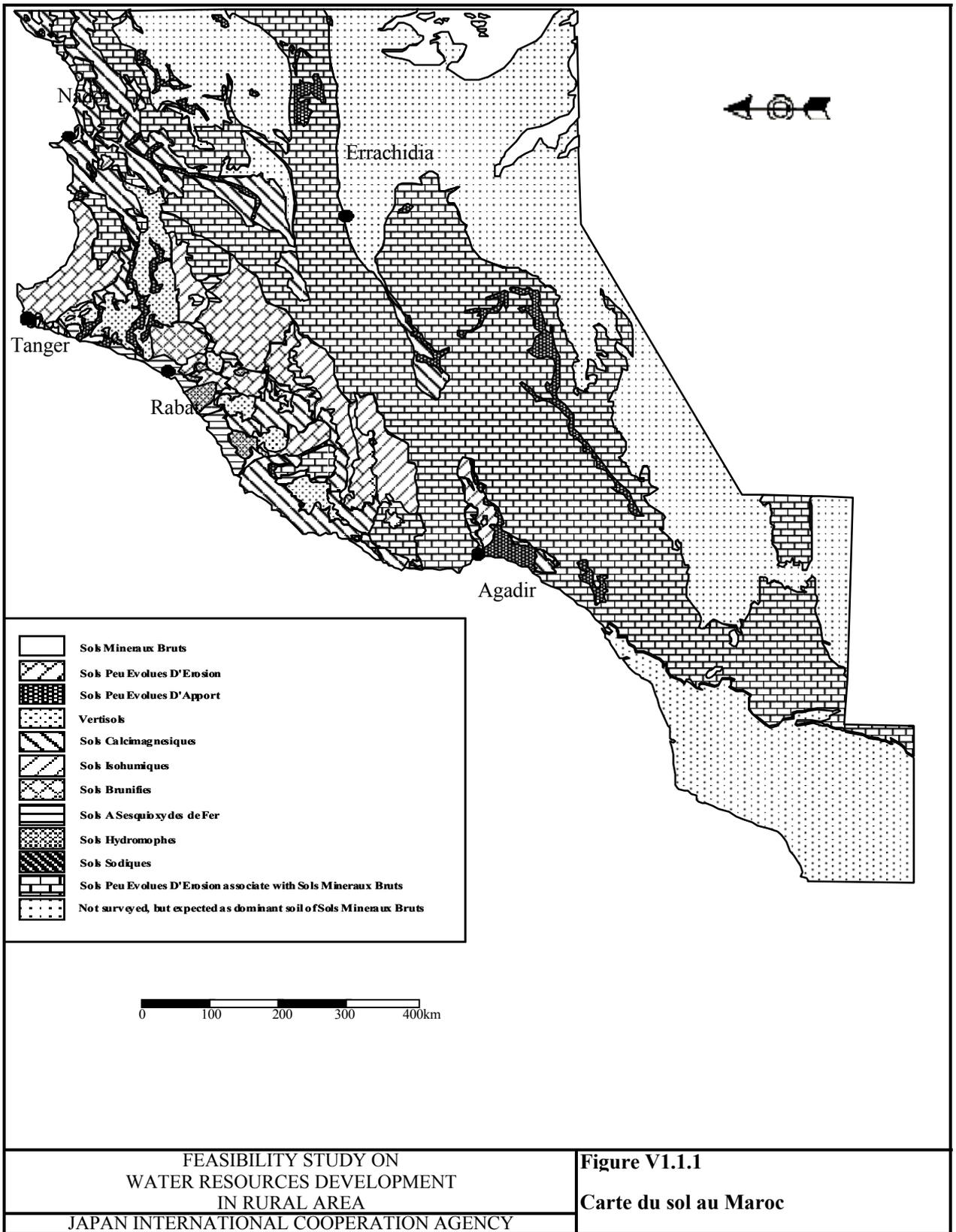


*L'étude de Faisabilité Pour Le Développement des Ressources En Eau
Par Les Barrages Moyens Dans Le Milieu Rurale Au
Royaume Maroc
Rapport Final
Volume III Rapport de Soutien (1) sur Étude de Base
Rapport de Soutien V
Sols, Agriculture et Irrigation*

Figures

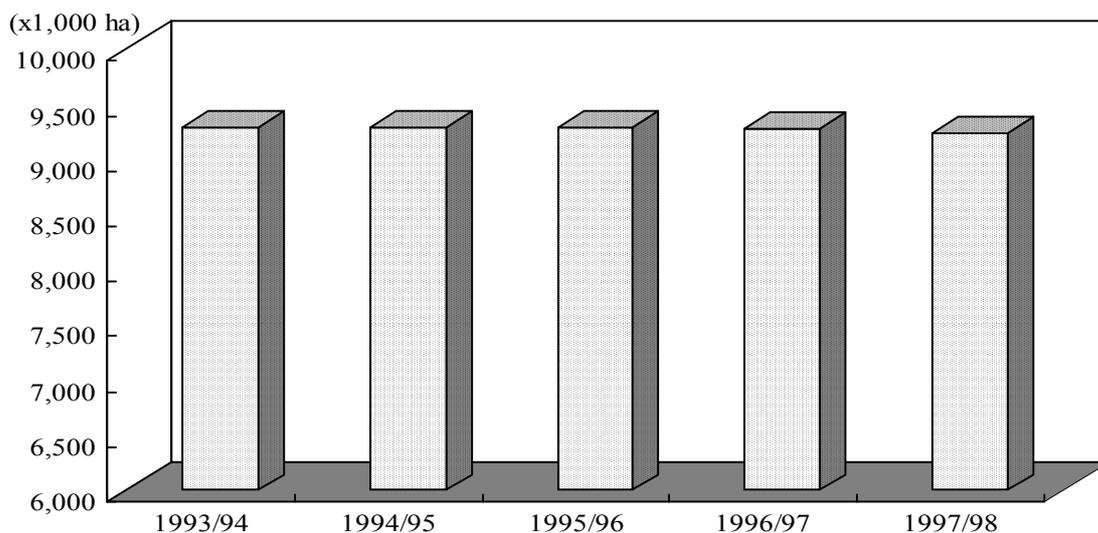


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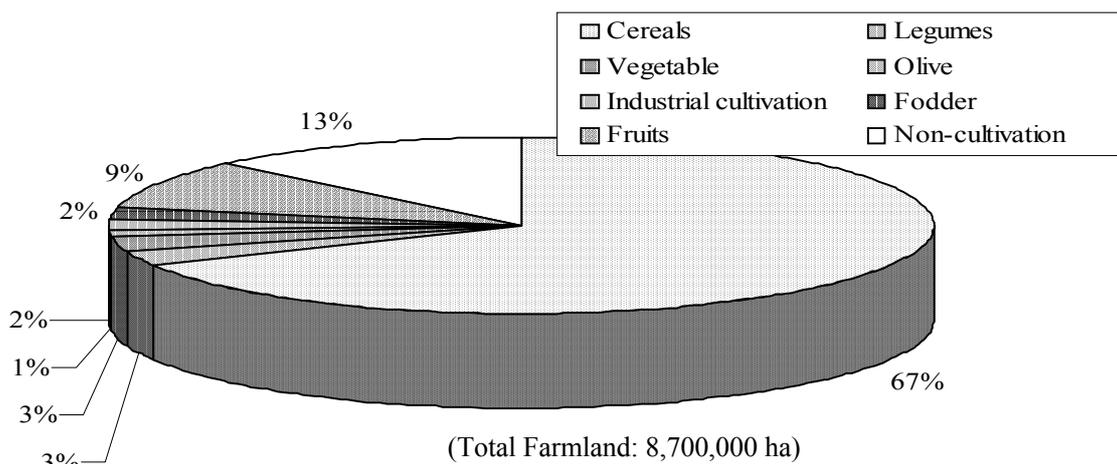
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Figure V1.1.1

Carte du sol au Maroc

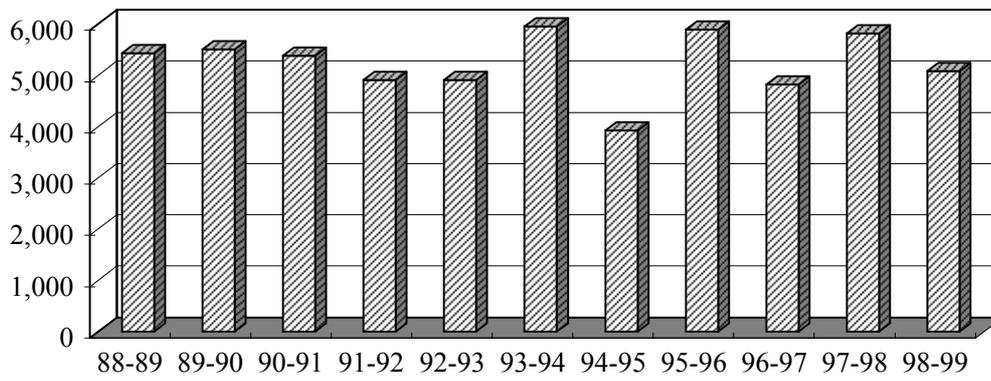


Source: Annuaire Statistique de Maroc 1999, Direction de la Statistique, Ministère de la Prevision Economique et de Plan

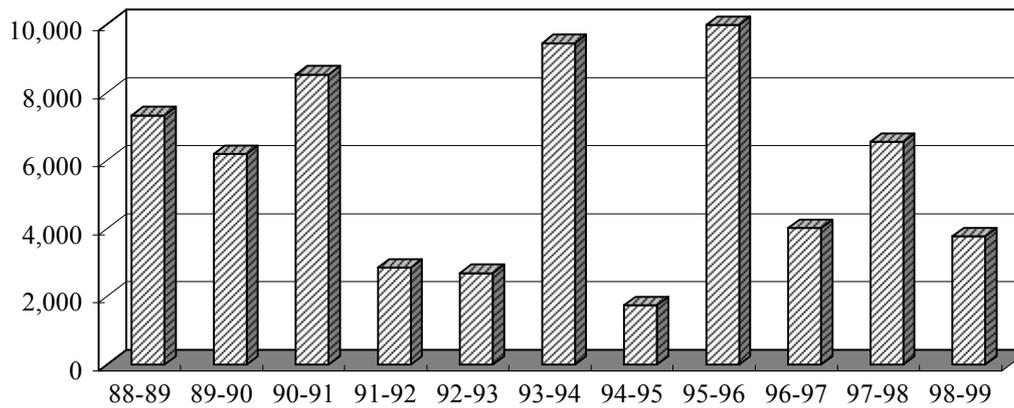


Source: Recensement General de l'Agriculture, Resultats par Commune, Ministère de l'Agriculture de Development Rural et des Peches Maritimes, Janvier 2000

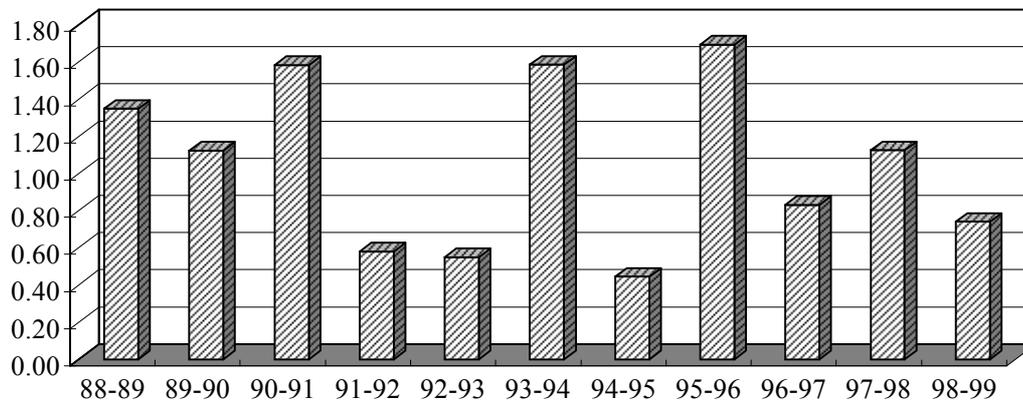
Figure V2.1.1
Total du sol cultivé et de l'occupation du sol (1993/94-1997/98)



Cultivated Area of Cereals in Morocco (x 1,000ha)

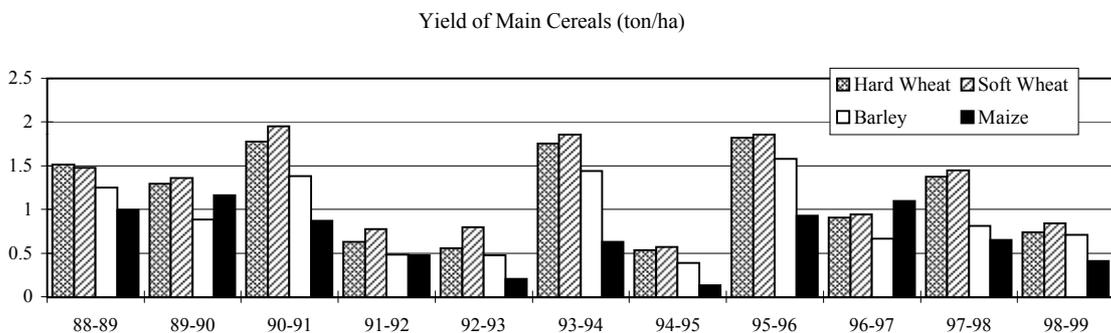
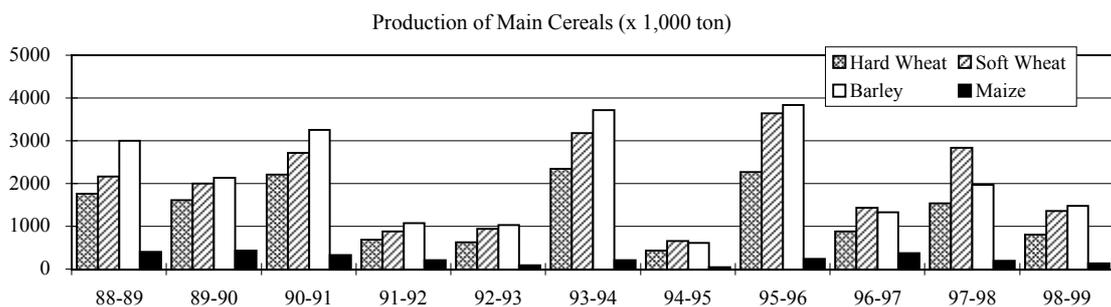
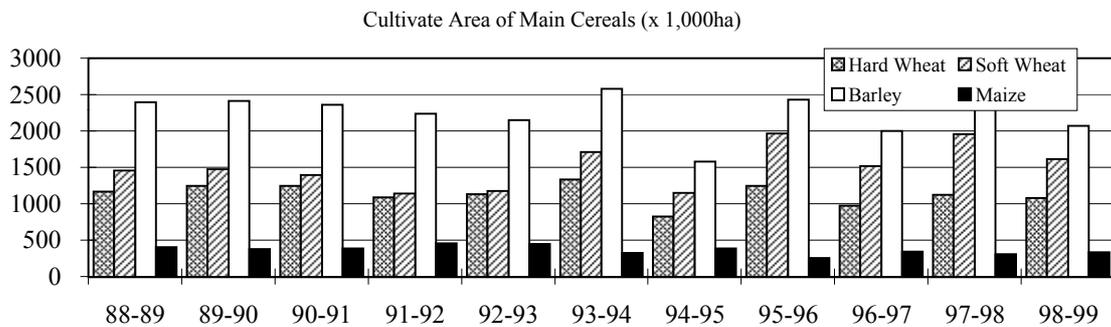


Production of Cereals in Morocco (x 1,000ton)



Yield of Cereals in Morocco (ton/ha)

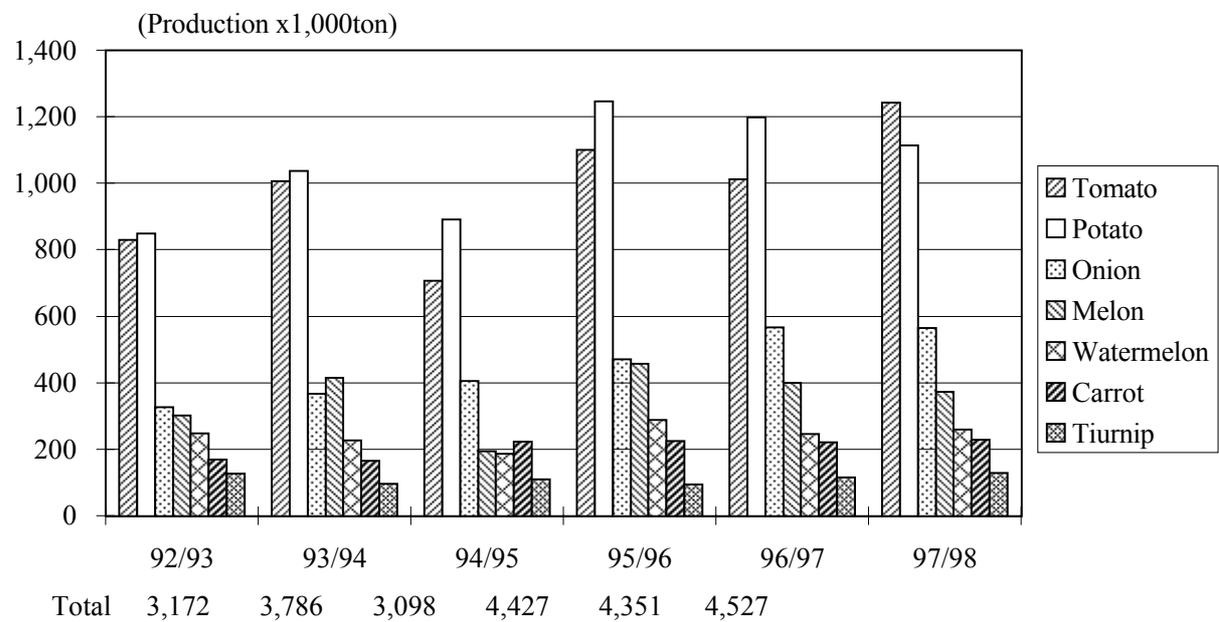
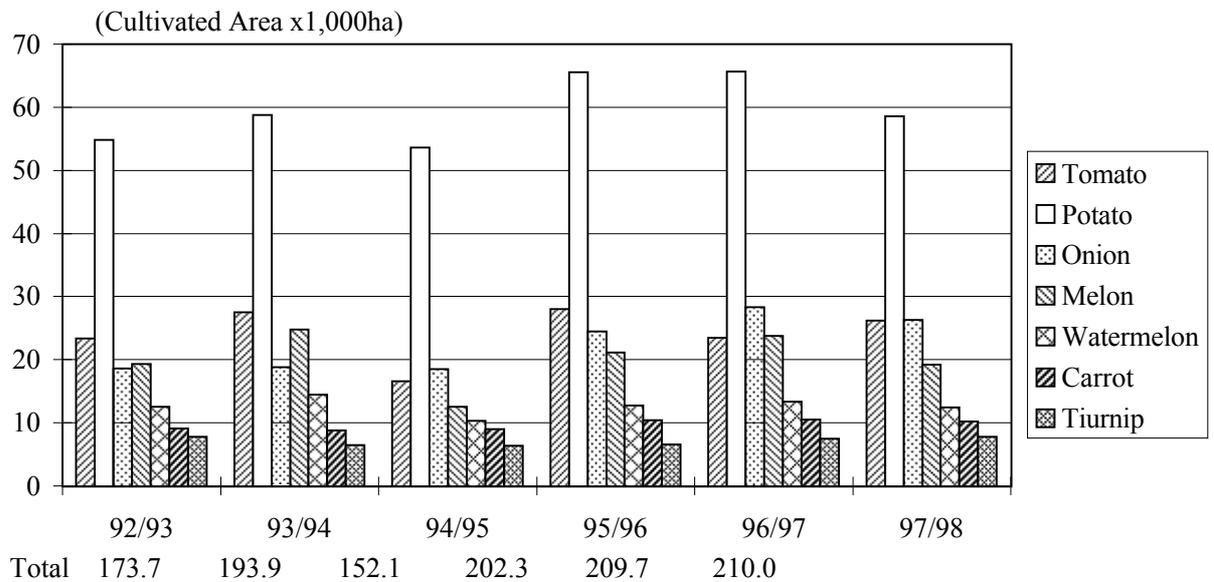
Source: Resultats des Quatre Principales Cereales, Aout 1999,
 Direction de la Programmation et des Affaires Economiques



Source: Resultats des Quatre Principales Cereales, Aout 1999,
 Direction de la Programmation et des Affaires Economiques

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 IN RURAL AREA
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Figure V2.1.3
Tendances de la production de la
principale céréale

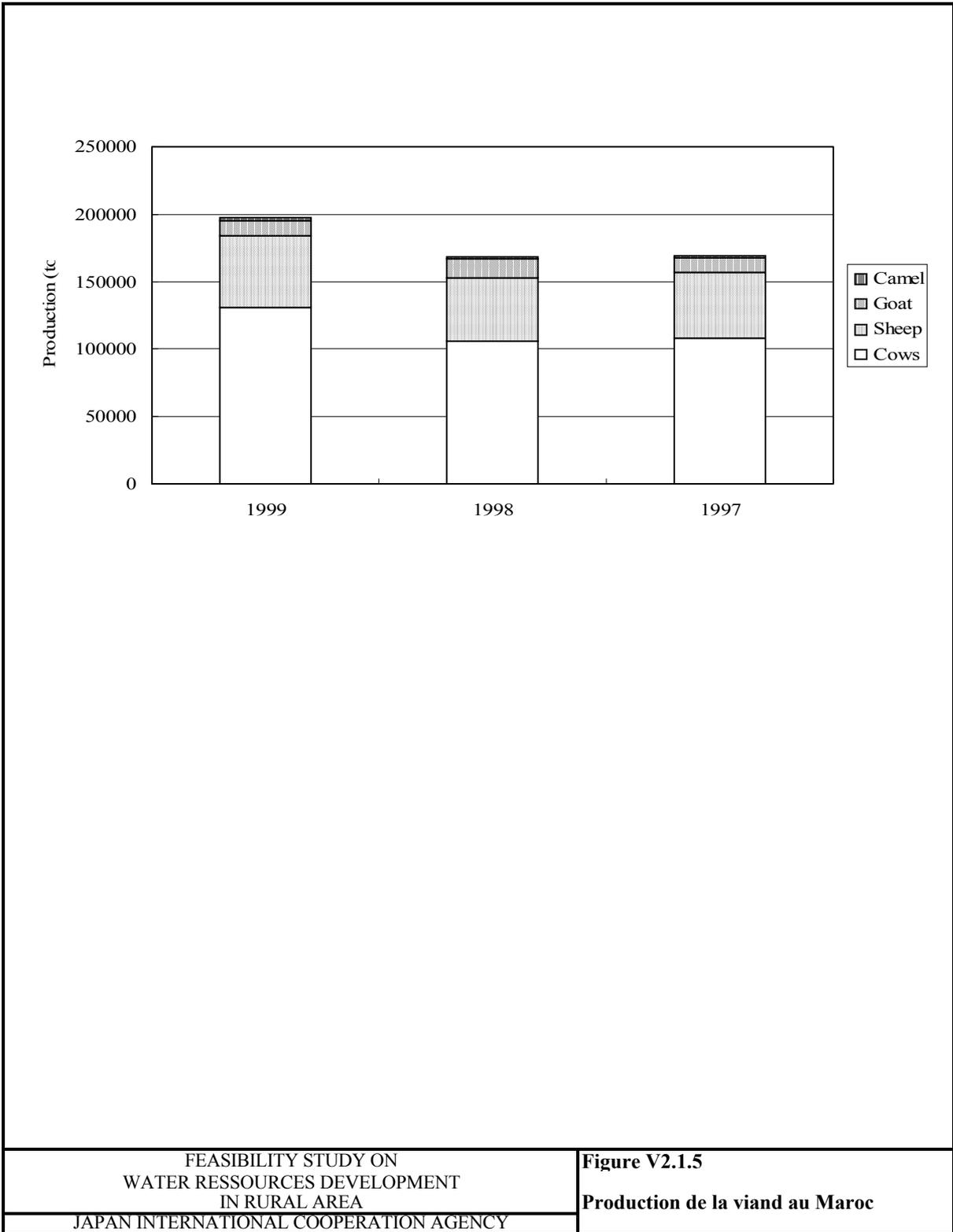


Source: Ministry of Agriculture, Rural Development and Fisheries, Homepage

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IN RURAL AREA

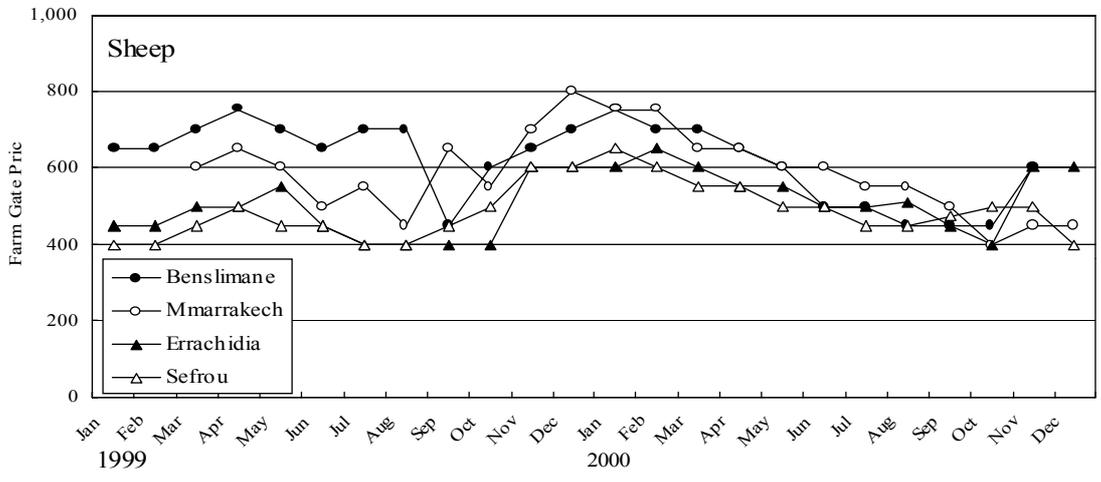
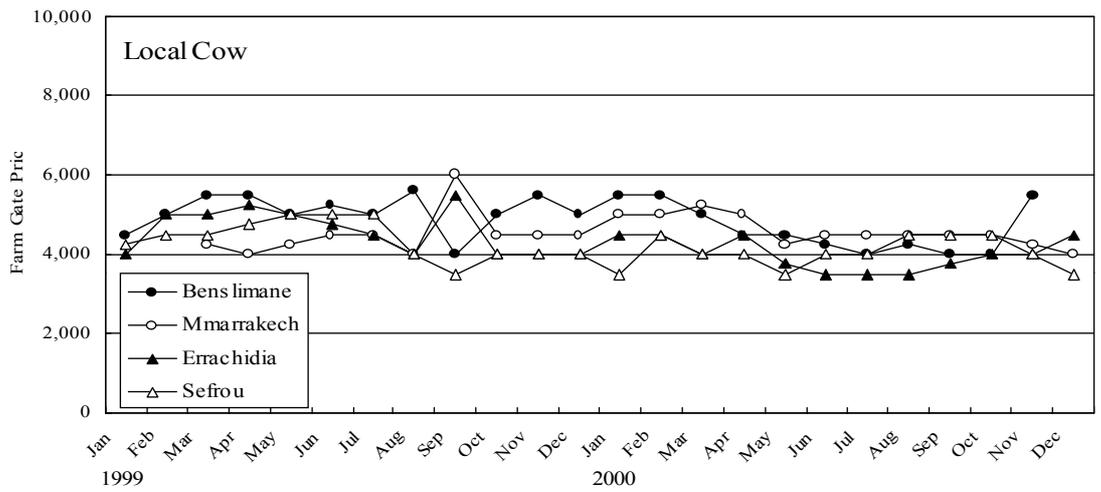
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Figure V2.1.4
Tendances de sol cultivée et de la
production maraîchère au Maroc
(1992/93 - 1997/98)

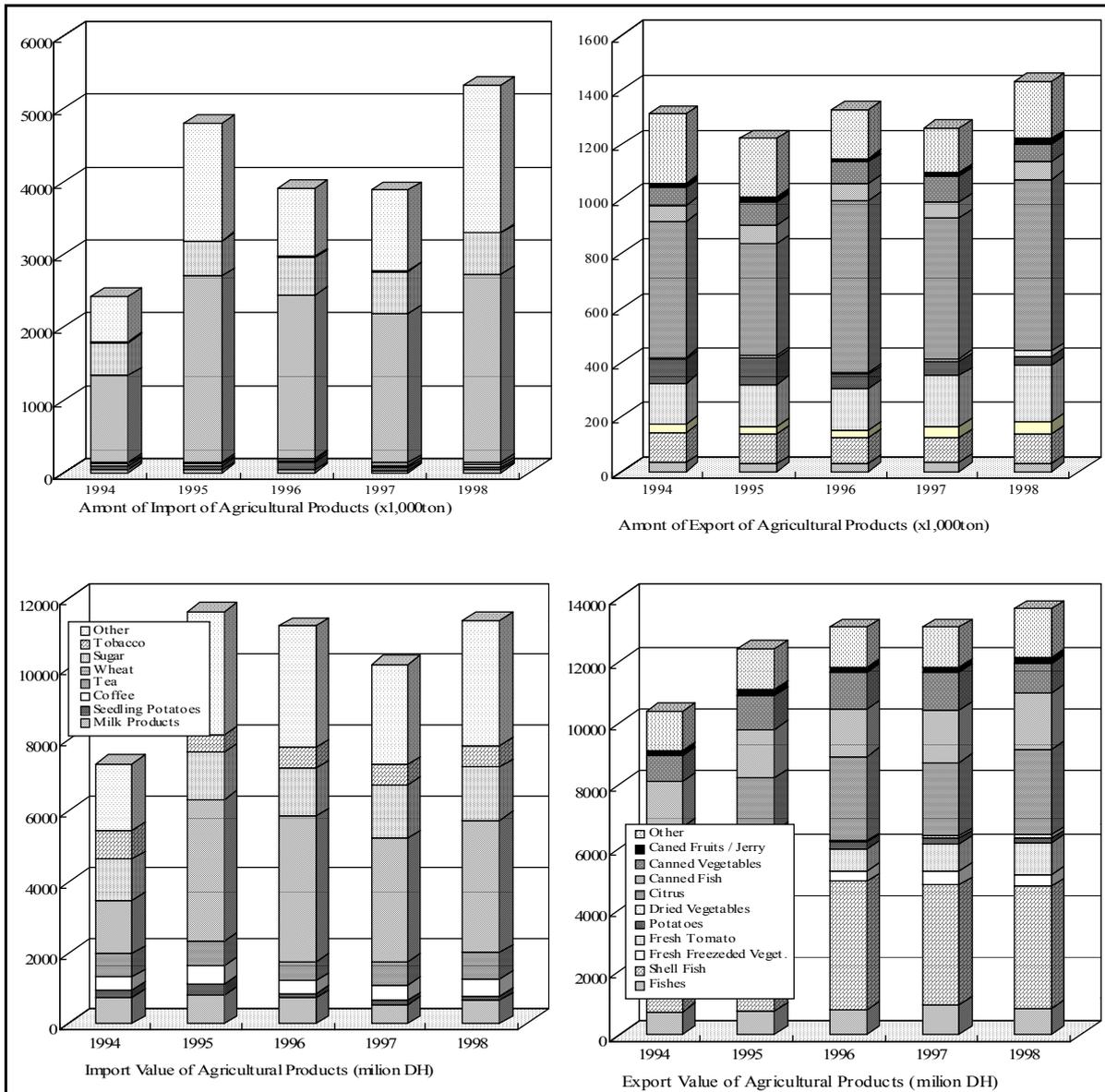


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 IN RURAL AREA
 JAPAN INTERNATIONAL COOPERATION AGENCY

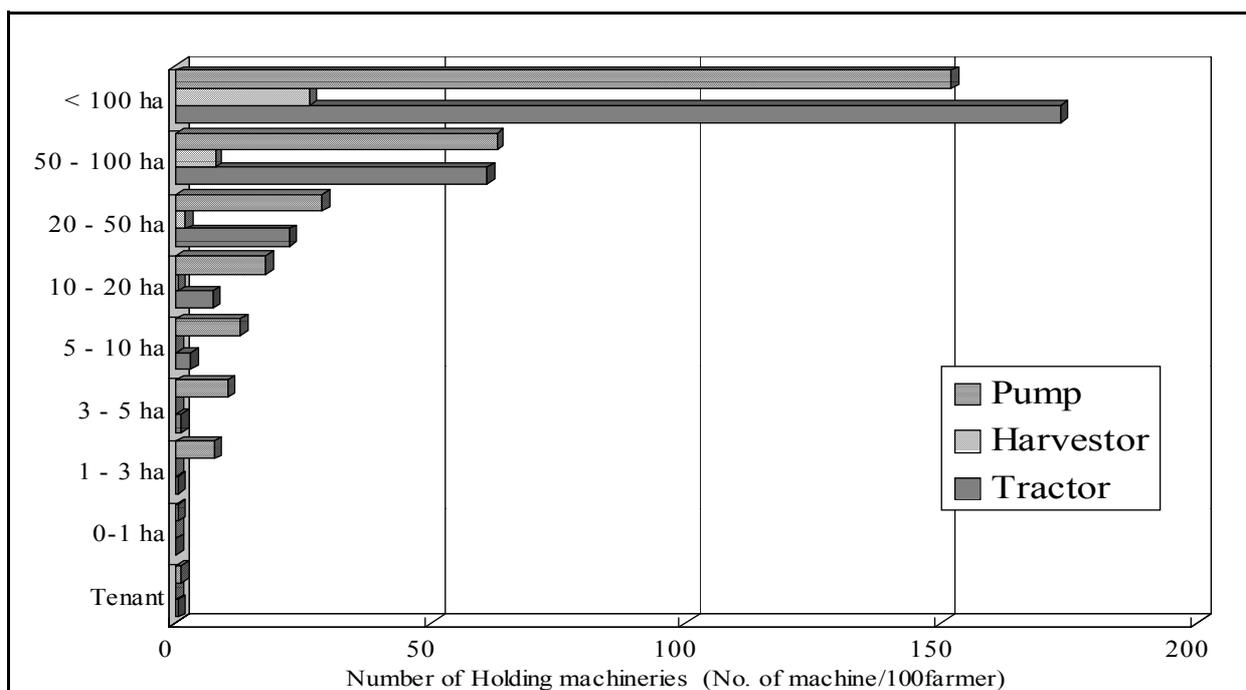
Figure V2.1.5
Production de la viande au Maroc



FEASIBILITY STUDY ON WATER RESOURCES DEVELOPMENT IN RURAL AREA JAPAN INTERNATIONAL COOPERATION AGENCY	Figure V2.1.6 Prix fermier de la vache locale et ovin dans les 4 provinces
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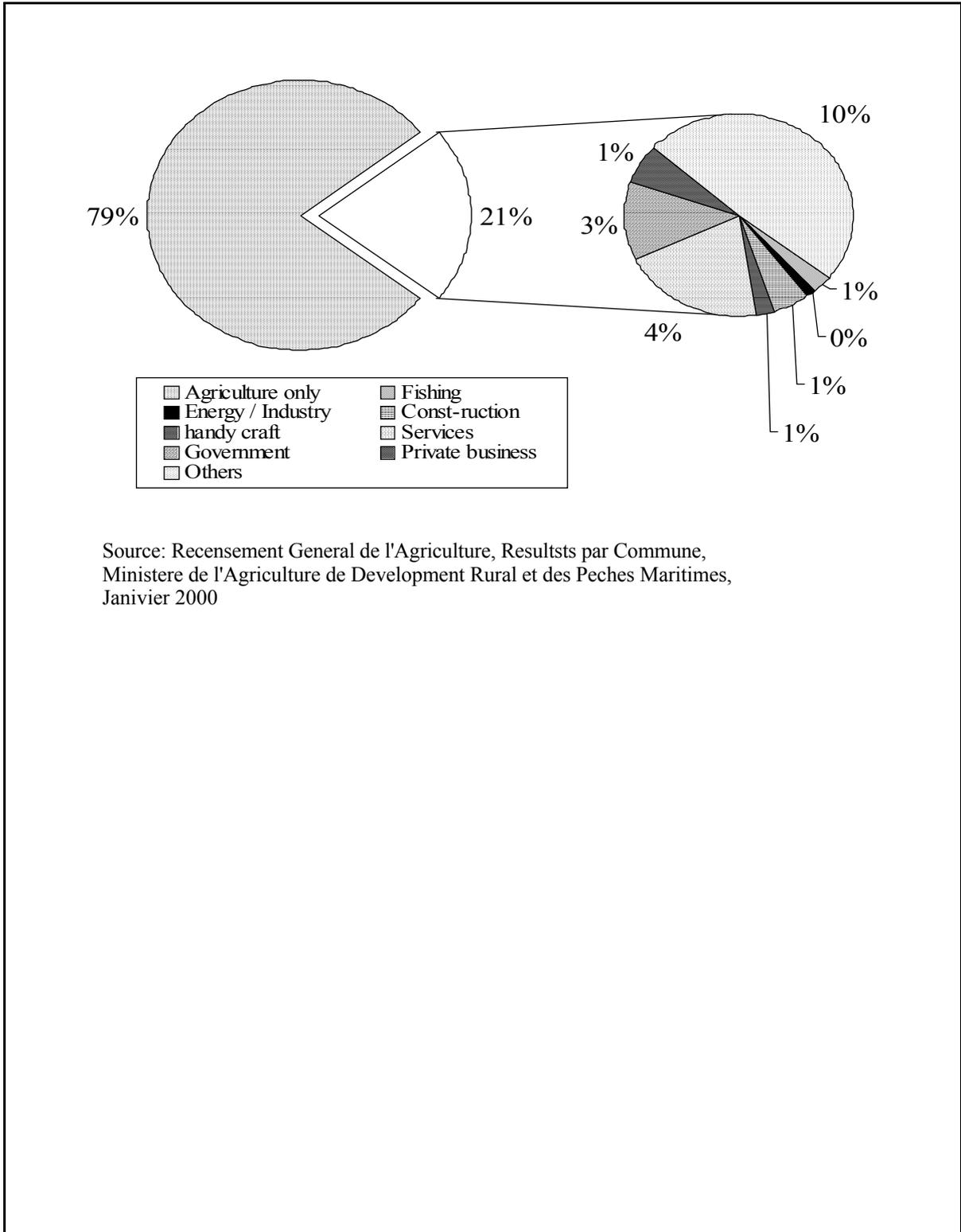
Source: Annuaire Statistique de Maroc 1999, Direction de la Statistique, Ministère de la Prevision Economique et de Plan



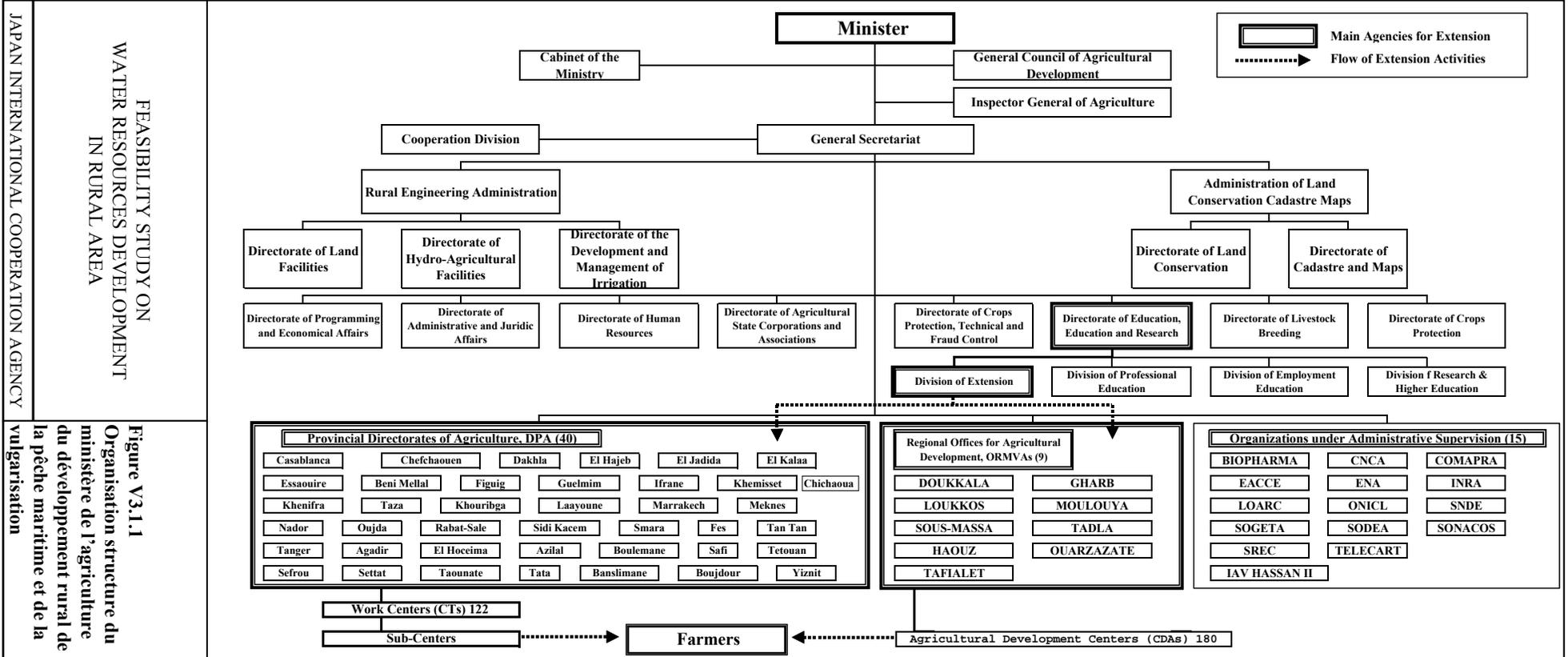
	Farmers (No.)	Area (ha)	Tractor		Harvester		Pump	
			(No.)	(%)	(No.)	(%)	(No.)	(%)
Tenant	64,716	0	365	0.84	28	0.74	822	0.59
0-1 ha	315,323	170,361	673	1.56	76	2.02	1527	1.09
1 - 3 ha	466,710	904,728	2190	5.07	187	4.97	36172	25.85
3 - 5 ha	237,669	1,011,088	2840	6.57	177	4.70	24343	17.40
5 - 10 ha	247,766	1,894,722	7028	16.26	391	10.39	31458	22.48
10 - 20 ha	125,169	1,880,472	9098	21.05	572	15.20	22119	15.81
20 - 50 ha	47,985	1,562,298	10740	24.85	893	23.73	13724	9.81
50 - 100 ha	7,829	585,157	4777	11.05	609	16.18	4928	3.52
< 100 ha	3,182	759,397	5515	12.76	830	22.06	4830	3.45
	1,516,349	8,768,223	43,226		3,763		139,923	

Source: Recensement General de l'Agriculture, Resultats Prelimimaires
 Ministere de l'Agriculture, du Developpement Rural et des Peches Maritimes, September 1999

FEASIBILITY STUDY ON WATER RESOURCES DEVELOPMENT IN RURAL AREA JAPAN INTERNATIONAL COOPERATION AGENCY	Figure V2.1.8 Introduction des machines agricoles par taille d'exploitation du propriétaire
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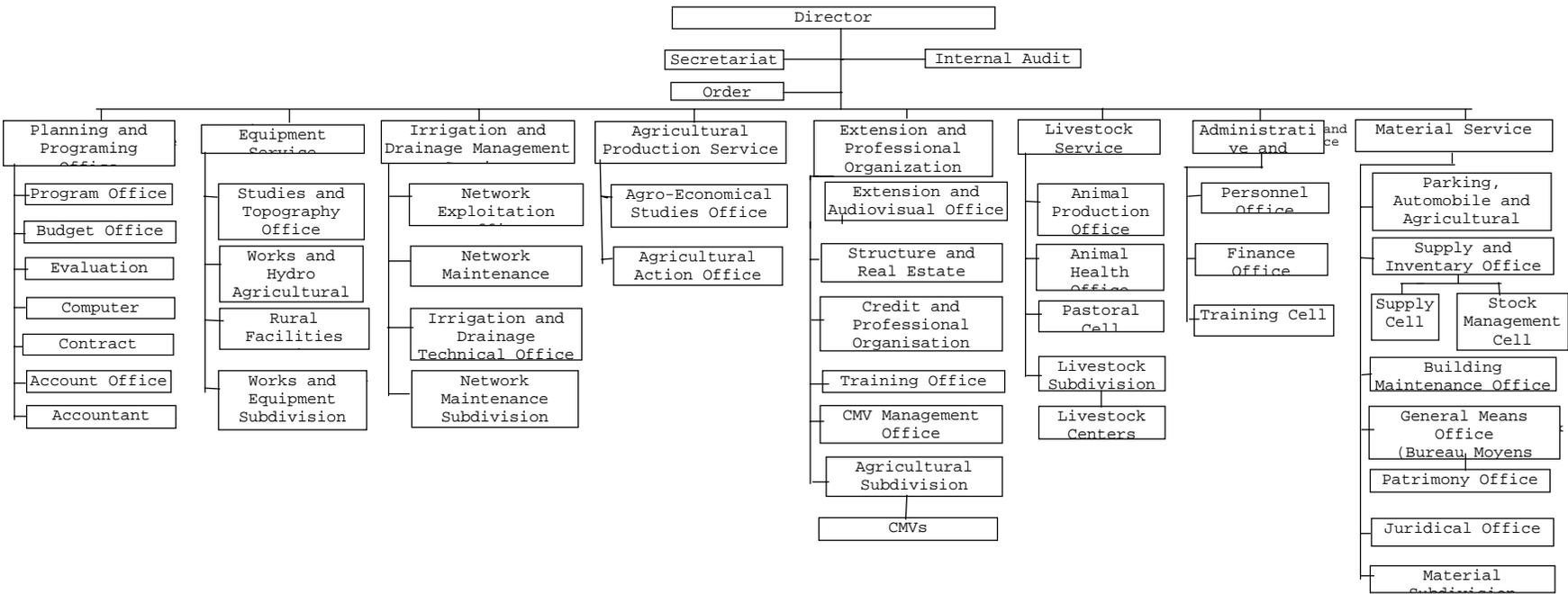
Source: Recensement General de l'Agriculture, Resultsts par Commune, Ministère de l'Agriculture de Development Rural et des Peches Maritimes, Janvier 2000



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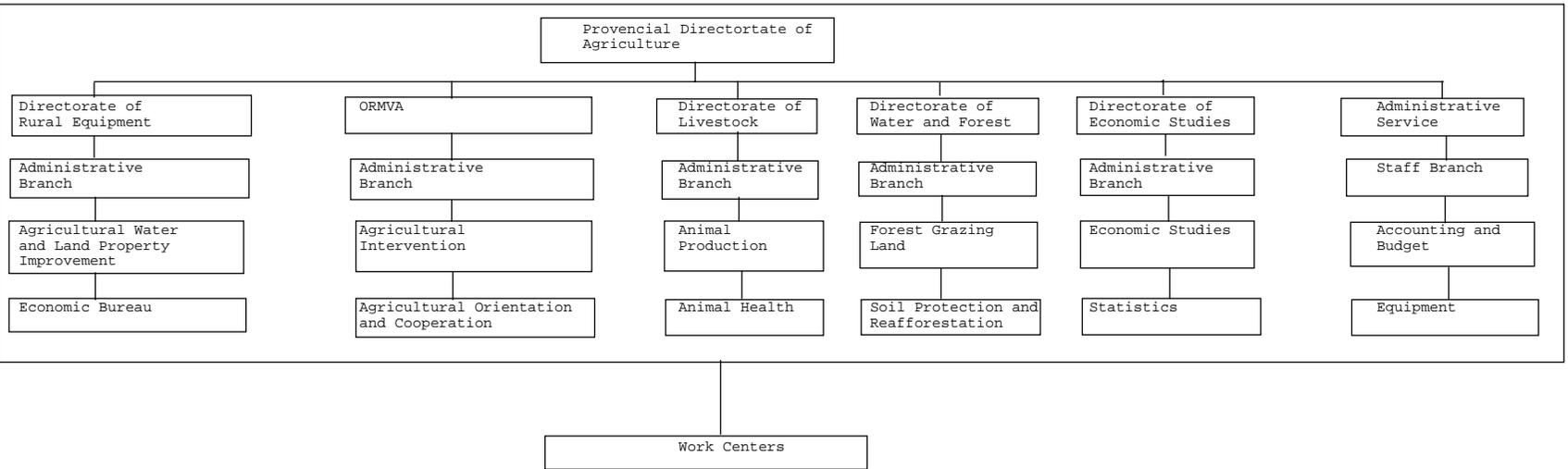
Figure V3.1.1
Organisation structure du
ministère de l'agriculture
du développement rural de
la pêche maritime et de la
vulgarisation



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JAPAN INTERNATIONAL COOPERATION AGENCY

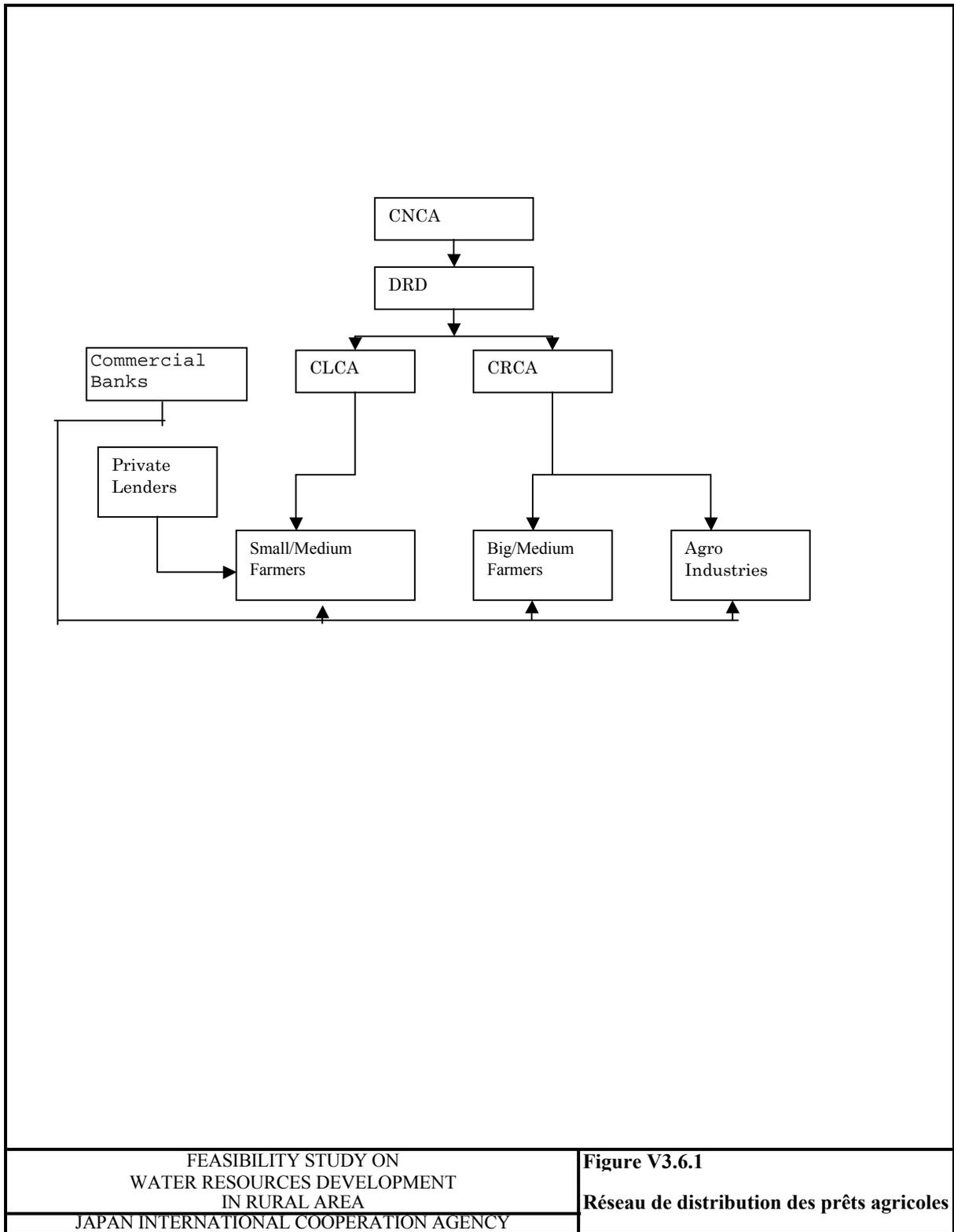
Figure V3.1.2
Organigramme de l'ORMVA



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IN RURAL AREA

JAPAN INTERNATIONAL
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Figure V3.1.3
Organigramme de la
DPA

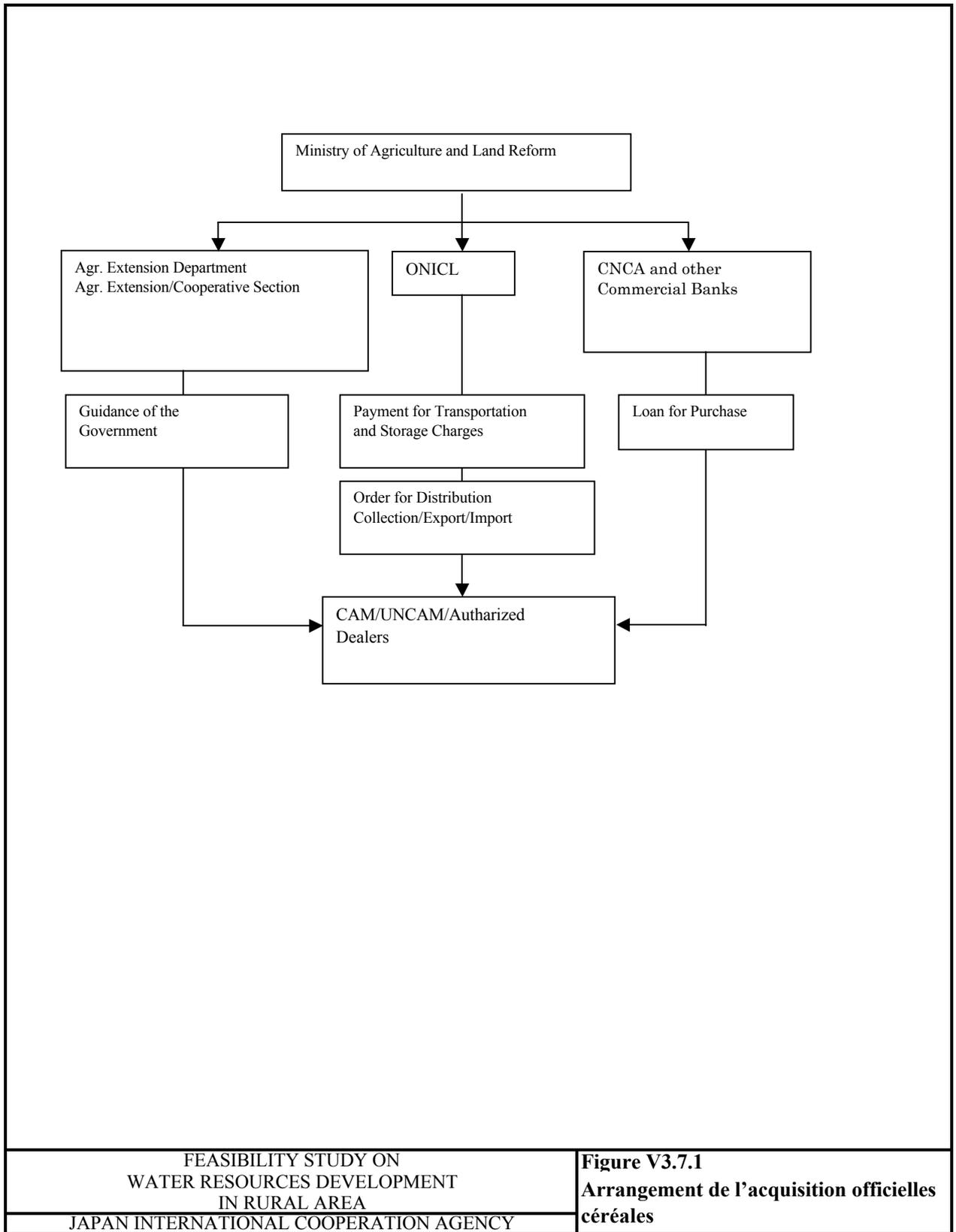


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Figure V3.6.1

Réseau de distribution des prêts agricoles

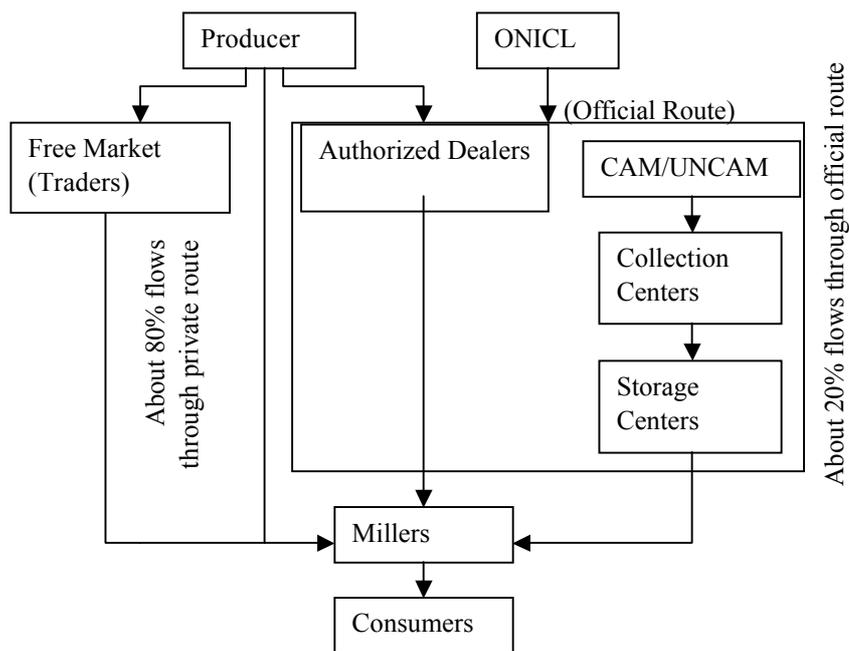


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IN RURAL AREA

JAPAN INTERNATIONAL COOPERATION AGENCY

Figure V3.7.1
Arrangement de l'acquisition officielles
céréales

(a) Flow of Soft Quality Wheat



(b) Flow of Other Cereals

