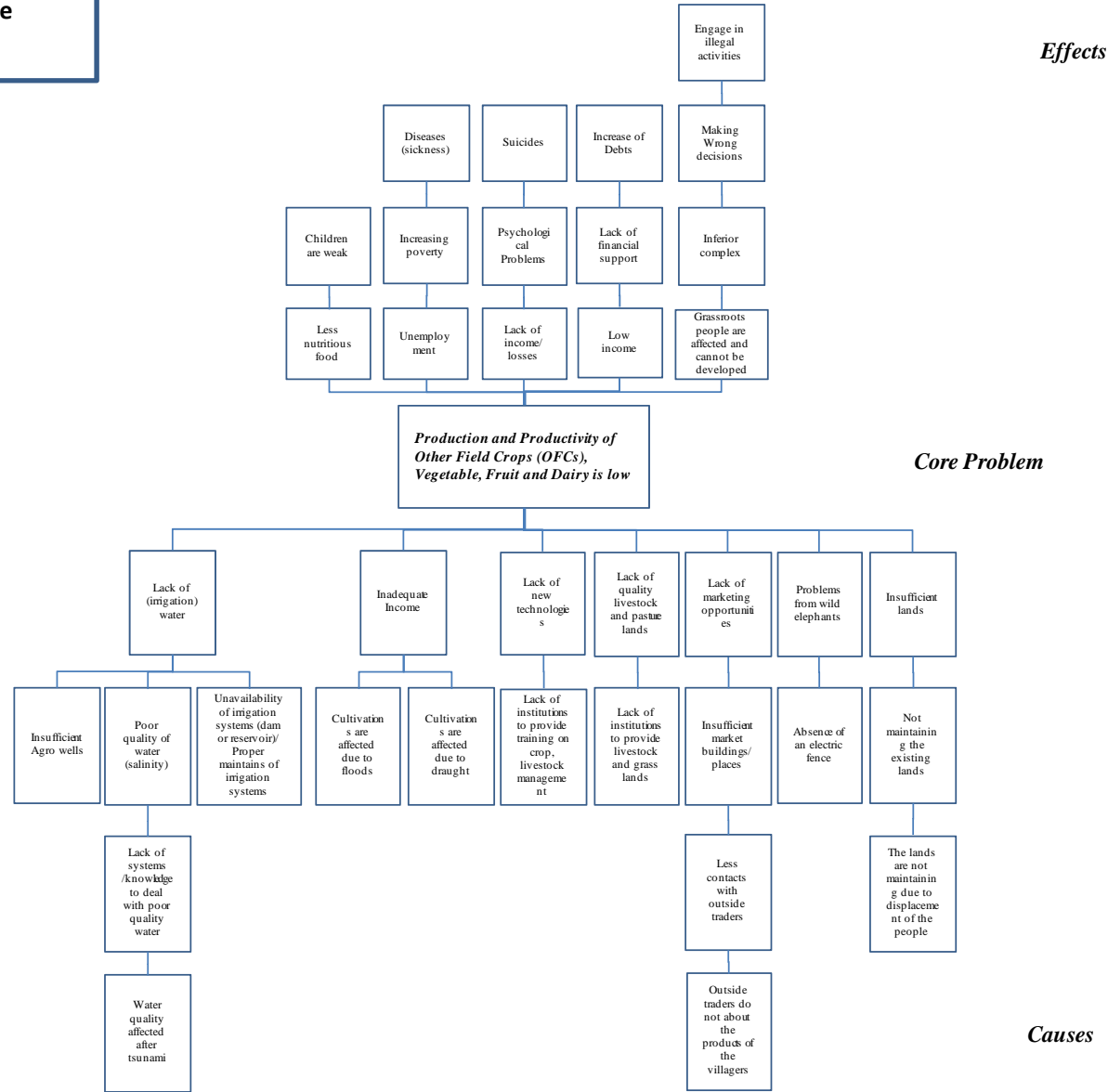
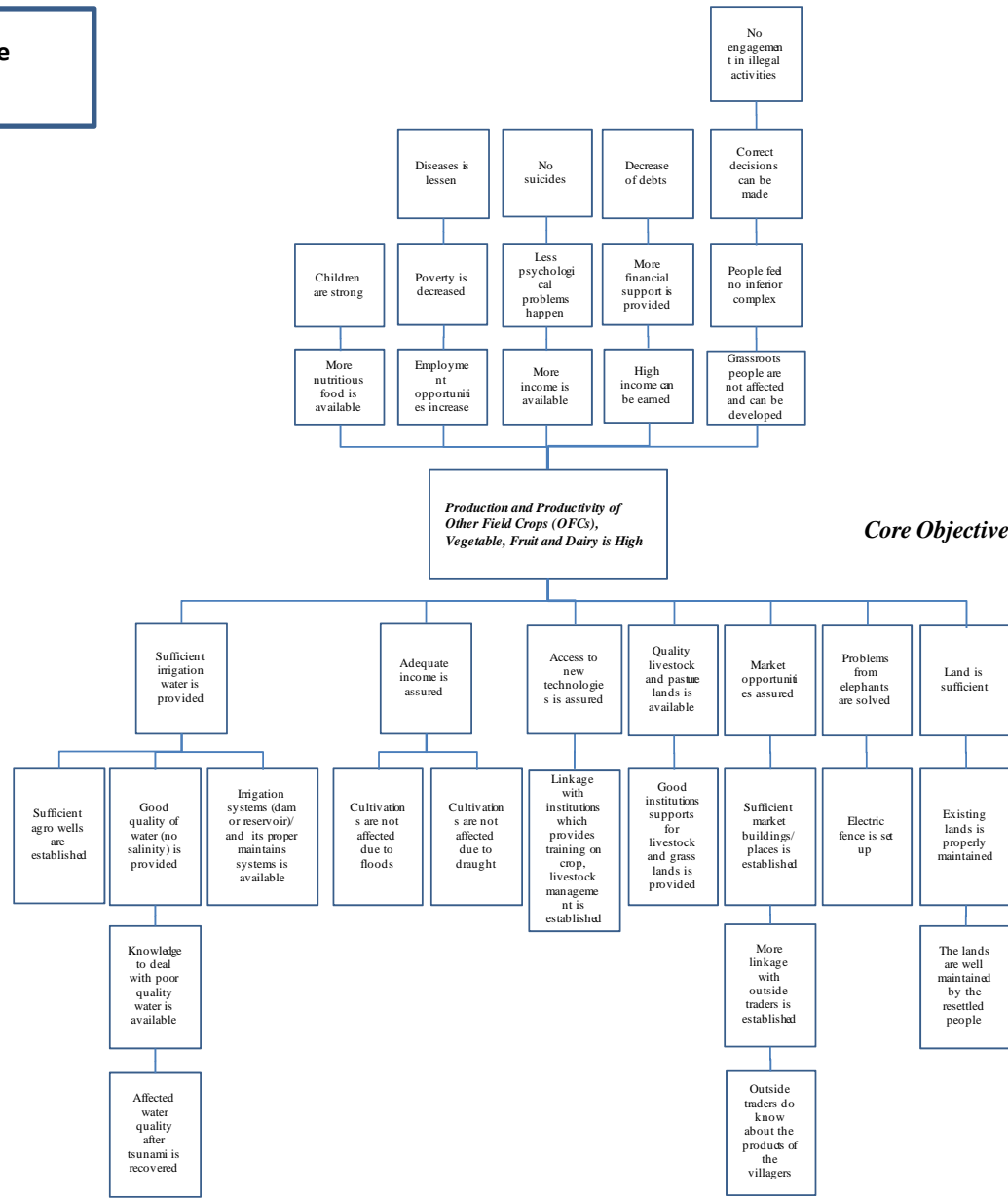


Figure A.4.4 Problem Tree Thiriyay (Eastern)

F.4.4

**Objective Analysis Tree
- Thiriyay (Eastern)**



Ends

Core Objective

Means

Figure A 4.5 Objective Tree Thiriyay (Eastern)

**Problem Analysis Tree
- Saliyawewa(North-Western)**

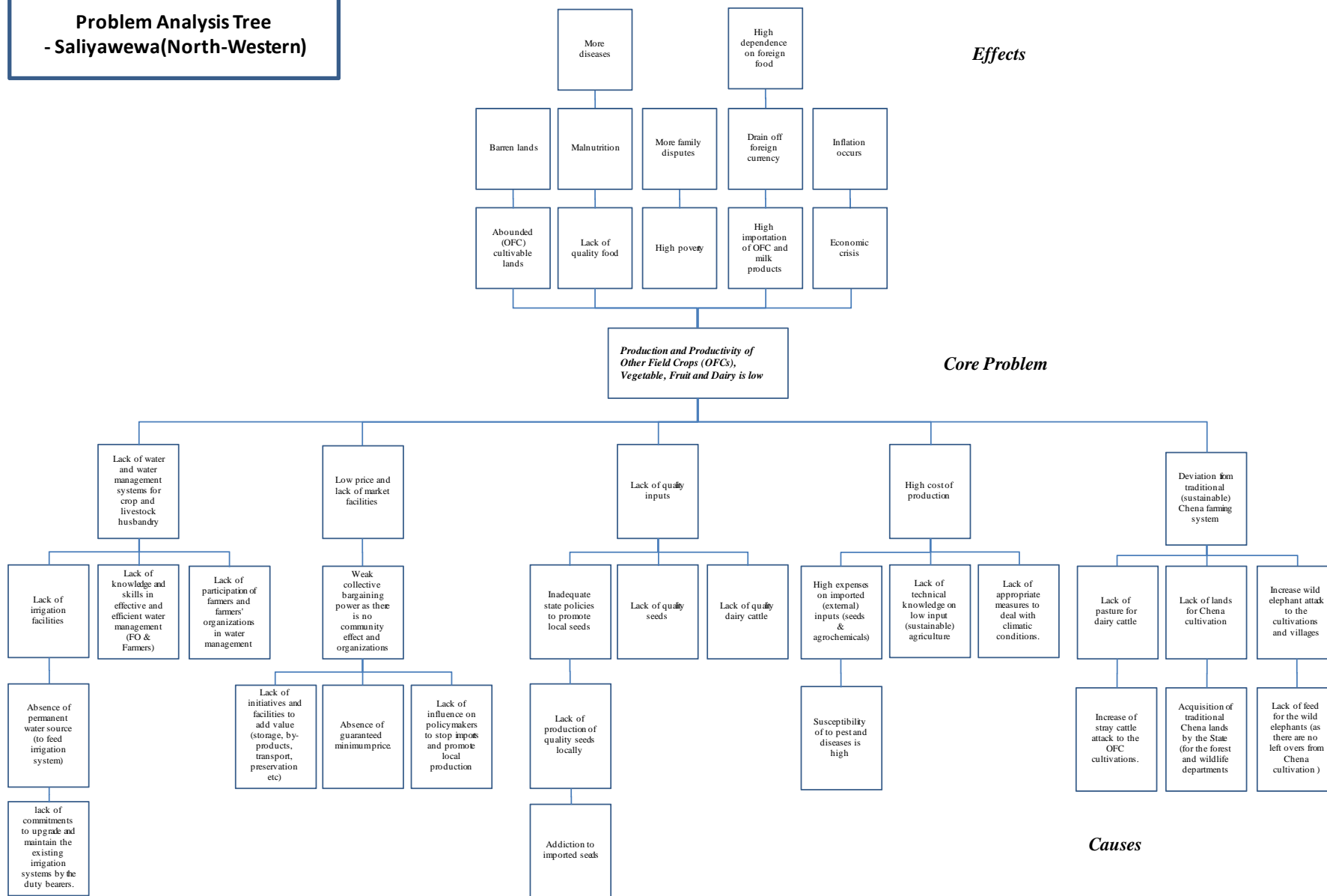


Figure A 4.6 Problem Tree Saliyawewa (North-Western)

**Objective Analysis Tree
- Saliyawewa(North-Western)**

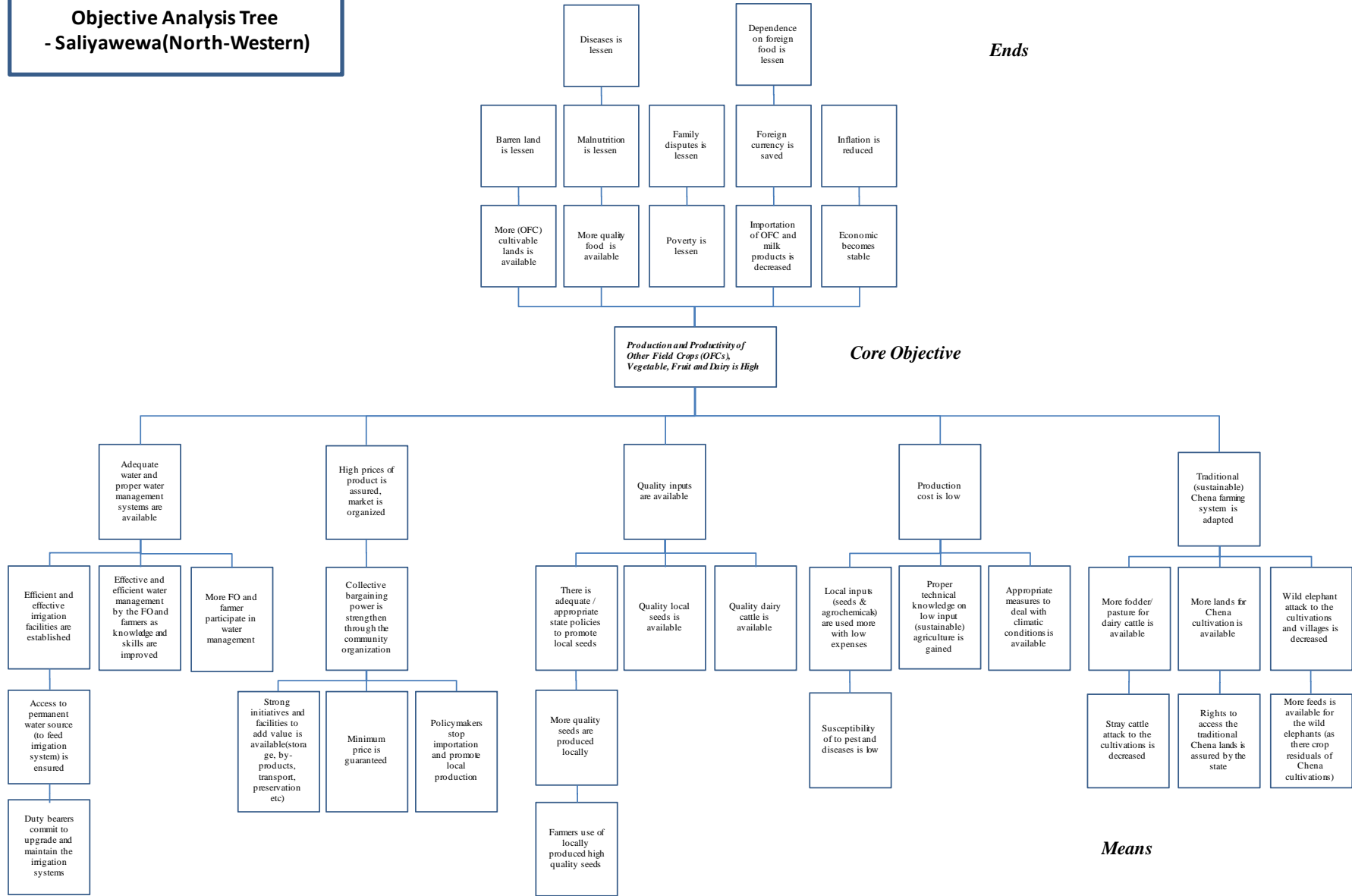
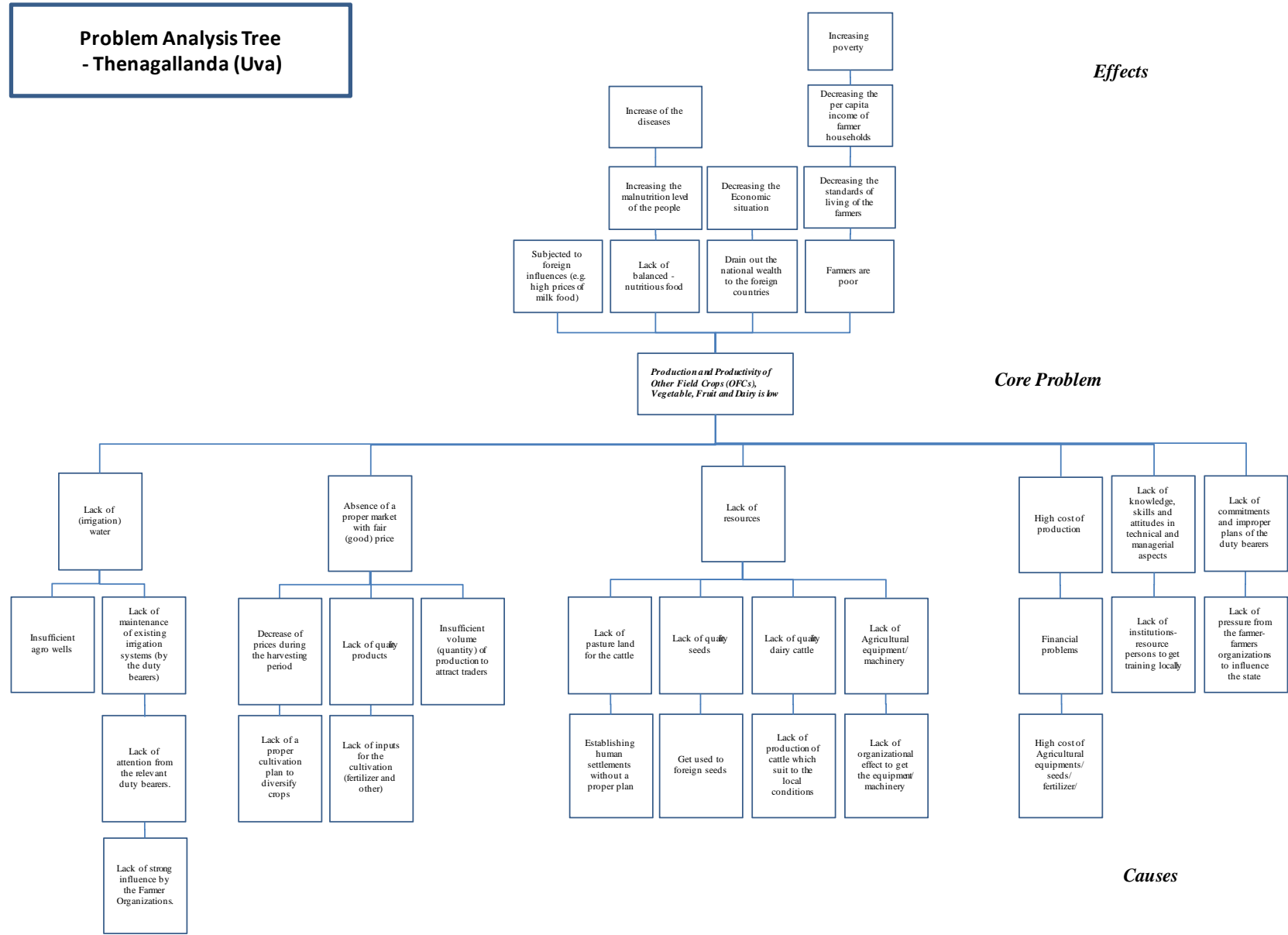


Figure A 4.7 Objective Tree Saliyawewa (North-Western)

F 4-7

**Problem Analysis Tree
- Thenagallanda (Uva)**



Effects

Core Problem

Causes

Figure A 4.8 Problem Tree Thenagallanda (Uva)

**Objective Analysis Tree
- Thenagallanda (Uva)**

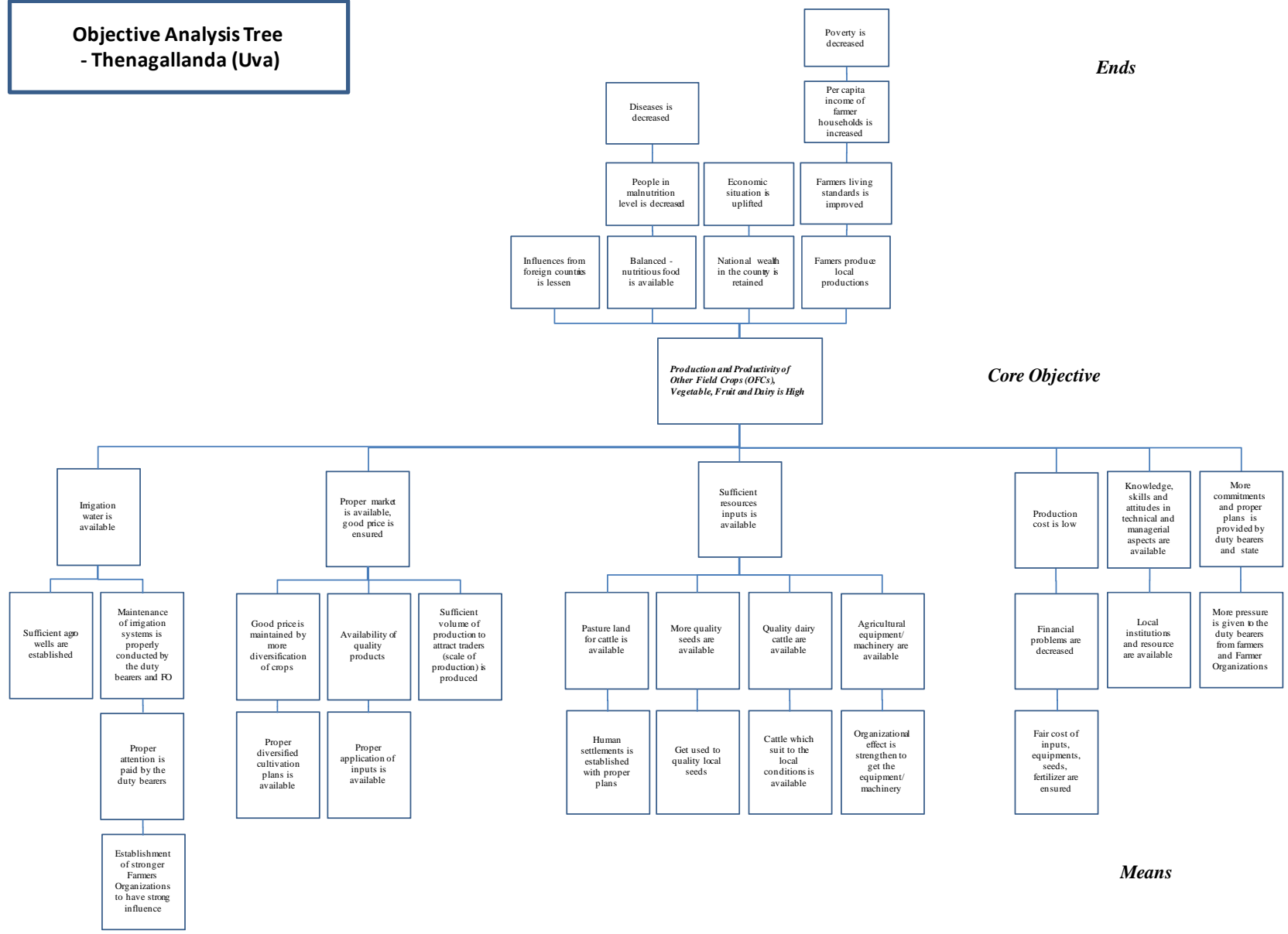
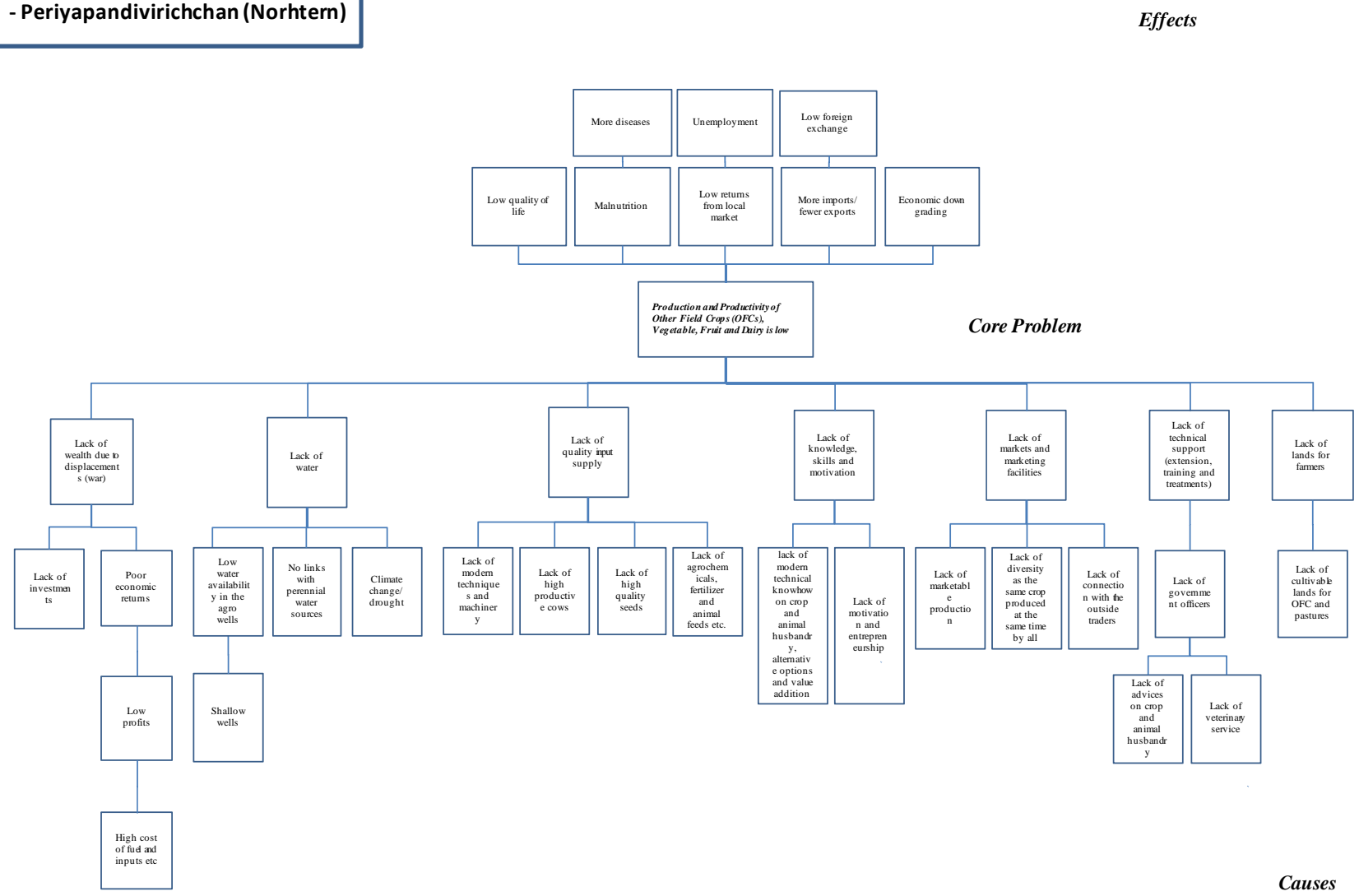


Figure A 4.9 Objective Tree Thenagallanda (Uva)

F 4.9

**Problem Analysis Tree
- Periyapandivirichchan (Northern)**



Effects

Core Problem

Causes

Figure A 4.10 Problem Tree Periyapandivirichchan (Northern)

F 4-10

**Objective Analysis Tree
- Periyapandivirichchan (Northern)**

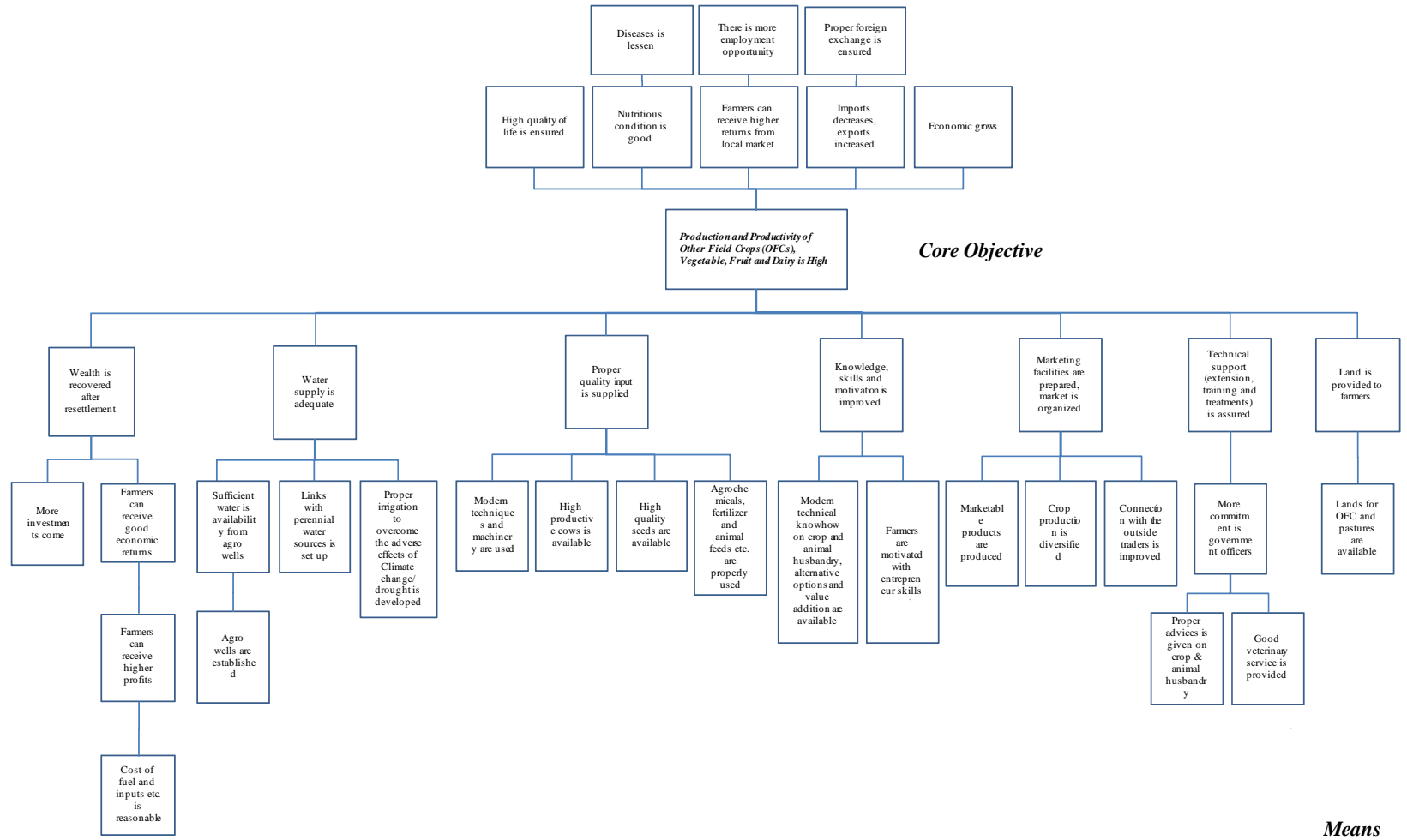


Figure A 4.11 Objective Tree Periyapandivirichchan (Northern)

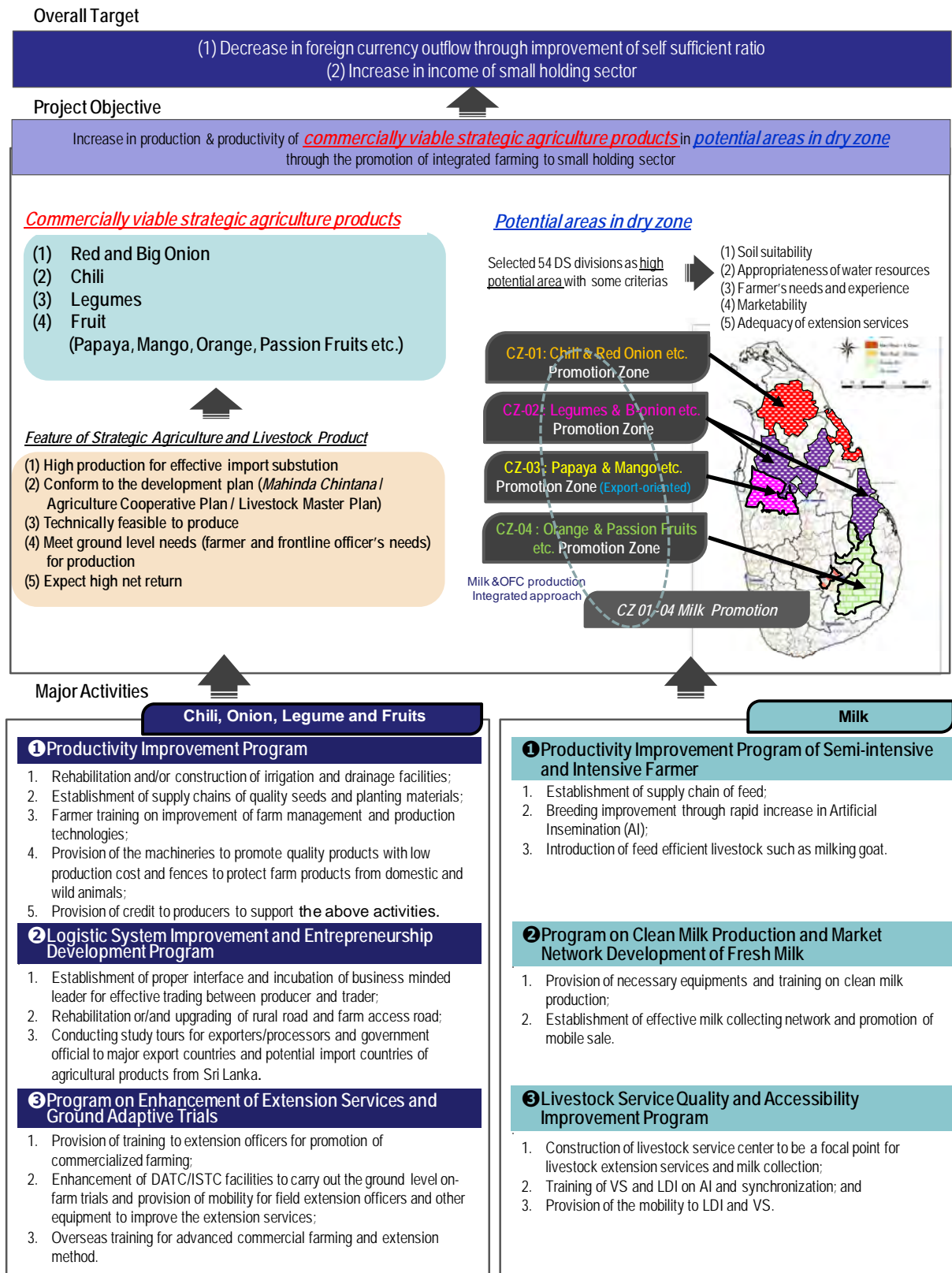


Figure A 4.12 Project Concept Summary