

ANNEX H

LOGLIST AND SHORT LIST

ANNEX H

LONG LIST AND SHORT LIST INVENTORIES

1. Inventory Format

Table 1 - 1. Inventory Format for Long List Inventory

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7. Graphic Presentation of Short List Inventory Results (1)

8. Graphic Presentation of Short List Inventory Results (2)

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Table 1 - 1. Inventory Format for Long List Inventory

National Small Scale Irrigation and Rural Development Program
Ulusal Küçük Sulama ve Kırsal Kalkınma Programı

Long Listed Area's Data Sheet
Uzun Liste Anket Formu

Long List No.
Uzun Liste No:

<Outline of the Project>
Projenin Ana Hatları

1. Name of the project: _____
Projenin Adı
2. GDRS Regional Office: _____
Köy Hizmetleri Bölge Müdürlüğü'nün Adı
3. Location: Province _____ District _____ Village _____
Yer İl İlçe Köy
4. Latitude-Longitude: N: _____ E: _____ Map No: _____
Yerin Enlem ve Boylamı Enlemi Boylamı Harita No
5. Component of project:
Projenin niteliği
 Irrigation Land Conservation Land Consolidation Drainage
Sulama Toprak Muhafaza Arazi Toplaştırma Drenaj
6. Level of Plan/Design SR PR DD
Konunun Durumu Etüd Raporu Planlama Raporu Detaylı Proje
7. Year of Planned/Designed: _____
Konunun Yapıldığı Tarih (Etüd, Planlama veya Proje)
8. Service Area: _____ ha
Hizmet götürülen alan
9. Beneficial Farmers: _____ household
Faydalanan Çiftçi Ailesi sayısı Adet
10. Farmer's Organization: Existing No
Çiftçi teşkilatı Mevcut Yok
11. Project Cost Estimated: _____ Milyon TL.
Tahmini keşif bedeli
12. Priority of Implementation:
Projenin uygulama önceliği
 In 3 years 3-5 years Over 5 years
3 sene içinde 3-5 sene içinde 5 sene sonra

<Outline of Irrigation Project>
Sulama Projesinin Ana Hatları

13. Facility of Water Source: Existing To be developed
Sulama Tesisi Mevcut Yapılacak
(Years of construction in 19.....)
(İnşa edildiği yıl 19.....)

14. Source of Water: River/Reservoir Groundwater
Su kaynağı Nehir/Depolama tesisi Yeraltı Suyu

River/Reservoir
Nehir/Depolama Tesisi

15. Name of River/Reservoir: _____
Nehir/Depolama Tesisi Adı

16. Catchment Area: _____ km²
Su Toplama Havza Alanı

17. Maximum Discharge: _____ m³/sec
Su Kaynağının Ortalama Debisi

18. Effective Capacity of Reservoir: _____ milyon m³
Göletin Etkili Depolama Kapasitesi

19. Type of Dam/Head Works: _____
Gölet/Bent Tipi

Concrete Earthfil Stone Timber Others
Beton Toprak Taş Kereste Diğer

20. Length of Dam/Head Works: _____ m
Gölet Kret/Bent Uzunluğu

21. Height of Dam/Head Works: _____ m
Gölet/Bent Yüksekliği

22. Watershed Conservation: To be considered Not to be considered
Havza Islahı Düşünülmektedir Düşünülmemektedir

Groundwater
Yeraltısuyu

23. Number of Well: _____
Kuyu Adedi

24. Discharge of Wells: _____ l/sec
Kuyu debileri litre/saniye

25. Head of Pumps: _____ m
Kuyu Monometrik Yükseklikleri(Hm)

26. Type of Well: Deep Well Derin Kuyu Shallow Well Sığ Kuyu Others Diğer
 Kuyu Tipi
27. Type of Pump: Bore hore pump Sondaj Centrifuga Santrifuj Vertical Dikey Other Diğer
 Pompa Tipi
28. Bore Size: Ø _____ mm
 Delik Çapı

Canal System:
Kanal Sistemi:

29. Canal System: Existing Mevcut To be developed Yapılacaktır
 Kanal Sistemi
30. Type of Canal: Lining Beton Kaplama Earth Toprak Pipe Line Boru
 Length : _____ km
 Uzunluğu: _____ km
31. Soil Fertility: very good I. sınıf good II. sınıf poor III. sınıf very poor IV. sınıf
 SAT

Irrigation to Crops
Projeli Bitki Paterni

32. Crops, Areas, Methods and Period of Irrigation:
 Bitkiler, Alanlar, Yöntemler ve Sulama Periodu

Main Crops Bitki Paterni	Areas Alan	Methods Yöntem	Period Period
1. _____	_____	<input type="checkbox"/> a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d.	_____
2. _____	_____	<input type="checkbox"/> a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d.	_____
3. _____	_____	<input type="checkbox"/> a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d.	_____
4. _____	_____	<input type="checkbox"/> a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d.	_____

a) Basın Tava b) Furrow Kanık c) Sprinkler Yağmurlama d) Drip Damlama

33. Inland Fishery:
 Tatlısu Balıkçılığı

Plan: Yes Var No Yok
 Plan

Name of Fishes:
 Balıkların adı:

Crops Name Bitki Adı	Existing Cultivable Area Projesiz durumda ekim alanı (ha)	Yield Ürün (kg/da)	Planned Cultivable Area Projeli durumda ekim alanı	Target Hedeflenen Yield Ürün (kg/da)
Maize Mısır				
Pea Bezelye				
Industrial Crop Endüstri Bitkileri				
Vegetables Sebzeler				
Pasture Çayır				
Others Diğerleri				
Total Toplam				

34. Cropping Intensity:

Ekiliş Oranı

a) Existing _____ %
Mevcut

b) Planned _____ %
Planlanan

35. Annual Project Net Increment Benefit: _____
Projenin Yıllık Net Gelir Artışı

Million TL.
Milyon TL.

36. Benefit/Cost Ratio: _____
Fayda/Masraf Oranı

37. Estimated Annual O&M Cost: _____
Tahmini Yıllık İşletme-Bakım Masrafı

Million TL.
Milyon TL.

38. Comments from GDRS:
KHGM'nün proje hakkındaki yorumları

Tarih:...../...../199
Formu Düzenleyenin
Adı ve Soyadı

Long List No: ○○-○○-○○○○
Uzun Liste No

Table 1 - 2. Inventory Format for Short List Inventory

National Small Scale Irrigation and Rural Development Program
Ulusal Küçük Sulama ve Kırsal Kalkınma Programı
Short Listed Area's Data Sheet
Kısa Liste Anket Formu

1. Name of the Project : _____
Projenin Adı
2. GDRS Regional Office : _____
KHGM Bölge Müdürlüğü'nün Adı
3. Location : Province _____ District _____
Yer İl İlçe

No. of Villages related to the Project : _____
Projeye ilişkisi olan köy Sayısı

(If there are two or more villages included in the study area , the studied articles should be filled in the separate forms by village)
(İncelenecek bölgede ikiden fazla köy olursa, her köy için kısa liste veri kağıdı doldurulacaktır.)

Village name : _____
Köyün Adı

<Physical Profile>

Doğal Durum

4. Average Temperature : _____ °C
Ortalama sıcaklık
5. Annual Average Precipitation : _____ mm
Yıllık Ortalama yağış
(Precipitation from April to September) _____ mm
(Nisan Ayından Eylül Ayına kadar yağış toplamı)
6. Topography :
Topografya
 Plain/Flat Undulating Hilly/Mountain
Düz Dalgali Tepelik /Daglık
7. Soil Type :
Toprak Tipi
 Clayey Loamy Silt Sandy
Killi Tınlı Silt Kumlu

<Socio-economic Background>
Sosyal-Ekonomik Durum

8. Total Population : _____ persons (as of AD 199□ year)
Toplam nüfus kişi (199 □ itibarıyla)

Long List No. ○○-○○-○○○○○
Uzun Liste No.

9. No. of Work Force (over 15 years old) _____ persons (as of AD 199□ year)
Çalışan nüfus (15 yaşından yukarı) kisi (199 □ itibarıyla)
10. Past population a decade ago : _____ persons (as of AD 199□ year)
10 sene önceki nüfus kisi (199 □ itibarıyla)
11. Population Density : _____ persons/km² (as of AD 199□ year)
Nüfus Yoğunluğu kisi (199 □ itibarıyla)
12. Population Growth Rate : _____ % / year
Nüfus Artış Oranı yıl
13. Total No. of Household : _____ household
Toplam Aile Sayısı Aile
14. No. of Farm Household : _____ household
Çiftçi Ailesi Sayısı Aile
15. Average Income per Household : _____ TL
Bir Ailenin Ortalama Geliri
16. Average Income per Farm Household : _____ TL
Bir Çiftçi Ailesinin Ortalama Geliri

<Land Use>

Toprak Kullanımı

- 17 Land Use :
Toprak Kullanımı
- A) Arable Land : _____ ha
Ekilebilir Alan
- a) Cultivated Area : _____ ha
Ekili Alan
- b) Perennial Crop Area : _____ ha
Daimi Hububat Alanı
- c) Fallow Area : _____ ha
Nadas Alanı
- d) Grassland : _____ ha
Gayir-mer'a
- B) Residential Area : _____ ha
Meskun Alanı
- C) Forest Area : _____ ha
Orman Alanı
- D) River/Swamp/Lake : _____ ha
Nehir/Bataklık/Göl
- E) Others : _____ ha
- Total Area : _____ ha
Toplam Alan

Long List No. ○○-○○-○○○○

Uzun Liste No.

<Social Services>

Social Services
Sosyal Hizmetler

18. No. of Schools : a) Primary _____ b) Junior high _____ c) High _____
Okulun Sayisi İlk Okul Orta Okul Yüksek Okul
19. No. of Community center : _____
(Resmi bina sayısı)
20. No. of Health Care Center : a) Clinic _____ b) Hospital _____
Sağlık Tesisi Sayısı Sağlık Ocağı Hastane
21. Domestic Water Supply : Rate of extension of Tap water _____ %
Köyün içme Suyu Temini Musluk Suyunun Yayılma Oranı

<Transportation>

Ulaşım

22. Necessity of road pavement : High Low Unknown
Kaplama Yolu durumu Var (Çok) Hayır bilinmiyor
23. Rate of popularization of telephone : _____ %
Telefonun Yayılma Oranı

<Agricultural Profile>

Tarımsal Profil

24. Cropping Area and Production
Ekilen Alan ve Üretim

Crops Ekin	Cultivated Area Ekili Alan	Total Production Toplam Üretim
A) Grains : Hububatlar	_____ ha	_____ ton
B) Root Crops : Yumru Bitkiler	_____ ha	_____ ton
C) Leguminous : Baklagiller	_____ ha	_____ ton
D) Industrial Crops : Sınai Ekinler	_____ ha	_____ ton
E) Fruit Trees : Meyvelik	_____ ha	_____ ton
F) Vegetables : Sebzeler	_____ ha	_____ ton
G) Ornamental Crops : Süs bitkileri	_____ ha	_____ ton

Long List No. ○○-○○-○○○○

Uzun Liste No.

25. No. of Agricultural Machinery owned by farmers
Çiftçilerin Sahip olduğu tarımsal makina Sayısı
- A) No. of two-wheel and four-wheel tractor : _____
İki Tekerli yada Dört tekerli Traktörün sayısı
- B) No. of Duster and sprayer : _____
Zirai mücadele Makinesi Sayısı
- C) No. of manure spreader and lime sower : _____
Gübre ve kireç Serpme makinesi sayısı
- D) No. of combine harvester : _____
Biçer-Döğer Makinesi sayısı
26. Livestock :
Hayvancılık
- A) Dairy Cows : _____ heads
Inek bas
- B) Cattle : _____ heads
Sigir bas
- C) Sheep : _____ heads
Koyun bas
- D) Goat : _____ heads
Keçi bas
- E) Chicken : _____ heads
Tavuk adet
27. Inland Fishery :
Ülkenin İç kısmında yapılan Balıkçılık
- A) No. of Fish Pond : _____
Balık Havuzu Sayısı
- B) Total Area of Fish Pond : _____ ha
Balık Havuzunun Toplam Alanı
- C) Total Production in AD199□ year : _____ ton
Balık üretim miktarı (199 □ itibarıyla)
- D) The main fish
Balık türü
28. Forestry :
Ormancılık
- Forestry area : _____ ha
Orman Alanı
- Main production Timber Fuel Others
Başlıca Ürün Kereste Yakacak Diğer
- Total Production in AD199□ year : _____ ton
Toplam Üretim (199 □ itibarıyla)
29. Agro-Industry :
Tarımsal Endüstri
- A) Kinds of Agro-Industry : _____
Tarımsal Endüstrinin türü

Long List No. ○○-○○-○○○○

Uzun Liste No.

Crops Name Bitki Adı	Existing Cultivable Area Projesiz durumda ekim alanı (ha)	Yield Ürün (kg/da)	Planned Cultivable Area Projeli durumda ekim alanı	Target Hedeflenen Yield Ürün (kg/da)
Maize Mısır				
Pea Bezelye				
Industrial Crop Endüstri Bitkileri				
Vegetables Sebzeler				
Pasture Çayır				
Others Diğerleri				
Total Toplam				

34. Cropping Intensity:
Ekiliş Oranı
a) Existing _____ %
Mevcut
- b) Planned _____ %
Planlanan
35. Annual Project Net Increment Benefit: _____ Million TL.
Projenin Yıllık Net Gelir Artışı Milyon TL.
36. Benefit/Cost Ratio: _____
Fayda/Masraf Oranı
37. Estimated Annual O&M Cost: _____ Million TL.
Tahmini Yıllık İşletme-Bakım Masrafı Milyon TL.
38. Comments from GDRS:
KHGM'nin proje hakkındaki yorumları

Tarih:...../...../199
Formu Düzenleyenin
Adı ve Soyadı

Long List No: ○○-○○-○○○○
Uzun Liste No

Fig. 5 - 2 Short List Presentation

Figure 1 Temperature

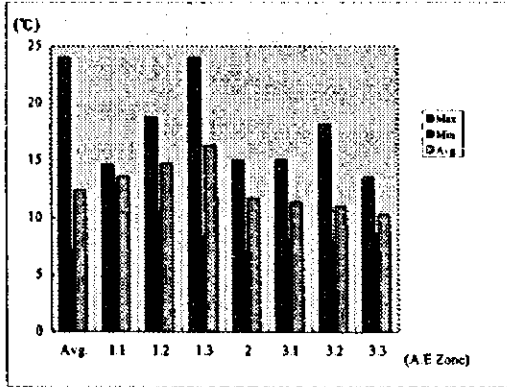


Figure 2 Annual Precipitation

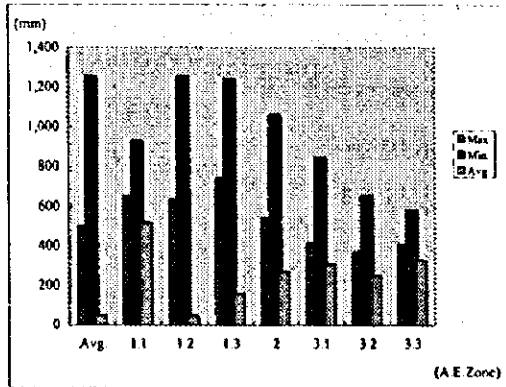


Figure 3 Precipitation from April to October

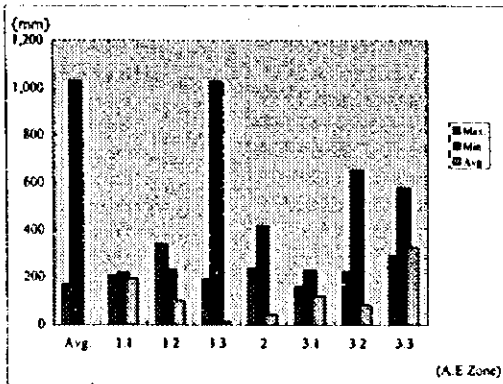


Figure 4 Topography

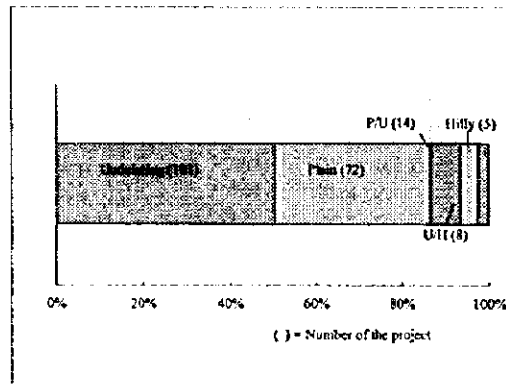


Figure 5 Soil Type (Total Area)

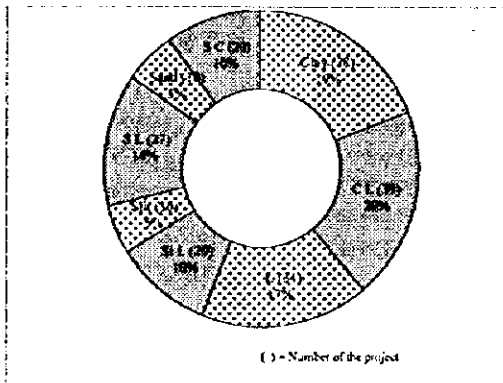


Figure 6 Soil Type (A.E. Zone 1.1)

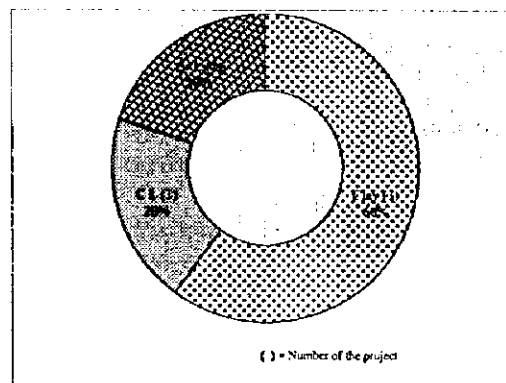


Fig. 5-2 Short List Presentation

Figure 1 Temperature

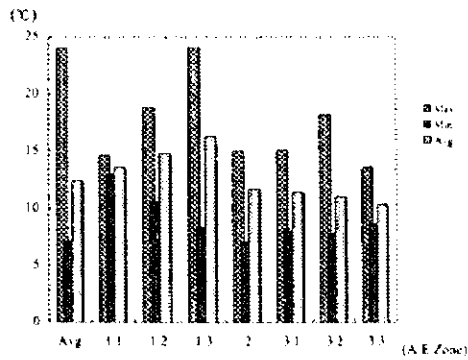


Figure 2 Annual Precipitation

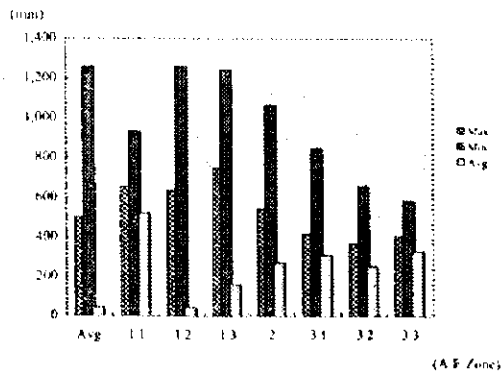


Figure 3 Precipitation from April to October

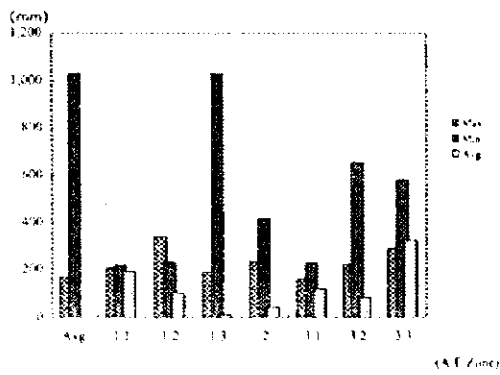


Figure 4 Topography

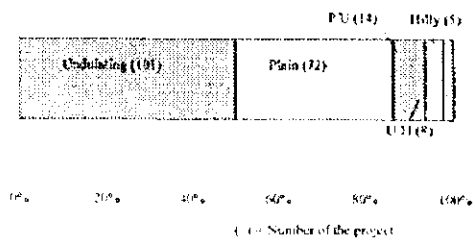


Figure 5 Soil Type (Total Area)

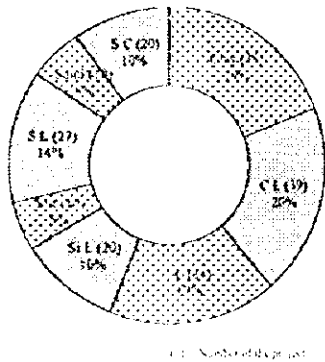


Figure 6 Soil Type (A.E. Zone II)

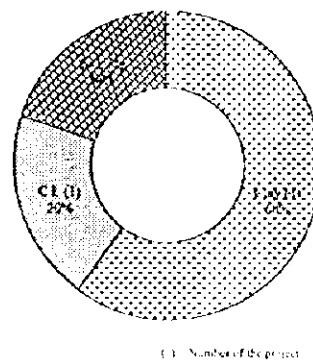


Table 2-1 Number of Projects and Distribution

REGION	PROVINCE	DISTRIBUTION OF LONG LIST										DISTRIBUTION OF SHORT LIST									
		WEIR	DAM	GROUND WATER	SOIL-CONSERVATION	DRAINAGE	LAND-CONSERVATION	COMPOUND	NOT SPEC	TOTAL	WEIR	DAM	GROUND WATER	SOIL-CONSERVATION	DRAINAGE	LAND-CONSERVATION	COMPOUND	NOT SPEC	TOTAL		
ANKARA	Ankara	86	3	7	3	14	0	0	0	113	2	0	1	1	0	0	0	0	4		
	Bolu	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1		
	Cankiri	46	1	0	0	1	0	0	0	48	2	0	0	0	0	0	0	0	2		
	Kirikkale	3	0	2	0	0	0	0	0	5	2	0	1	0	0	0	0	0	3		
	TOTAL	135	5	9	3	15	0	0	0	167	6	1	2	1	0	0	0	0	10		
KONYA	Konya	3	9	39	1	0	7	2	1	62	1	0	17	0	4	2	0	0	24		
	Alsarai	15	4	7	1	1	0	2	0	30	3	0	3	1	0	1	0	0	8		
	Karman	23	0	11	0	0	1	0	0	35	2	0	1	0	0	0	0	0	3		
	Nigde	17	7	17	0	1	0	1	1	44	3	0	4	0	0	0	0	0	7		
	TOTAL	58	20	74	2	2	8	5	2	171	9	0	25	1	4	3	0	0	42		
ADANA	Adana	49	8	4	3	2	2	0	0	68	2	2	0	0	2	0	0	0	6		
	kel	11	6	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	6		
	Halay	10	5	3	0	0	0	0	0	18	0	0	3	0	0	0	0	0	3		
	Osmaniye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	TOTAL	70	19	7	3	2	2	0	0	103	2	2	3	0	2	0	0	0	15		
KAYSERI	Kayseri	51	0	10	3	0	0	0	1	64	3	0	3	0	0	0	0	0	6		
	Kirsehir	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1		
	Neveshir	2	2	4	4	0	0	0	0	12	1	0	1	0	0	0	0	0	2		
	Yozgat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	TOTAL	53	3	14	7	0	0	0	1	78	4	1	4	0	0	0	0	0	9		
SIVAS	Sivas	197	8	0	2	2	0	3	6	212	13	0	0	0	1	0	0	0	14		
	Tokat	1	2	0	0	15	9	0	3	30	1	0	0	0	0	1	0	0	2		
	TOTAL	198	10	0	2	17	9	3	9	242	14	0	0	0	1	1	0	0	16		
TRABZON	Trabzon	11	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0		
	Arvin	60	1	0	8	0	0	0	0	69	7	0	0	1	0	0	0	0	8		
	Baybun	29	0	0	2	1	0	0	0	32	4	0	0	0	0	0	0	0	4		
	Giresun	38	1	0	1	0	0	0	0	40	2	0	0	0	0	0	0	0	2		
	Gumushane	52	2	0	4	0	0	0	1	59	2	0	0	0	0	0	0	0	2		
	Rize	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	TOTAL	190	4	0	15	1	0	0	1	211	15	0	0	1	0	0	0	0	16		
SAMSUN	Samsun	2	2	0	2	2	0	0	0	8	2	1	0	1	2	0	0	0	6		
	Amasya	6	0	3	0	0	0	2	0	11	4	0	0	0	0	0	2	0	6		
	Corum	55	1	0	0	2	0	1	1	60	9	0	0	0	0	0	0	0	9		
	Ordu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	TOTAL	63	3	3	2	4	0	3	1	79	15	1	0	1	2	0	2	0	21		
KASTAMONU	Kastamonu	11	1	4	1	0	0	0	0	17	1	1	1	1	0	0	0	0	4		
	Zonguldak	14	0	8	0	1	1	0	0	24	1	0	0	0	0	0	0	0	1		
	Sinop	28	2	21	5	5	1	0	1	63	0	0	0	1	0	0	0	0	1		
	Karabuk	24	0	0	0	0	0	0	0	24	2	0	0	0	0	0	0	0	2		
	Bartın	14	0	0	3	1	0	0	0	18	1	0	0	0	0	0	0	0	1		
	TOTAL	91	3	33	9	7	2	0	1	146	5	1	2	2	0	0	0	0	9		
ESKISEHIR	Eskisehir	2	1	5	3	0	3	0	0	14	2	1	1	3	0	0	0	0	7		
	Afyon	1	0	18	0	0	0	0	0	19	1	0	3	0	0	0	0	0	4		
	Kutahya	2	4	3	0	0	1	0	0	10	0	2	0	0	0	0	0	0	2		
	Usak	2	3	0	4	0	0	0	0	9	0	0	0	3	0	0	0	0	3		
	TOTAL	7	8	26	7	0	4	0	0	52	3	3	4	3	0	0	0	0	16		
ANTALYA	Antalya	40	1	5	1	1	0	0	0	48	2	1	2	0	0	0	0	0	5		
	Burdur	2	4	10	1	2	0	0	0	19	2	1	4	0	1	0	0	0	8		
	IsPARTA	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1		
	TOTAL	42	6	15	2	3	0	0	0	68	4	3	6	0	1	0	0	0	14		
IZMIR	Izmir	3	7	17	0	0	0	0	0	27	0	1	5	0	0	0	0	0	6		
	Aydin	3	0	0	2	0	0	0	0	5	2	0	0	2	0	0	0	0	4		
	Denizli	1	2	6	0	0	0	0	0	9	0	0	5	0	0	0	0	0	5		
	Manisa	2	1	1	1	0	0	0	0	5	2	1	1	0	0	0	0	0	5		
	Mugla	6	0	4	1	0	0	0	0	17	2	2	1	1	0	0	0	0	6		
	TOTAL	15	16	28	4	0	0	0	0	63	4	4	12	1	0	0	0	0	26		
BURSA	Bursa	3	2	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	1		
	Balıkesir	0	1	2	0	0	0	0	0	3	0	1	1	0	0	0	0	0	2		
	Bilecik	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1		
	Canakkale	1	2	0	0	0	0	0	0	3	1	2	0	0	0	0	0	0	3		
	Yalova	0	2	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	1		
	TOTAL	4	8	2	0	0	0	0	0	14	2	5	1	0	0	0	0	0	8		
ISTANBUL	Istanbul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Edirne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Kirklareli	0	0	3	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3		
	Kocaeli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Sakarya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Tekirdag	3	11	1	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0		
	TOTAL	3	11	4	0	0	0	0	0	18	0	0	3	0	0	0	0	0	3		
	GRAND TOTAL	929	116	215	56	51	25	11	15	1,418	85	27	61	16	6	5	5	0	205		

Table 2-2 Regional Distribution of Projects

REGION	AREA BREAKDOWN OF LONG LIST										AREA BREAKDOWN OF SHORT LIST									
	Beneficiary Area	WEIR	DAM	GROUND WATER	SOL-LCON SERVATION	DRAI NAGE	LAND-CON SOLIDATION	COM POUND	NOT SPEC	TOTAL	WEIR	DAM	GROUND WATER	SOL-LCON SERVATION	DRAI NAGE	LAND-CON SOLIDATION	COM POUND	NOT SPEC	TOTAL	
ANKARA	< 50 ha	89	0	3	0	0	0	0	0	96	0	0	0	0	0	0	0	0	0	
	50 - 100 ha	24	2	0	1	2	0	0	0	29	2	0	0	0	0	0	0	0	2	
	100 - 150 ha	11	1	2	0	2	0	0	0	16	1	0	0	0	0	0	0	0	1	
	> 150 ha	11	2	4	2	7	0	0	0	26	3	1	2	1	0	0	0	0	7	
	area N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	135	5	9	3	15	0	0	0	167	6	1	2	1	0	0	0	0	0	10	
KONYA	< 50 ha	27	2	3	1	0	0	0	1	34	0	0	0	0	0	0	0	0	0	
	50 - 100 ha	6	0	14	0	0	0	0	0	20	0	0	1	0	0	0	0	0	1	
	100 - 150 ha	7	1	9	0	0	1	0	0	18	3	0	0	0	0	1	0	0	4	
	> 150 ha	16	17	47	1	2	7	5	1	96	6	0	24	1	0	3	3	0	37	
	area N.A.	2	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	
TOTAL	58	20	74	2	2	8	5	2	171	9	0	25	1	0	4	3	0	42		
ADANA	< 50 ha	31	0	1	1	0	0	0	0	33	0	0	0	0	0	0	0	0	0	
	50 - 100 ha	13	1	2	0	0	0	0	0	16	0	1	0	0	0	0	0	0	1	
	100 - 150 ha	8	1	1	0	0	1	0	0	11	0	1	0	0	2	0	0	0	3	
	> 150 ha	17	17	3	2	2	1	0	0	42	2	6	3	0	0	0	0	0	11	
	area N.A.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
TOTAL	70	19	7	3	2	2	0	0	103	2	8	3	0	2	0	0	0	15		
KAYSER	< 50 ha	31	0	3	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	
	50 - 100 ha	8	0	4	2	0	0	0	0	14	0	0	2	0	0	0	0	0	2	
	100 - 150 ha	6	0	2	2	0	0	0	0	10	2	0	0	0	0	0	0	0	2	
	> 150 ha	8	3	5	3	0	0	0	1	20	2	1	2	0	0	0	0	0	5	
	area N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	53	3	14	7	0	0	0	1	78	4	1	4	0	0	0	0	0	9		
SIVAS	< 50 ha	124	2	0	0	0	0	0	2	128	4	0	0	0	0	0	0	0	4	
	50 - 100 ha	25	0	0	1	0	0	0	5	31	1	0	0	0	0	0	0	0	1	
	100 - 150 ha	11	4	0	1	0	0	0	1	17	1	0	0	0	0	0	0	0	1	
	> 150 ha	31	4	0	0	17	9	2	2	65	8	0	0	0	2	0	0	0	10	
	area N.A.	7	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	
TOTAL	199	10	0	2	17	9	3	5	240	14	0	0	0	2	0	0	0	16		
TRABZON	< 50 ha	132	0	0	0	0	0	0	0	132	0	0	0	0	0	0	0	0	0	
	50 - 100 ha	33	1	0	8	0	0	0	0	42	2	0	0	1	0	0	0	0	8	
	100 - 150 ha	11	0	0	2	1	0	0	0	14	4	0	0	0	0	0	0	0	4	
	> 150 ha	14	1	0	1	0	0	0	0	16	2	0	0	0	0	0	0	0	2	
	area N.A.	0	2	0	4	0	0	0	1	7	2	0	0	0	0	0	0	0	2	
TOTAL	190	4	0	15	1	0	0	1	211	15	0	0	1	0	0	0	0	16		
SAMSON	< 50 ha	34	1	0	0	0	0	1	1	37	3	0	0	0	0	0	0	1	4	
	50 - 100 ha	18	1	0	1	0	0	0	0	20	4	0	0	1	0	0	0	0	5	
	100 - 150 ha	6	0	0	1	1	0	0	0	8	4	0	0	0	0	0	0	0	4	
	> 150 ha	5	1	3	0	3	0	2	0	14	4	1	0	0	2	0	1	0	8	
	area N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	63	3	3	2	4	0	3	1	79	15	1	0	1	2	0	1	0	21		
KASTA-MONU	< 50 ha	52	2	2	1	3	0	0	1	61	0	0	0	0	0	0	0	0	0	
	50 - 100 ha	19	0	10	3	1	0	0	0	33	3	0	0	2	0	0	0	0	5	
	100 - 150 ha	10	0	11	4	2	1	0	0	28	1	0	1	0	0	0	0	0	2	
	> 150 ha	10	1	10	1	1	1	0	0	24	1	1	0	0	0	0	0	0	2	
	area N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	91	3	33	9	7	2	0	1	146	5	1	1	2	0	0	0	0	9		
ESKI-SHIR	< 50 ha	3	0	1	2	0	0	0	0	6	0	0	0	2	0	0	0	0	2	
	50 - 100 ha	2	4	6	1	0	0	0	0	13	1	2	1	0	0	0	0	0	5	
	100 - 150 ha	1	1	11	1	0	0	0	0	14	1	0	3	0	0	0	0	0	4	
	> 150 ha	1	3	8	3	0	4	0	0	19	1	1	0	3	0	0	0	0	5	
	area N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	7	8	26	7	0	4	0	0	62	3	3	4	6	0	0	0	0	16		
ANTAL-YA	< 50 ha	28	0	0	1	0	0	0	0	29	1	0	0	0	0	0	0	0	1	
	50 - 100 ha	9	1	2	0	1	0	0	0	13	0	1	0	0	0	0	0	0	1	
	100 - 150 ha	2	1	4	0	0	0	0	0	7	2	1	0	0	0	0	0	0	4	
	> 150 ha	3	4	9	1	2	0	0	0	19	1	1	5	1	0	0	0	0	8	
	area N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	42	6	15	2	3	0	0	0	68	4	3	6	1	0	0	0	0	14		
IZMIR	< 50 ha	3	4	4	1	0	0	0	0	12	0	1	5	0	0	0	0	0	6	
	50 - 100 ha	2	3	1	0	0	0	0	0	6	1	0	0	2	0	0	0	0	3	
	100 - 150 ha	2	4	5	1	0	0	0	0	12	2	0	5	0	0	0	0	0	7	
	> 150 ha	8	5	16	2	0	0	0	0	33	3	1	1	1	0	0	0	0	6	
	area N.A.	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	4	
TOTAL	15	16	28	4	0	0	0	0	63	6	4	12	4	0	0	0	0	26		
BURSA	< 50 ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	50 - 100 ha	0	3	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	2	
	100 - 150 ha	0	3	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	1	
	> 150 ha	4	2	2	0	0	0	0	0	8	2	2	1	0	0	0	0	0	5	
	area N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	4	8	2	0	0	0	0	0	14	2	5	1	0	0	0	0	0	8		
ISTAN-BUL	< 50 ha	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
	50 - 100 ha	1	3	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	
	100 - 150 ha	1	3	2	0	0	0	0	0	6	0	0	1	0	0	0	0	0	1	
	> 150 ha	1	4	2	0	0	0	0	0	7	0	0	2	0	0	0	0	0	2	
	area N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3	11	4	0	0	0	0	0	18	0	0	3	0	0	0	0	0	3		
TOTAL STUDY AREA	< 50 ha	554	12	17	7	7	0	1	5	603	8	1	5	2	0	0	1	0	17	
	50 - 100 ha	160	19	39	17	4	0	0	5	244	19	6	4	7	0	0	0	0	36	
	100 - 150 ha	76	19	47	12	6	3	1	0	164	21	3	11	0	2	1	0	0		

Table 2-3 Breakdown of Long and Short List into Agro-Ecological Zones

ZONE No.	BREAKDOWN OF LONG LIST INTO AGROECOLOGICAL ZONES										BREAKDOWN OF SHORT LIST INTO AGROECOLOGICAL ZONES									
	CONV. AREA (ha)	WEIR	DAM	GROUND WATERS	SOL. CONSERVATION	DRAIN. AGE	CONSERV. PATRON	CONSERV. PRODUCT	NOTICE	LIST TOTAL	WEIR	DAM	GROUND WATERS	SOL. CONSERVATION	DRAIN. AGE	CONSERV. PATRON	CONSERV. PRODUCT	NOTICE	LIST TOTAL	
1-1	< 50 ha	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	50 - 100 h	1	5	0	0	0	0	0	0	6	0	1	0	0	0	0	0	0	0	1
	100 - 150 h	1	4	2	0	0	0	0	0	7	0	0	1	0	0	0	0	0	0	1
	> 150 ha	4	5	2	0	0	0	0	0	11	1	0	2	0	0	0	0	0	0	3
	area N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	6	15	4	0	0	0	0	0	25	1	1	3	0	0	0	0	0	0	6	
1-2	< 50 ha	3	4	4	1	0	0	0	0	12	0	1	5	0	0	0	0	0	0	6
	50 - 100 h	3	4	2	0	0	0	0	0	9	1	1	0	2	0	0	0	0	0	4
	100 - 150 h	1	7	8	1	0	0	0	0	18	3	3	5	0	0	0	0	0	0	11
	> 150 ha	10	9	26	3	2	0	0	0	50	3	2	6	1	1	0	0	0	0	15
	area N.A.	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	4
TOTAL	18	24	40	5	2	0	0	0	80	4	7	13	4	2	0	0	0	0	40	
1-3	< 50 ha	59	0	1	2	0	0	0	0	62	1	0	0	0	0	0	0	0	0	1
	50 - 100 h	21	1	3	0	1	0	0	0	26	0	1	0	0	0	0	0	0	0	1
	100 - 150 h	10	1	2	0	0	1	0	0	14	1	1	1	0	2	0	0	0	0	5
	> 150 ha	19	19	6	2	2	1	0	0	48	2	7	4	0	0	0	0	0	0	13
	area N.A.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL	110	20	12	4	3	2	0	0	151	4	9	5	0	2	0	0	0	0	20	
2	< 50 ha	154	3	3	1	3	0	0	1	194	0	0	0	0	0	0	0	0	0	0
	50 - 100 h	63	1	10	12	1	0	0	0	77	11	0	0	4	0	0	0	0	0	15
	100 - 150 h	21	0	11	1	2	1	0	0	43	5	0	1	0	0	0	0	0	0	6
	> 150 ha	25	3	10	2	3	1	0	0	44	4	2	0	0	2	0	0	0	0	8
	area N.A.	0	2	0	4	0	0	0	0	1	7	2	0	0	0	0	0	0	0	0
TOTAL	263	9	33	28	10	5	0	2	365	22	1	1	4	2	0	0	0	0	31	
3-1	< 50 ha	153	0	6	2	4	0	0	1	166	1	0	0	2	0	0	0	0	0	3
	50 - 100 h	48	8	3	3	2	0	0	0	64	4	3	3	1	0	0	0	0	0	11
	100 - 150 h	23	2	3	2	3	0	0	0	33	7	0	1	0	0	0	0	0	0	8
	> 150 ha	21	5	14	5	8	4	1	1	59	6	3	4	4	0	0	0	0	0	17
	area N.A.	1	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
TOTAL	246	15	26	13	17	4	1	2	324	18	4	8	7	0	0	0	0	0	39	
3-2	< 50 ha	29	3	4	1	0	0	0	1	37	0	0	0	0	0	0	0	0	0	0
	50 - 100 h	7	0	11	1	0	0	0	0	29	1	0	1	0	0	0	0	0	0	2
	100 - 150 h	7	1	20	1	0	1	0	0	30	3	0	9	0	0	1	0	0	0	7
	> 150 ha	17	20	51	3	2	7	5	1	106	7	0	25	1	0	3	3	0	0	39
	area N.A.	2	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
TOTAL	62	23	97	6	2	8	6	7	205	11	0	29	1	0	4	3	0	0	48	
3-3	< 50 ha	125	2	0	6	0	0	1	2	136	6	0	0	0	0	0	0	0	1	7
	50 - 100 h	27	0	0	1	0	0	0	5	33	2	0	0	0	0	0	0	0	2	
	100 - 150 h	13	4	0	1	0	0	1	0	19	1	0	0	0	0	0	0	0	1	
	> 150 ha	22	4	3	0	17	9	3	2	70	9	0	0	0	1	1	1	0	12	
	area N.A.	7	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
TOTAL	204	10	3	8	17	9	4	9	259	18	0	0	0	1	2	2	0	0	22	
TOTAL	< 50 ha	553	12	17	7	7	0	1	5	602	8	1	5	2	0	0	0	1	0	17
	50 - 100 h	160	19	39	17	4	0	0	5	244	19	6	4	7	0	0	0	0	0	36
	100 - 150 h	77	19	46	12	6	3	1	0	164	20	4	12	0	2	1	0	0	0	29
	> 150 ha	128	64	112	15	34	22	9	4	388	34	14	41	6	4	4	4	0	0	107
	area N.A.	11	2	1	5	0	0	0	0	20	2	2	1	1	0	0	0	0	0	6
TOTAL	929	118	213	56	51	25	11	15	1,418	83	27	63	18	6	8	8	0	0	255	

Note: The left-most column indicates the agro-ecological zones as follows:

- 1-1 MARMARA REGION OF MEDITERRANEAN ZONE
- 1-2 AEGEAN REGION OF MEDITERRANEAN ZONE
- 1-3 MEDITERRANEAN REGION OF DTTTO
- 2 BLACK SEA ZONE
- 3-1 CENTRAL-NORTHERN REGION OF CENTRAL ANATOLIAN ZONE
- 3-2 CENTRAL-SOUTHERN REGION OF CENTRAL ANATOLIAN ZONE
- 3-3 CENTRAL-EASTERN REGION OF CENTRAL ANATOLIAN ZONE

Table 2-4 Process of Selecting Short List Inventory

NAME OF REGIONS	Number of Projects (L. & S.)	Project Area by Type of Works						Project Household Number						Average per Hectare Project Cost of the projects planned in 1998 only						Average per Hectare Project Cost of all the projects planned															
		Weir		Well		Soil Cons.		Land Consol.		Drai- nage Proj.		Com- pound Proj.		Weir		Well		Soil Cons.		Land Consol.		Drai- nage Proj.		Com- pound Proj.		Weir		Well		Soil Cons.		Land Consol.		Drai- nage Proj.	
		Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)	Area (ha)	Cost (TL)		
ANKARA	167 Average	59.8	542.6	148.6	374.3	-	195.1	-	67	-	80	141	90	150	-	67	-	259	119	138	-	24	-	240	362	254	149	-	162	-	-	-	-	-	
	10 I.S.D.	94.0	852.3	85.1	261.8	-	226.6	-	75	-	120	206	98	260	-	75	-	102	379	158	-	347	-	75	642	232	16	15	52	-	-	-	-		
KONYA	171 Average	114.1	266.6	168.9	300.0	-	319.5	1111.8	-	2258	-	168	304	100	60	-	1791	-	83	221	152	125	3802	-	253	428	243	123	617	-	-	-	-		
	42 I.S.D.	105.6	163.8	124.3	-	119.5	522.2	-	-	-	129	140	71	-	-	-	-	-	64	-	-	75	-	-	-	377	772	397	185	-	-	-	-		
ADANA	103 Average	76.2	338.2	98.0	97.3	-	545.1	-	1386	-	115	889	173	83	-	1386	-	35	100	-	-	200	-	38	100	-	37	-	24	-	-	-	-		
	15 I.S.D.	62.3	228.5	58.8	81.8	-	565.6	-	1546	-	85	670	140	44	-	1546	-	38	100	-	-	200	-	38	100	-	37	-	24	-	-	-	-	-	
KAYSERI	78 Average	77.6	222.0	113.1	185.3	-	-	-	-	-	92	340	132	108	-	-	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9 I.S.D.	58.5	27.0	59.9	65.6	-	-	-	-	-	76	110	85	81	-	-	-	35	100	-	-	200	-	35	100	-	37	-	24	-	-	-	-	-	
SIVAS	248 Average	61.8	98.5	-	90.0	322.0	359.2	-	-	-	77	129	-	170	53	13	-	38	100	-	-	200	-	38	100	-	37	-	24	-	-	-	-	-	
	16 I.S.D.	59.5	59.6	-	10.0	261.9	183.3	-	-	-	59	120	-	30	68	23	-	38	100	-	-	200	-	38	100	-	37	-	24	-	-	-	-	-	-
TRABZON	211 Average	39.7	42.0	-	38.8	-	23.5	-	-	-	65	93	-	69	-	60	-	38	100	-	-	200	-	38	100	-	37	-	24	-	-	-	-	-	-
	16 I.S.D.	24.1	38.7	-	26.0	-	-	-	-	-	47	79	-	52	-	-	-	38	100	-	-	200	-	38	100	-	37	-	24	-	-	-	-	-	-
SAMSON	79 Average	65.8	130.8	5.7	113.0	-	-	166.5	-	125	-	135	165	258	113	-	275	-	88	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21 I.S.D.	44.8	108.1	1.2	27.0	-	-	97.9	-	125	-	98	95	41	27	-	125	-	131	150	38	84	-	-	-	-	-	-	-	-	-	-	-	-	-
KASTA-MONU	146 Average	70.7	64.4	96.3	112.5	90.7	79.0	-	-	-	85	60	63	50	59	66	-	131	150	38	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	52 I.S.D.	55.2	57.0	45.4	84.0	87.0	48.6	-	-	-	52	53	35	22	10	53	-	131	150	38	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESKI-SERIK	52 Average	86.9	132.7	106.6	84.8	665.5	-	-	-	-	72	167	104	89	305	-	-	131	150	38	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16 I.S.D.	59.3	60.0	49.6	42.7	417.3	-	-	-	-	36	86	55	39	170	-	-	131	150	38	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTA-LYA	68 Average	60.7	213.6	49.0	454.7	-	1791.9	-	-	-	136	188	135	234	-	1273	-	98	325	178	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	14 I.S.D.	54.3	163.0	9.0	445.4	-	2138.8	-	-	-	114	78	35	216	-	1489	-	98	325	178	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IZMIR	63 Average	131.2	131.1	162.1	78.7	-	-	-	-	-	219	253	259	126	-	-	-	171	19	131	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	26 I.S.D.	80.3	88.5	101.6	51.8	-	-	-	-	-	145	241	188	68	-	-	-	171	19	131	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BURSA	14 Average	226.8	306.5	129.8	-	-	-	-	-	-	301	176	3850	-	-	-	-	476	-	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3 I.S.D.	56.8	135.2	88.2	-	-	-	-	-	-	267	130	3650	-	-	-	-	476	-	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISTAN-BUL	18 Average	51.7	110.0	136.5	-	-	-	-	-	-	75	144	97	-	-	-	-	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3 I.S.D.	36.7	56.5	21.0	-	-	-	-	-	-	27	80	27	-	-	-	-	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3-1 Project Situations and Cost per ha

NAME OF REGIONS	Number of Projects		Project Status		Average per Hectare Project Cost of the projects planned in 1996 only						Average per Hectare Project Cost of all the projects planned						Project Cost per Farmer		per ha Project Cost								
	SR	PR	DD	NA	Total	S	voir	reser-	tube-	soil	land	drai	Com-	Total	S	voir	reser-	tube-		soil	land	drai	Com-	Farmet	Mum	Mini-	Mum
ANKARA	72	36	57	2	173	259	119	138	0	0	24	0	0	221	240	362	254	149	0	162	0	0	496.1	1,886	6		
KONYA	47	30	92	2	177	102	379	158	0	691	0	347	0	301	75	642	232	16	0	15	52	0	0	415.4	2,869	1	
ADANA	20	15	63	5	279	83	221	152	125	3802	0	0	0	365	253	428	243	123	617	0	0	0	193.5	2,623	1		
KAYSERI	6	33	34	1	65	64	0	0	75	0	0	0	0	378	377	772	397	185	0	0	0	0	601.2	1,735	7		
SIVAS	71	121	42	14	51	35	100	0	0	200	0	200	0	216	208	275	0	213	0	7	7	0	296.3	1,891	5		
TRABZON	35	53	118	5	35	38	10	0	37	0	24	0	0	317	311	974	0	220	0	32	32	0	142.7	1,221	1		
SAMSUN	18	20	39	2	100	88	173	0	86	0	0	0	0	152	129	360	105	314	0	44	524	0	106.1	3,463	22		
KASTAMONU	73	20	47	6	70	131	150	38	84	0	0	0	0	295	317	299	243	87	199	461	0	0	312.6	4,637	14		
ESKISEHIR	16	5	31	1	159	131	60	75	107	52	0	0	0	219	167	344	207	185	201	0	0	0	261.0	887	13		
ANTALYA	5	26	35	2	366	98	325	178	500	0	0	0	0	300	338	314	243	225	0	49	49	0	297.0	2,020	19		
IZMIR	10	27	25	1	137	171	19	131	44	0	0	0	0	323	315	290	356	148	0	0	0	0	190.7	2,725	15		
BURSA	6	6	2	0	314	476	0	178	0	0	0	0	0	334	203	417	264	0	0	0	0	0	166.9	1,159	14		
ISTANBUL	9	6	3	0	130	130	0	0	0	0	0	0	0	242	215	315	417	0	0	0	0	0	215.5	741	21		
TOTAL	1,418	388	398	588	41	157	123	184	119	123	1057	83	347	276	250	431	261	172	320	182	406	284.2	3,463	1			

Table 3-2 Scale, Type, Year of Planning and Estimated Cost

NAME OF REGIONS	Number of Projects	Project Components										Average Number Area (ha/AH)		Planned Year of the Project										
		weir	reser-	tube-	soil	land	drw	Com-	Area per Project	Area per House-holds	Area per Holding	70s	80s	90	91	92	93	94	95	96	97			
ANKARA	167	135	5	9	3	0	15	0	0	87.9	6,529	2.25	6.00	0.08	1	26	8	9	24	12	25	25	34	0
KONYA	171	58	20	74	2	8	2	5	2	207.1	25,741	1.38	24.80	0.05	0	11	1	12	2	15	39	37	47	0
ADANA	103	70	19	7	3	2	2	0	0	188.5	36,501	0.53	12.07	0.00	0	13	0	0	1	9	1	52	25	0
KAYSERI	78	53	3	14	7	0	0	0	1	105.4	4,908	1.59	10.19	0.01	1	12	1	12	1	14	8	12	7	1
SIVAS	248	198	10	0	2	9	17	3	9	100.8	18,215	1.37	13.04	0.00	13	112	6	14	12	18	13	13	15	2
TRABZON	211	190	4	0	15	0	1	0	1	29.5	13,840	0.45	4.40	0.05	4	42	16	20	25	15	32	28	28	0
SAMSUN	79	63	3	3	2	0	4	3	1	187.8	21,177	0.70	4.48	0.05	0	6	5	6	7	14	11	15	14	0
KASTAMONU	146	91	3	33	9	2	7	0	1	79.8	11,021	1.06	6.97	0.13	0	13	0	1	10	16	29	39	35	0
ESKISEHIR	52	7	8	26	7	4	0	0	0	150.7	6,730	1.19	4.29	0.15	0	1	0	2	5	1	9	13	20	0
ANTALYA	68	42	6	15	2	0	3	0	0	190.4	13,086	0.99	3.20	0.02	0	6	0	1	6	3	14	25	10	1
IZMIR	63	15	16	28	4	0	0	0	0	141.6	15,073	0.59	2.10	0.13	0	2	2	0	0	5	8	22	23	0
BURSA	14	4	8	2	0	0	0	0	0	368.2	10,309	0.50	3.13	0.28	0	2	0	1	1	2	1	2	3	2
ISTANBUL	18	3	11	4	0	0	0	0	0	108.9	2,197	0.89	3.39	0.17	0	3	4	0	1	5	1	1	3	0
TOTAL	1,418	929	116	215	56	25	51	11	15	121.48	185,327	0.93	24.80	0.00	19	249	43	78	95	129	191	284	264	6

Table 3-3 Households, Planned Facilities of Listed Projects

NAME OF REGIONS	No. of Households project mean maximum	Farmers' organization yes no	Priority		Facility of Water Source existing developed	Average Project Area (ha) by Project Types										
			3 yrs	3-5 yrs		11 yrs	Sewer	Reser.	Tube-well	Soil cons.	Land	Drai.	Com-pound			
ANKARA	109 500	7 14	140 97	53 13	19 129	60	1,198	149	374	-	195	-	-	-	-	-
KONYA	257 4,800	15 98	55 93	18 3	33 106	114	267	369	300	-	320	1,182	-	-	-	-
ADANA	365 9,500	15 18	80 84	16 2	16 87	210	260	98	97	-	545	-	-	-	-	-
KAYSERI	109 750	15 11	46 43	10 13	12 57	78	222	113	185	-	-	-	-	-	-	-
SIVAS	84 820	10 6	222 34	164 48	28 196	62	99	-	90	838	359	-	-	-	-	-
TRABZON	67 600	5 2	206 80	113 17	17 186	40	42	-	39	-	24	-	-	-	-	-
SAMSUN	517 9,587	12 8	71 39	21 7	12 63	506	131	6	113	-	-	-	-	-	-	167
KASTAMONU	78 480	3 40	103 77	8 7	14 117	71	64	96	150	91	79	-	-	-	-	-
ESKISEHIR	134 600	20 34	17 38	13 1	8 42	87	133	107	85	666	-	-	-	-	-	-
ANTALYA	195 3,500	5 28	38 62	6 0	20 45	61	314	49	43	-	1,792	-	-	-	-	-
IZMIR	239 1,500	25 32	30 53	7 0	4 55	131	131	162	79	-	-	-	-	-	-	-
BURSA	736 7,500	50 4	10 6	6 2	1 13	227	407	130	-	-	-	-	-	-	-	-
ISTANBUL	122 325	30 4	14 16	2 0	0 17	52	110	137	-	-	-	-	-	-	-	-
TOTAL	232 9,587	3 299	1032 722	437 113	184 1,113	63	134	134	111	141	169	157	-	-	-	-

Table 3-4 Planned Works in the Listed Projects

NAME OF REGIONS	Storage Capacity of Reservoir		Catchment Area 1,000 sq. km		Maximum Discharge		Type of Dam/Headwork			Length of Dam/HWs			Height of Dam/HWs			Watershed Conservation		Groundwater maximum discharge																				
	mean	Max./Min.	mean	maxi- mini- num/num	mean	Max./ min.	Conc. rete	Earth Fill	Stone type	Tim- ber	Other type	mean	maxi- mini- num/num	mean	maxi- mini- num/num	needed	not needed	maxi- mini- num/num	maxi- mini- num/num																			
																				0.5	0.8	0.01	0.4	36.0	0.00	1.9	60.0	64	11	0	0	0	81	514	5	1.5	31.0	0.2
ANKARA	0.5	0.8	0.01	0.4	36.0	0.00	1.9	60.0	64	11	0	0	0	0	0	0	0	81	514	5	1.5	31.0	0.2	50	85	0	0	0	0	0	0	0	0					
KONYA	1.5	8.0	0.01	0.1	63.9	0.01	0.2	2.7	10	21	0	0	0	0	0	0	307	1,750	7	21.7	48.6	1.0	78	15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
ADANA	1.9	5.6	0.10	0.4	47.5	0.00	0.3	5.0	0	22	0	0	0	0	0	0	259	540	120	25.8	34.5	16.0	12	43	0	0	0	0	0	0	0	0	0	0	0			
KAYSERI	1.4	1.5	1.30	0.07	0.3	0.01	3.0	48.0	38	2	0	0	0	0	0	0	91	250	10	7.0	26.6	0.3	0	50	53	13	3	0	0	0	0	0	0	0	0			
SIVAS	0.7	1.4	0.00	0.02	0.3	0.00	0.1	10.0	113	19	1	0	0	0	0	0	32	290	3	11.4	27.0	0.3	180	53	0	0	0	0	0	0	0	0	0	0	0	0		
TRABZON	0.3	0.6	0.02	0.9	68.4	0.00	0.2	8.0	99	4	0	0	0	0	0	0	23	208	2	2.5	28.0	0.2	175	10	0	0	0	0	0	0	0	0	0	0	0	0		
SAMSUN	1.0	1.7	0.97	0.3	67.1	0.00	4.0	25.0	43	4	0	0	0	0	0	0	67	541	8	1.7	24.0	0.2	2	54	0	0	0	0	0	0	0	0	0	0	0	0	0	
KASTAMONU	1.3	2.2	0.90	0.3	5.1	0.00	0.8	27.1	6	3	0	0	0	0	0	0	92	210	15	10.5	25.0	0.5	1	104	20	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5		
ESKISEHIR	0.7	1.5	0.33	0.9	8.6	0.00	0.4	1.4	2	9	0	0	0	0	0	0	163	240	50	18.7	24.0	10.0	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANTALYA	1.7	3.6	0.56	0.1	1.5	0.00	0.8	30.0	2	7	0	0	0	0	0	0	200	359	13	21.6	42.0	0.3	2	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IZMIR	2.7	2.7	2.70	0.02	0.05	0.00	10.1	120	2	7	0	0	0	0	0	0	141	213	10	18.1	36.5	0.5	1	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BURSA	1.3	4.1	0.36	0.3	11.5	0.00	22.6	134	1	9	0	0	0	0	0	0	208	375	12	19.3	28.5	1.8	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISTANBUL	0.6	1.7	0.31	0.3	3.6	0.00	130	130	1	13	0	0	0	0	0	0	298	670	137	14.4	18.8	10.5	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.2	8.0	0.00	0.3	67.1	0.00	13.4	134	381	131	1	0	0	0	0	0	151	1,750	2	13.4	48.6	0.2	504	527	5.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	

Table 3-5 Dimensions of Groundwater and Canal

NAME OF REGIONS	Pump Head (meter)		Type of Well		Type of Pump			Bore Size		Canal System		Canal Type		Length of Lining		Length of Earth C.							
	mean	maxi- mum	deep	shallow	Bore-	Centri-	Verti-	Other	mean	maxi- mini- mum	Existing	to be Created	Lin- ing	Pipe	mean	maxi- mini- mum	mean	maxi- mini- mum					
ANKARA	11.5	36.0	6	2	0	5	1	7	0	490	750	300	21	137	76	13	96	4.9	10.3	0.8	11.9	12.5	1.8
KONYA	7.0	43.0	82	0	2	78	2	0	0	200	200	200	18	142	3	2	124	0	0	0	13.9	24.6	3.2
ADANA	9.2	20.0	5	0	1	3	2	1	0	255	400	100	9	93	18	1	96	0.8	1.1	0.4	5.6	5.6	5.6
KAYSERI	38.1	60.0	12	1	0	11	0	1	0	145	200	90	9	58	3	1	70	4.0	5.5	1.3	3.5	3.5	3.5
SIVAS	-	-	0	0	0	0	0	0	0	400	400	400	28	196	4	7	226	3.3	7.0	0.5	4.8	6.3	2.2
TRABZON	-	-	0	1	1	0	0	1	1	250	300	200	7	190	180	5	81	0.3	2.3	0.1	0.6	0.6	3.3
SAMSUN	5.0	6.0	3	0	0	3	1	0	0	208	225	200	5	65	5	2	71	3.3	5.5	1.6	6.5	6.5	6.5
KASTAMONU	2.4	4.0	29	4	0	0	0	34	0	216	400	200	16	118	25	12	115	3.1	7.6	1.3	3.4	10.1	1.0
ESKISEHIR	5.2	18.0	30	0	0	25	2	4	0	185	300	100	4	45	3	0	48	11.4	13.2	10.2	-	-	-
ANTALYA	4.1	11.0	17	0	0	17	0	0	0	179	200	100	16	47	6	0	50	0.5	2.9	0.1	-	-	-
IZMIR	5.1	11.0	26	0	1	11	1	5	10	307	450	250	3	51	8	4	54	12.8	28.9	2.3	5.1	8.5	3.1
BURSA	17.7	40.0	4	0	0	0	1	2	0	220	350	90	0	13	2	0	6	7.6	9.3	6.0	-	-	-
ISTANBUL	4.3	5.0	4	0	0	4	0	0	0	401	450	304	0	17	0	0	18	-	-	-	-	-	-
TOTAL	10.0	40.0	218	8	5	157	10	55	11	266	750	90	136	1172	333	47	1055	4.3	93.6	24.6	6.1	24.6	1.0

Note : * Flume with U-shaped section

Table 3-6 Soil and Cropping Plans of the Listed Project

NAME OF REGIONS	unit : km		31 Soil Fertility (double counting)				32 Crops and Cultivated Areas (ha)												
	Length of Pipeline		very good	good	poor	very poor	wheat	bar-ley	maize	paddy	beans	sugar beet	sur-flower	cotton	veg-tables	orch-ards	clover	other crops	
	mean	maxi-mum	mini-mum	maxi-mum	mini-mum	maxi-mum	mini-mum	maxi-mum	mini-mum	maxi-mum	mini-mum	maxi-mum	mini-mum	maxi-mum	mini-mum	maxi-mum	mini-mum	maxi-mum	
ANKARA	1.5	6.4	0.8	6	40	46	6	18,527	0	20	129	2,479	17,396	2,061	0	24,286	1,334	509	8,656
KONYA	0.2	10.5	0.4	14	7	37	10	12,119	1,331	0	0	8,172	21,472	40	0	9,787	14,484	1,695	22,269
ADANA	1.1	2.3	0.1	10	44	14	0	6,330	0	19,694	0	4,514	545	0	48,046	11,559	21,642	0	28,031
KAYSERI	4.0	12.0	0.6	1	14	42	1	1,733	32	0	0	584	2,138	173	0	1,598	168	464	1,960
SIVAS	2.2	2.6	0.2	59	145	97	17	2,899	244	44	700	3,052	2,733	3	0	4,024	489	3,518	4,772
TRABZON	3.3	12.3	0.7	10	81	115	43	4,122	2,685	502	123	3,425	882	0	0	650	1,283	3,607	6,913
SAMSUN	5.0	16.0	0.8	11	54	40	4	5,010	20	31,521	65	597	14,841	14,178	0	32,040	182	0	10,434
KASTAMONU	3.5	15.7	0.3	28	49	10	9	1,626	25	1,471	4,472	2,585	1,382	624	109	2,262	98	325	4,446
ESKISEHIR	8.7	32.5	1.3	11	42	20	4	3,380	48	0	0	1,193	3,455	168	0	3,070	507	252	2,675
ANTALYA	0.7	2.9	0.3	7	37	22	7	751	0	141	0	380	2,372	0	787	2,803	2,662	359	3,017
IZMIR	8.6	28.9	0.7	16	39	14	2	2,144	26	466	0	410	1,597	0	1,848	4,422	2,238	520	4,326
BURSA	15.2	58.7	3.2	3	8	7	0	435	0	161	114	563	8	219	307	991	6,703	24	303
ISTANBUL	13.0	84.5	3.1	4	14	8	2	182	0	689	0	3,449	6,009	3,423	0	339	0	1,325	4,723
TOTAL	4.5	58.7	0.1	180	574	472	105	59,258	4,411	54,709	5,603	31,403	74,870	20,889	51,097	97,831	51,790	12,598	102,525

Table 4-1 Land Holding Pattern of Short List Projects

Remarks : Lower columns give percentages.

Region	NUMBER OF HOUSEHOLDS FALLING ON EACH HOLDING-SIZE												ACREAGE DISTRIBUTION												Total Acrtage
	0 ha		0.5 ha		1.0 ha		2.0 ha		5.0 ha		10 ha		20 ha		50 ha		100 ha		over		Total				
	0.5 ha	1.0 ha	2.0 ha	5.0 ha	10.0 ha	20 ha	50 ha	100 ha	over	0.5 ha	1.0 ha	2.0 ha	5.0 ha	10.0 ha	20 ha	50 ha	100 ha	over	100 ha	Acrtage					
ANKARA	802	575	374	371	190	124	66	0	2,502	7,187	8,336	9,611	11,276	2,315	1,892	1,870	0	0	0	42,487					
KONYA	1,543	1,406	2,611	776	285	101	60	44	6,834	1,910	2,217	5,669	7,633	2,994	2,187	3,057	4,000	1,940	0	31,607					
ADANA	220	260	1,942	1,685	1,210	975	528	3,500	10,523	93	275	2,623	6,253	10,056	10,155	12,754	12,020	5,380	0	59,608					
KAYSERI	15	242	191	268	475	220	84	56	1,813	7	239	382	1,390	2,950	3,340	3,950	5,240	62,013	0	79,511					
SIVAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
TRABZON	300	580	300	395	55	5	0	0	1,635	569	1,486	727	1,768	285	55	0	0	0	0	4,890					
SAMSUN	305	1,313	4,804	6,571	4,125	1,587	478	22	19,208	132	1,078	6,473	21,168	39,857	22,458	12,303	1,270	330	0	105,069					
KASTAMONU	150	351	171	165	49	9	0	0	895	117	259	234	391	288	54	0	0	0	0	1,343					
ESKISEHIR	734	366	402	304	159	80	99	16	2,161	1,608	752	1,588	1,480	1,490	1,620	2,066	1,170	150	0	11,924					
ANTALYA	835	785	540	276	53	22	0	0	2,511	2,551	1,798	1,417	801	379	264	0	0	0	0	7,210					
IZMIR	2,039	2,405	1,739	1,019	282	196	25	30	7,735	567	1,203	2,501	2,381	1,479	2,087	500	800	0	0	11,518					
BURSA	326	456	273	329	61	11	0	0	1,456	103	921	505	1,211	432	302	0	0	0	0	3,474					
ISTANBUL	40	30	32	65	144	134	32	11	490	20	24	52	303	1,276	2,260	1,230	660	930	0	6,755					
Area Total	7,309	8,769	13,379	12,224	7,088	3,464	1,372	3,679	57,763	14,863	18,589	31,783	56,054	63,800	46,674	37,730	25,160	70,743	0	365,395					
ANKARA	32.1%	23.0%	14.9%	14.8%	7.6%	5.0%	2.6%	0.0%	100.0%	16.9%	19.6%	22.6%	26.5%	5.4%	4.5%	4.4%	0.0%	0.0%	0.0%	100.0%					
KONYA	22.6%	20.6%	38.2%	11.4%	4.2%	1.5%	0.9%	0.6%	100.0%	6.0%	7.0%	17.9%	24.1%	9.5%	6.9%	9.7%	12.7%	6.1%	6.1%	100.0%					
ADANA	2.1%	2.5%	18.5%	16.0%	11.5%	9.3%	5.0%	33.3%	100.0%	0.2%	0.5%	4.4%	10.5%	16.9%	17.0%	21.4%	20.2%	9.0%	9.0%	100.0%					
KAYSERI	0.8%	13.3%	10.5%	14.8%	26.2%	12.1%	4.6%	3.1%	100.0%	0.0%	0.3%	0.5%	1.7%	3.7%	4.2%	5.0%	6.6%	78.0%	78.0%	100.0%					
SIVAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TRABZON	18.3%	35.5%	18.3%	24.2%	3.4%	0.3%	0.0%	0.0%	100.0%	11.6%	30.4%	14.9%	36.2%	5.8%	1.1%	0.0%	0.0%	0.0%	0.0%	100.0%					
SAMSUN	1.6%	6.8%	25.0%	34.2%	21.5%	8.3%	2.5%	0.1%	100.0%	0.1%	1.0%	6.2%	20.1%	37.9%	21.4%	11.7%	1.2%	0.3%	0.3%	100.0%					
KASTAMONU	16.8%	39.2%	19.1%	18.4%	5.5%	1.0%	0.0%	0.0%	100.0%	8.7%	19.3%	17.4%	29.1%	21.4%	4.0%	0.0%	0.0%	0.0%	0.0%	100.0%					
ESKISEHIR	34.0%	16.9%	18.6%	14.1%	7.4%	3.7%	4.6%	0.7%	100.0%	13.5%	6.3%	13.3%	12.4%	12.5%	13.6%	17.3%	9.8%	1.3%	1.3%	100.0%					
ANTALYA	33.3%	31.3%	21.5%	11.0%	2.1%	0.9%	0.0%	0.0%	100.0%	35.4%	24.9%	19.7%	11.1%	5.3%	3.7%	0.0%	0.0%	0.0%	0.0%	100.0%					
IZMIR	26.4%	31.1%	22.5%	13.2%	3.6%	2.5%	0.3%	0.4%	100.0%	4.9%	10.4%	21.7%	20.7%	12.8%	18.1%	4.3%	6.9%	0.0%	0.0%	100.0%					
BURSA	22.4%	31.3%	18.8%	22.6%	4.2%	0.8%	0.0%	0.0%	100.0%	3.0%	26.5%	14.5%	34.9%	12.4%	8.7%	0.0%	0.0%	0.0%	0.0%	100.0%					
ISTANBUL	8.2%	6.1%	6.5%	13.3%	29.4%	27.3%	6.5%	2.2%	100.0%	0.3%	0.4%	0.8%	4.5%	18.9%	33.5%	18.2%	9.8%	13.8%	13.8%	100.0%					
Area Total	16.8%	19.8%	17.9%	16.0%	9.7%	5.6%	2.1%	3.1%	100.0%	7.7%	11.3%	11.8%	17.8%	12.5%	10.5%	7.1%	5.2%	8.3%	8.3%	100.0%					

Table 4-2 Project Distribution by Agro-Ecological Zones

Unit : ha; figures for agro-ecological zones are presented on project basis

Region	Number of available data	Land Use										Total Land Area
		Total Arable Area	Annual Crop	Perennial Crop	Fallow Area	Grass-land	Residential Area	Forest Area	River/Pond	Other form Land Use	Total Land Area	
ANKARA	10	28,471	10,299	8,299	5,271	4,602	3,122	2,612	410	645	35,260	
KONYA	24	139,224	46,883	38,881	28,981	24,479	3,172	1,906	0	7,340	151,642	
ADANA	15	97,451	84,390	7,208	1,851	4,002	1,101	45,995	345	3,268	148,159	
KAYSERI	9	32,862	11,114	10,164	5,714	5,870	2,130	0	0	9,100	44,092	
SIVAS	15	61,130	38,056	9,084	6,473	7,517	169	2,221	200	16,092	79,812	
TRABZON	16	24,003	4,651	2,046	985	16,321	257	19,706	62	3,335	47,363	
SAMSUN	21	107,494	62,539	38,344	2,963	3,649	2,364	13,105	15,575	9,101	147,638	
KASTAMONU	8	2,060	779	456	710	116	148	1,982	197	467	4,854	
ESKISEHIR	14	22,853	8,175	4,628	3,410	6,640	723	4,954	117	1,427	30,074	
ANTALYA	14	14,112	4,991	4,561	3,295	1,265	458	10,790	500	4,801	30,661	
IZMIR	26	21,586	13,328	5,399	1,039	1,820	1,458	6,007	192	2,804	32,046	
BURSA	7	4,906	2,286	1,592	698	330	555	11,183	20	1	16,666	
ISTANBUL	3	11,540	6,800	4,300	0	440	180	0	53	267	12,040	
Area Total	182	567,692	294,290	134,961	61,390	77,051	15,836	120,460	17,672	58,648	780,307	
mean area / project	-	3,119	1,617	742	337	423	87	662	97	322	4,287	
AE zone 1...1	4	3,036	1,759	1,120	40	118	48	1,125	13	67	4,289	
AE zone 1...2	41	878	443	261	107	67	59	507	17	185	1,646	
AE zone 1...3	20	5,075	4,330	395	117	233	58	2,435	19	164	7,751	
AE zone 2	30	3,922	2,040	1,172	96	614	66	860	527	406	5,781	
AE zone 3...1	35	2,145	797	574	330	444	87	390	15	36	2,673	
AE zone 3...2	32	5,028	1,710	1,432	1,028	858	143	60	0	541	5,772	
AE zone 3...3	20	3,210	1,904	560	359	387	44	266	12	837	4,369	
Area Total	182	82.1%	42.6%	19.5%	8.9%	11.1%	2.3%	17.4%	2.6%	8.5%	100.0%	

Table 4-3 Land Use of Short List Projects

Region	Cropping Areas (ha)										Irrigated Cropping Intensity				Crop Production (ton)					Number of Farm Machinery Owned by Farmers			
	Grains	Tuber	Beans	Industrial Cr.	Fruit	Vegetables	Ornamental Crops	TOTAL AREA	Cropping Intensity	Grains	Tuber	Beans	Industrial Cr.	Fruit	Vegetables	Ornamental Crops	4w. tractor	Sprayer	L. Sower	Harvester			
ANKARA	5,306	160	35	515	898	645	0	14,250	15.8%	84,895	3,083	12,800	1,200	21,668	14,020	0	654	342	354	13			
KONYA	30,622	8,408	3,735	4,973	472	1,654	0	100,818	19.1%	75,262	305,751	27,424	156,526	7,434	26,350	0	1,858	1,231	1,603	178			
ADANA	28,919	130	230	13,731	7,607	1,489	0	98,708	23.5%	179,808	130	184	108,748	238,075	106,279	0	5,034	1,382	2,140	23			
KAYSERI	14,746	3,610	1,296	100	332	191	0	21,478	25.7%	35,594	35,400	3,550	1,000	3,960	3,736	0	555	607	518	11			
SIVAS	7,744	22,108	375	4,627	203	195	0	38,249	71.9%	2,058	120	175	23,175	45	375	0	269	74	35	1			
TRABZON	2,511	439	344	0	215	560	0	10,308	15.1%	75,971	72,285	7,380	0	1,980	4,370	900	118	32	8	36			
SAMSUN	39,318	893	11,118	14,522	278	30,604	0	101,911	56.3%	85,636	24,820	46,854	366,371	3,080	278,090	0	5,594	6,135	1,865	153			
KASTAMONU	754	231	61	70	104	139	0	2,061	29.4%	5,190	36,411	8,502	428	11,636	12,032	0	346	182	95	10			
ESKISEHIR	4,933	176	696	361	186	592	0	11,485	17.5%	8,065	2,357	608	14,460	3,826	26,450	0	487	333	247	8			
ANTALYA	4,547	203	178	4,250	1,656	927	80	12,873	56.7%	19,113	4,951	2,415	161,090	40,720	22,790	1,840	651	205	216	154			
IZMIR	6,683	293	389	3,402	13,037	975	0	18,521	97.7%	11,667	3,286	1,191	25,355	14,318	27,880	0	2,172	2,085	1,047	19			
BURSA	1,827	5	90	1,176	132	200	0	4,424	36.2%	21,938	10	180	1,431	810	10,270	0	339	129	65	0			
ISTANBUL	4,300	5	11	2,484	0	10	0	6,900	36.4%	17,200	20	11	3,600	0	10	0	395	305	367	8			
Area Total	152,208	36,661	18,557	50,211	25,120	38,180	80	441,986	38.2%	622,398	488,624	111,274	863,384	347,551	532,692	2,740	18,472	13,042	8,560	614			
	Cropping Acreage / Farm Household										Crop Yield ton / ha										No. of Machinery / Household		
ANKARA	2.15	0.06	0.01	0.21	0.36	0.26	0.00	5.78	-	0.06	0.05	0.00	0.43	0.04	0.05	-	0.27	0.14	0.14	0.01			
KONYA	3.07	0.84	0.38	0.50	0.05	0.17	0.00	10.12	-	0.41	0.03	0.14	0.03	0.06	0.06	-	0.19	0.12	0.16	0.02			
ADANA	2.01	0.01	0.02	0.95	0.53	0.10	0.00	6.86	-	0.16	1.00	1.25	0.13	0.03	0.01	-	0.35	0.10	0.15	0.00			
KAYSERI	9.58	2.35	0.84	0.06	0.22	0.12	0.00	13.96	-	0.41	0.10	0.36	0.10	0.08	0.05	-	0.36	0.39	0.34	0.01			
SIVAS	2.11	6.03	0.10	1.26	0.06	0.05	0.00	10.43	-	0.38	0.18	2.14	0.20	4.51	0.52	-	0.07	0.02	0.01	0.00			
TRABZON	1.29	0.23	0.18	0.00	0.11	0.29	0.00	5.30	-	0.03	0.01	0.05	0.04	0.11	0.13	0.00	0.06	0.02	0.00	0.02			
SAMSUN	2.00	0.05	0.57	0.74	0.01	1.56	0.00	5.19	-	0.46	0.04	0.24	0.04	0.09	0.11	-	0.29	0.31	0.10	0.01			
KASTAMONU	0.75	0.23	0.06	0.07	0.10	0.14	0.00	2.05	-	0.15	0.01	0.01	0.16	0.01	0.01	-	0.34	0.18	0.09	0.01			
ESKISEHIR	2.46	0.09	0.35	0.18	0.09	0.29	0.00	5.72	-	0.61	0.07	1.14	0.02	0.05	0.02	-	0.24	0.17	0.12	0.00			
ANTALYA	0.96	0.04	0.04	0.90	0.35	0.20	0.02	2.72	-	0.24	0.04	0.07	0.03	0.04	0.04	0.04	0.14	0.04	0.05	0.03			
IZMIR	0.71	0.03	0.04	0.36	1.38	0.10	0.00	1.96	-	0.57	0.09	0.33	0.13	0.91	0.03	-	0.23	0.22	0.11	0.00			
BURSA	1.32	0.00	0.07	0.85	0.10	0.14	0.00	3.20	-	0.08	0.50	0.50	0.82	0.16	0.02	-	0.24	0.09	0.05	0.00			
ISTANBUL	8.78	0.01	0.02	5.07	0.00	0.02	0.00	14.08	-	0.25	0.25	1.00	0.69	1.00	1.00	-	0.31	0.62	0.75	0.02			
Area Total	2.86	0.77	0.21	0.86	0.26	0.27	0.00	6.72	-	0.24	0.08	0.17	0.06	0.07	0.07	0.03	0.28	0.19	0.16	0.01			

Table 4-4 Topography and Soils in the Short List Projects

A. E. Zone	Climatological Values	Atmospheric Temperature		Annual (mm) Precipitation	of which, during		Topography				Soil Type							
		Temperature	Temperature		April-October	April-October	Plain	Undulating	Hilly	P/U	U/H	Clay	C L	L	Si L	Silt	S L	Sand
Total	Average Value	12.4	24.0	500.7	168.4	72	101	5	14	8	38	39	34	20	10	27	10	20
Area	Maximum Value	24.0	1,257.3	1,029.1														
	Minimum Value	7.0	45.0	0.0														
1...1	Average Value	13.6	652.1	205.7		1	2	0	1	1	3	1	0	1	0	0	0	0
	Maximum Value	14.6	930.0	218.0														
	Minimum Value	13.0	518.6	192.7														
1...2	Average Value	14.8	632.6	337.9		16	16	2	3	0	2	8	15	1	3	2	2	3
	Maximum Value	18.8	1,257.3	231.8														
	Minimum Value	10.5	45.0	102.0														
1...3	Average Value	16.3	746.9	191.3		7	12	1	0	0	6	2	3	2	2	0	0	5
	Maximum Value	24.0	1,241.0	1,029.1														
	Minimum Value	8.3	159.7	11.3														
2	Average Value	11.7	542.4	234.4		5	21	0	2	2	6	6	0	5	1	6	2	3
	Maximum Value	15.0	1,064.8	416.4														
	Minimum Value	7.0	269.0	42.2														
3...1	Average Value	11.4	415.9	162.8		6	22	1	5	1	4	7	5	2	2	10	2	3
	Maximum Value	15.1	845.9	229.6														
	Minimum Value	8.0	307.2	120.0														
3...2	Average Value	11.0	367.4	225.1		31	14	1	3	2	8	14	5	9	1	7	4	4
	Maximum Value	18.2	655.5	655.5														
	Minimum Value	7.8	249.3	83.9														
3...3	Average Value	10.3	406.4	293.1		6	14	0	0	2	9	1	6	0	1	2	0	2
	Maximum Value	13.6	579.7	579.7														
	Minimum Value	8.6	327.2	327.2														

Table 4-5 Socio-Economic Situations of Short List Projects

Unit : lower columns indicating figures per project

Region	Total Population		Number of Past Record		Population		Population Growth Rate		Total No. of		Mean Annual		Ratio of		Share of		Farm HH. Income
	1,000 psn	1,000 psn	1,000 psn	1,000 psn	Density	annual %	Household number	Household	million TL	Income/H.hold	million TL	Ann. IC per Farm H.hold	Active Population	Member	Farm HH. %	Farm Income % /crop.ha	
ANKARA	24,787	11,459	19,281	62	1.29	3,079	2,464	2,185	1,997	8.1	80.0%	91.4%	172.8				
KONYA	82,858	28,452	58,340	15	-	11,673	9,991	1,465	850	7.1	85.6%	58.0%	61.0				
ADANA	119,264	65,992	85,410	136	3.79	22,088	14,380	3,100	4,581	5.4	65.1%	147.8%	676.0				
KAYSERI	11,791	5,271	9,493	50	2.81	1,717	1,539	1,980	1,620	6.9	89.6%	81.8%	75.9				
SIVAS	21,108	5,205	13,330	-	-	3,679	3,666	1,007	920	5.7	99.6%	91.4%	55.2				
TRABZON	9,132	5,064	8,032	26	-0.18	2,009	1,945	1,581	1,531	4.5	96.8%	96.8%	124.1				
SAMSUN	146,404	45,025	131,066	78	0.75	20,245	19,623	1,562	1,637	7.2	96.9%	104.8%	298.8				
KASTAMONU	5,170	2,460	4,928	24	4.89	1,061	1,006	1,745	1,625	4.9	94.8%	93.1%	793.6				
ESKISEHIR	13,010	7,948	11,834	64	0.60	2,824	2,007	2,518	2,208	4.6	71.1%	87.7%	193.9				
ANTALYA	12,280	6,221	10,109	26	1.21	2,803	4,741	2,405	2,275	4.4	169.1%	94.6%	764.3				
IZMIR	40,890	18,869	27,122	77	2.00	9,736	9,471	4,249	3,203	4.2	97.3%	75.4%	1,405.3				
BURSA	5,688	2,660	5,227	167	1.81	1,424	1,384	2,030	1,780	4.0	97.2%	87.7%	502.1				
ISTANBUL	2,810	1,575	2,195	-	2.70	490	490	930	930	5.7	100.0%	100.0%	39.5				
Area Total	495,192	206,201	386,367	66	1.97	82,828	72,707	26,757	25,157	5.6	95.6%	93.1%	397.1				
ANKARA	2,479	1,146	1,928	-	-	308	246	219	200	-	-	-	-				
KONYA	1,973	677	1,389	-	-	278	238	35	20	-	-	-	-				
ADANA	7,951	4,399	5,694	-	-	1,473	959	207	305	-	-	-	-				
KAYSERI	1,310	586	1,055	-	-	191	171	220	180	-	-	-	-				
SIVAS	1,319	325	833	-	-	230	229	63	58	-	-	-	-				
TRABZON	571	317	502	-	-	126	122	99	96	-	-	-	-				
SAMSUN	6,972	2,144	6,241	-	-	964	934	74	78	-	-	-	-				
KASTAMONU	574	273	548	-	-	118	112	194	181	-	-	-	-				
ESKISEHIR	813	497	740	-	-	177	125	157	138	-	-	-	-				
ANTALYA	877	444	722	-	-	200	339	172	163	-	-	-	-				
IZMIR	1,573	726	1,043	-	-	374	364	163	123	-	-	-	-				
BURSA	711	333	653	-	-	178	173	254	223	-	-	-	-				
ISTANBUL	937	525	732	-	-	163	163	310	310	-	-	-	-				
Area Total	2,416	1,006	1,885	-	-	404	355	131	123	-	-	-	-				

Table 4-6 Social Service, Infrastructure in the Short List Projects

Unit : lower columns showing figures per project

Region	Number of Schools			Number of Community Centers/Mosque	Number of Health Care Centers		Domestic Tap Water Supply %					Necessity of Road Pavement			Diffusion of Telephone %						
	Primary	Jun. high	High S.		Clinics	Hospitals	0-20	20-40	40-60	60-80	80-100	mean	High	Low	N.A.	0-20	20-40	40-60	60-80	80-100	mean
ANKARA	9	6	0	31	6	1	2	0	0	8	74	8	1	1	0	0	1	1	2	7	82
KONYA	65	23	4	128	16	3	10	0	1	13	55	25	14	3	7	1	1	3	30	73	
ADANA	57	21	0	80	25	1	0	0	3	12	94	13	2	0	1	2	1	10	74		
KAYSERI	11	4	0	14	3	0	0	0	0	9	100	8	0	1	0	1	0	1	7	81	
SIVAS	16	6	1	29	8	2	1	0	1	3	66	5	6	5	10	0	0	0	6	74	
TRABZON	17	2	1	23	8	0	4	2	0	5	56	10	6	0	4	0	3	4	5	81	
SAMSUN	53	10	0	75	65	0	2	0	3	2	77	19	2	0	3	5	8	4	1	40	
KASTAMONU	7	1	0	13	4	0	1	0	0	1	85	6	2	0	2	0	0	1	5	58	
ESKISEHIR	17	4	0	25	6	0	3	0	0	1	81	16	0	0	3	0	1	6	6	45	
ANTALYA	17	4	0	30	2	0	4	0	1	0	65	14	0	0	2	3	3	4	2	68	
IZMIR	28	6	1	70	15	1	0	0	0	0	95	15	5	6	7	3	7	6	3	65	
BURSA	10	0	0	19	1	0	1	0	0	0	89	8	0	0	0	0	0	4	4	51	
ISTANBUL	3	0	0	1	1	0	0	0	0	0	100	3	0	0	0	0	0	1	2	83	
Area Total	310	87	7	538	160	8	28	2	6	12	125	77	150	38	16	39	14	26	37	88	62
ANKARA	0.9	0.6	0.0	3.1	0.6	0.1	-	-	-	-	-	80.0%	10.0%	10.0%	-	-	-	-	-	-	
KONYA	1.5	0.5	0.1	3.0	0.4	0.1	-	-	-	-	-	59.5%	33.3%	7.1%	-	-	-	-	-	-	
ADANA	3.8	1.4	0.0	5.3	1.7	0.1	-	-	-	-	-	86.7%	13.3%	0.0%	-	-	-	-	-	-	
KAYSERI	1.2	0.4	0.0	1.6	0.3	0.0	-	-	-	-	-	88.9%	0.0%	11.1%	-	-	-	-	-	-	
SIVAS	1.0	0.4	0.1	1.8	0.5	0.1	-	-	-	-	-	31.3%	37.5%	31.3%	-	-	-	-	-	-	
TRABZON	1.1	0.1	0.1	1.4	0.5	0.0	-	-	-	-	-	62.5%	37.5%	0.0%	-	-	-	-	-	-	
SAMSUN	2.5	0.5	0.0	3.6	3.1	0.0	-	-	-	-	-	90.5%	9.5%	0.0%	-	-	-	-	-	-	
KASTAMONU	0.8	0.1	0.0	1.4	0.4	0.0	-	-	-	-	-	75.0%	25.0%	0.0%	-	-	-	-	-	-	
ESKISEHIR	1.1	0.3	0.0	1.6	0.4	0.0	-	-	-	-	-	100.0%	0.0%	0.0%	-	-	-	-	-	-	
ANTALYA	1.2	0.3	0.0	2.1	0.1	0.0	-	-	-	-	-	100.0%	0.0%	0.0%	-	-	-	-	-	-	
IZMIR	1.1	0.2	0.0	2.7	0.6	0.0	-	-	-	-	-	57.7%	19.2%	23.1%	-	-	-	-	-	-	
BURSA	1.3	0.0	0.0	2.4	0.1	0.0	-	-	-	-	-	100.0%	0.0%	0.0%	-	-	-	-	-	-	
ISTANBUL	1.0	0.0	0.0	0.3	0.3	0.0	-	-	-	-	-	100.0%	0.0%	0.0%	-	-	-	-	-	-	
Area Total	1.5	0.4	0.0	2.6	0.8	0.0	-	-	-	-	-	73.5%	18.6%	7.8%	-	-	-	-	-	-	

Table 4-7 Fishery, Forestry and Agro-Processing in the Short List Projects

Region	Livestock Holding										Inland Fishery			Forestry			Agro-Industry		Economic Indicators *			
	Dairy		Cattle		Sheep		Goat		Chicken		No. of Fish-pond	surface area of pond	Total Landing	Major Species	Main Forestry Production			quantity of products	APNIB mil.TL	B/C ratio	Est.O/M mil.TL	
	Cows	4,265	4,690	13,550	2,650	55,030	0	0	0	0					0	0	0					0
ANKARA	23,517	5,183	151,295	18,010	26,450	0	0	0	0	0	0	0	0	2,500	0	0	0	0	18,519	2.6	11,908	
KONYA	19,179	4,735	32,058	15,340	183,140	0	0	0	0	0	0	0	0	1,726	100	0	0	0	67,292	3.9	24,980	
ADANA	3,680	6,110	11,900	680	57,750	751	10	10	10	10	10	10	10	44,105	13,183	8	8	0	467,166	3.3	19,022	
KAYSERI	5,145	4,975	12,200	200	9,800	400	0	0	0	0	0	0	0	0	0	0	0	0	12,258	2.1	4,089	
SIVAS	6,670	5,465	13,966	2,733	20,199	0	0	0	0	0	0	0	0	1,876	0	0	0	0	94,173	2.2	3,353	
TRABZON	77,689	36,720	71,870	520	158,250	1	0	0	0	0	0	0	0	2,650	3,000	0	0	0	4,801	3.3	136	
SAMSUN	1,597	1,544	1,937	200	6,290	3	1	1	1	1	1	1	1	13,105	5,179	1	10	1	11,219	4.0	338	
KASTAMONU	2,217	2,875	21,865	5,084	49,077	0	0	0	0	0	0	0	0	1,862	3,050	1	7	0	13,363	4.2	6,296	
ESKISEHIR	5,174	6,233	10,765	10,482	15,695	0	0	0	0	0	0	0	0	4,954	1,800	2	3	0	7,557	3.4	2,058	
ANTALYA	8,170	4,712	17,297	7,068	46,370	15	13	0	0	0	0	0	0	9,790	60,000	6	6	0	72,218	3.1	1,551	
IZMIR	1,141	680	4,500	2,100	193,500	4	1	3	0	3	0	0	0	4,912	0	3	4	5	11,187	2.1	1,369	
BURSA	1,005	385	1,950	60	5,300	0	0	0	0	0	0	0	0	11,483	2,088	4	5	1	41,440	3.2	3,788	
ISTANBUL	159,449	84,307	365,153	65,127	826,331	1,174	25	401.4	0	0	0	0	0	98,362	38,400	25	49	7	16,596	2.5	6,494	
Area Total																						
	Number of Livestock held by a household										pond/project			catch/project			per household per project case		per hectare Values			
ANKARA	1.73	1.90	5.50	1.08	22.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.00	-	-	-	1.30	-	0.84	
KONYA	2.36	0.52	15.19	1.81	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.01	-	-	-	0.67	-	0.25	
ADANA	1.33	0.33	2.23	1.07	12.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07	0.92	0.5	0.5	0	4.73	-	0.19	
KAYSERI	2.39	3.97	7.73	0.44	37.52	83.44	1.11	1.11	1.11	1.11	1.11	1.11	1.11	0.00	0.00	-	-	-	0.57	-	0.19	
SIVAS	1.40	1.36	3.33	0.05	2.67	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0	0.1	0	2.46	-	0.09	
TRABZON	3.45	2.81	7.18	1.41	10.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.36	1.54	0	0.3	0	0.47	-	0.01	
SAMSUN	3.96	1.87	3.66	0.03	8.06	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.67	0.26	0	0.5	0	0.11	-	0.00	
KASTAMONU	1.59	1.53	1.93	0.20	6.25	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85	3.03	0.1	0.8	0	6.48	-	3.05	
ESKISEHIR	1.10	1.43	10.89	2.53	24.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	0.90	0.1	0.2	0	0.66	-	0.18	
ANTALYA	1.09	1.31	2.27	2.21	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	12.66	0.4	0.4	0	5.61	-	0.12	
IZMIR	0.86	0.50	1.83	0.75	4.90	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.1	0.2	0.2	0.60	-	0.07	
BURSA	0.82	0.49	3.25	1.52	139.81	0.50	0.38	0.38	0.38	0.38	0.38	0.38	0.38	8.30	1.51	0.5	0.6	0.1	9.37	-	0.86	
ISTANBUL	2.05	0.79	3.98	0.12	10.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	2.41	-	0.94	
Area Total	1.86	1.45	5.31	1.02	21.99	0.54	19.35	19.35	19.35	19.35	19.35	19.35	19.35	1.69	1.60	0.14	0.27	0.03	2.73	-	0.52	

Note : APNIB = Annual Project Net Increment Benefit, Est O.M = Estimated Operation and Maintenance Cost

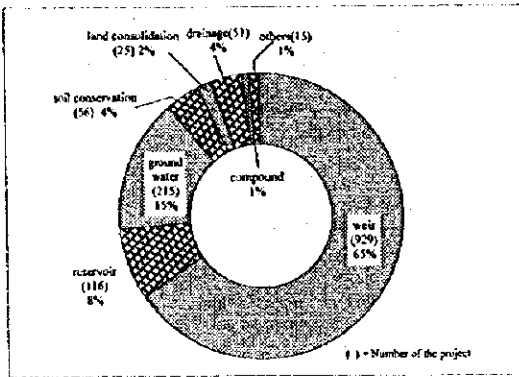
Table 5.1 Outline of 19 Candidate Priority Projects

Name of Project	Region	Province	District	Village	Agro-Ecological Zone	Study Stage	Beneficiary		Project Type
							Area (ha)	Household	
URUNLU	KONYA	KONYA	CUMRA	URUNLU	3 - 2	DD	465	50	Ground water
ASLANLAR	IZMIR	IZMIR	TORBALI	ASLANLAR	1 - 2	PR	244	350	Ground water
K.KARISTIRAN	ISTANBUL	KIRLARELI	LULEBURGAZ	K.KARISTIRAN	1 - 1	DD	120	84	Ground water
MULATLAR	ESKISEHIR	AFYON	IHSANIYE	MURATLAR	3 - 2	PR	139	103	Ground water
S.KOYLERI	ANKARA	BOLU	SEBAN	KPYLERI	3 - 1	PR	2,050	450	Small Dam
KALESEKISI	ADANA	ADANA	SAIMBEYLI	KALESEKISI	1 - 3	PR	210	250	Small Scale I.
HACILAR	ANKARA	KIRIKKALE	KESKI	HACILAR	3 - 1	PR	200	500	Small Scale I.
AYDINLAR	BURSA	BURSA	IZNIK	AYDINLAR	1 - 1	DD	250	80	Small Scale I.
KOZLUK-KUSCA	SAMSUN	SAMSUN	TERME	KOZLUK	2	PR	862	640	Small Scale I.
KUSKARA	KASTAMONU	KASTAMONU	MERKEZ	KUSKARA	2	PR	80	35	Soil Conservation
ESENKOY	IZMIR	MUGLA	FETHIYE	ESENKOY	1 - 2	DD	250	120	Soil Conservation
TASCILI	ADANA	ICEL	MERKEZ	TASCILI	1 - 3	DD	260	200	Small Scale Dam
INCESU	KASTAMONU	KASTAMONU	TASKOPRU	INCESU	2	DD	150	140	Small Scale Dam
OZDENK	ESKISEHIR	ESKISEHIR	ALPU	OZDENK	3 - 1	PR	172	75	Small Scale Dam
YUKARI YAPICI	BURSA	BALIKESIR	ERDEK	YUKARI YAPICI	1 - 2	DD	620	380	Small Scale Dam
ASAGICAVAS	BURSA	CANAKKALE	YENICE	ASAGICAVAS	1 - 2	PR	240	445	Small Scale Dam
ILYASKOY	BURSA	YALOVA	CIFTLIKKOY	ILYASKOY	1 - 1	PR	137	120	Small Scale Dam
CAYDIBI	SAMSUN	AMASYA	TASOVA	CAYDIBI	3 - 3	DD	231	500	Small Scale Dam
CAMLIBEL	SIVAS	TOKAT	MERKEZ	CAMLIBEL	3 - 3	PR	1,100	177	Land Consolid.

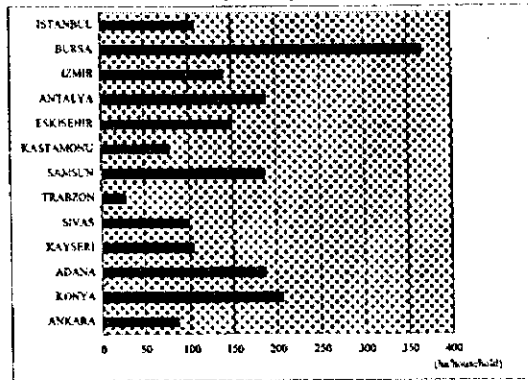
Table 5.2 Ten Priority Projects (Feasibility Study)

Name of Project	Region	Province	District	Village	Agro-Ecological Zone	Study Stage	Cultivable Area (ha)	Project Type
HACILAR	ANKARA	KIRIKKALE	KESKI	HACILAR	3-1	PR	580	Small Scale I.
URUNLU	KONYA	KONYA	CUMRA	URUNLU	3-2	DD	490	Ground water
KALESEKISI	ADANA	ADANA	SAIMBEYLI	KALESEKISI	1-3	PR	233	Small Scale I.
CAMLIBEL	SIVAS	TOKAT	MERKEZ	KYARABANSARAY	3-3	PR	1,438	Land Consolid.
KOZLUK	SAMSUN	SAMSUN	TERME	AKCAY,DUMANTEPE	2	PR	610	Small Scale I.
KUSKARA	KASTAMONU	KASTAMONU	MERKEZ	KUSKARA	2	PR	130	Soil Conserv.
OZDENK	ESKISEHIR	ESKISEHIR	ALPU	OZDENK	3-1	PR	140	Small Dam
ASLANLAR	IZMIR	IZMIR	TORBALI	ASLANLAR	1-2	PR	263	Ground water
ILYASKOY	BURSA	YALOVA	CIFTLIKKOY	ILYASKOY	1-1	PR	130	Small Dam
K.KARISTIRAN	ISTANBUL	KIRLARELI	LULEBURGAZ	K.KARISTIRAN	1-1	DD	126	Ground water

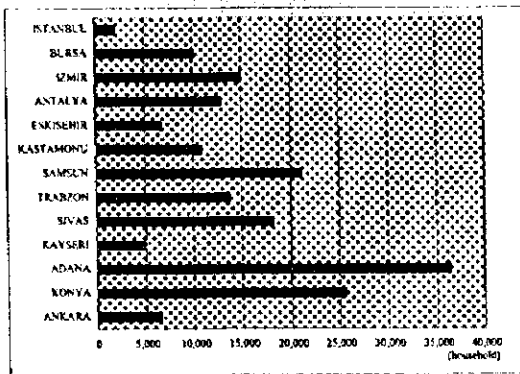
Figure 5.1 Project Components



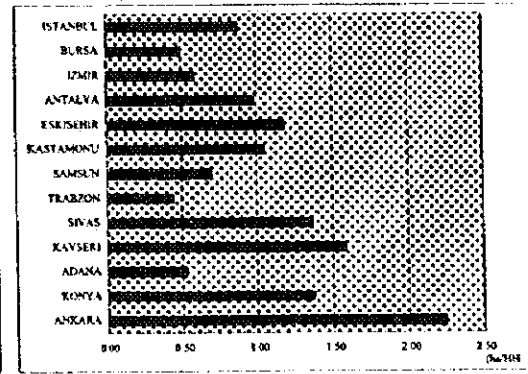
Average Area per Project



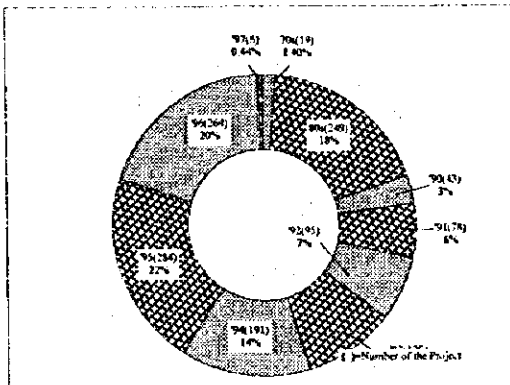
Number of Household



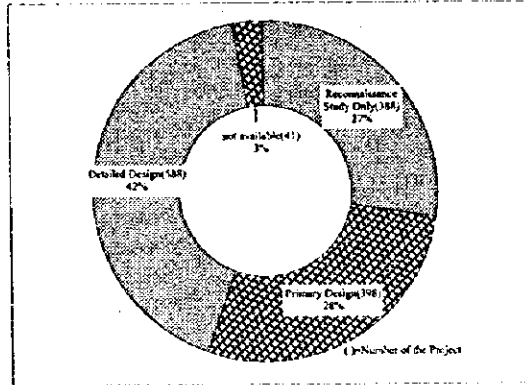
Average Area per Household



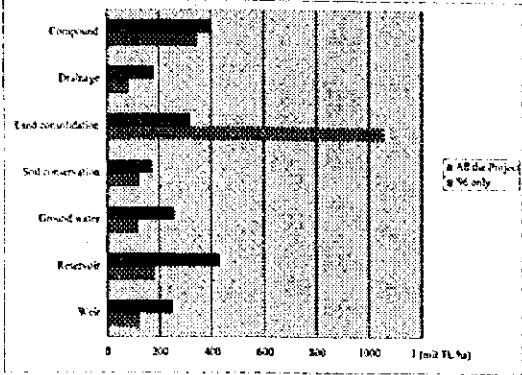
Planned Year of the Project



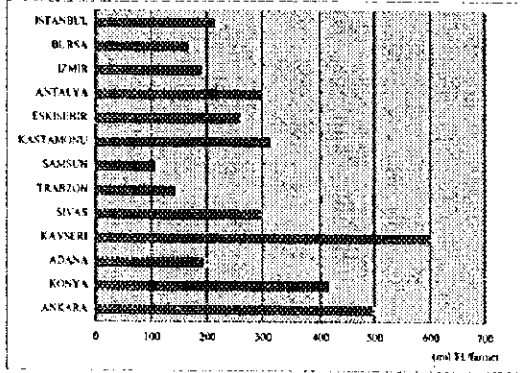
Project Status (Maturity)



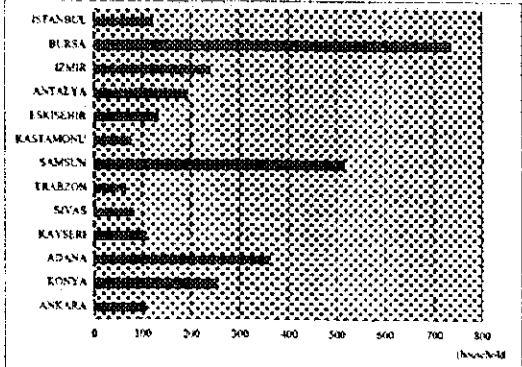
Average Project Cost per Hectare



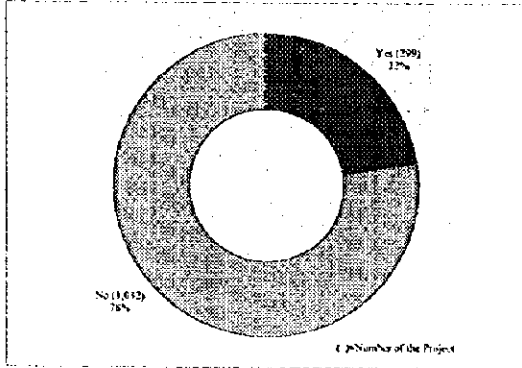
Project Cost per Farmer



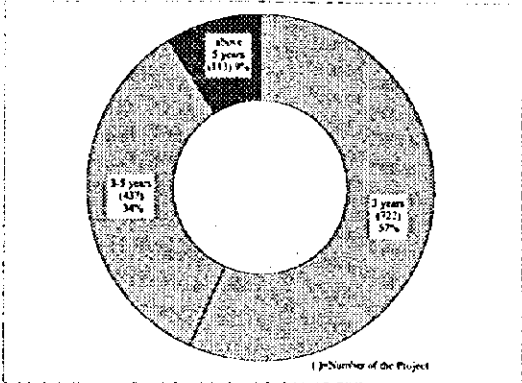
Average Number of Household per Project



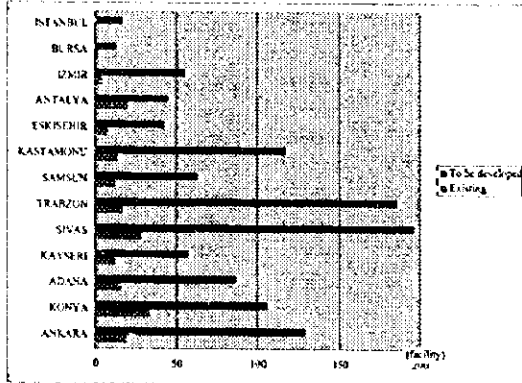
Farmers' Organization



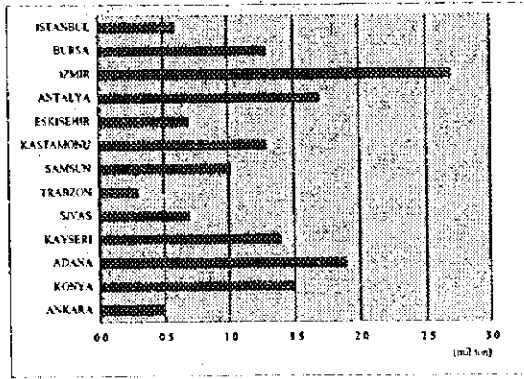
Project Implementing Priority



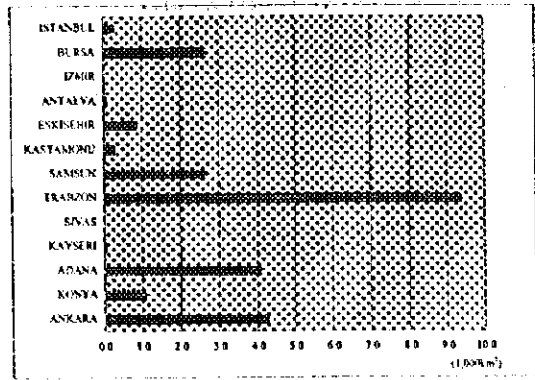
Number of Water Source Facility



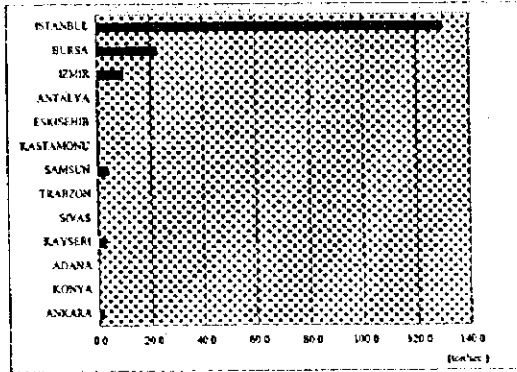
Storage Capacity of Reservoir



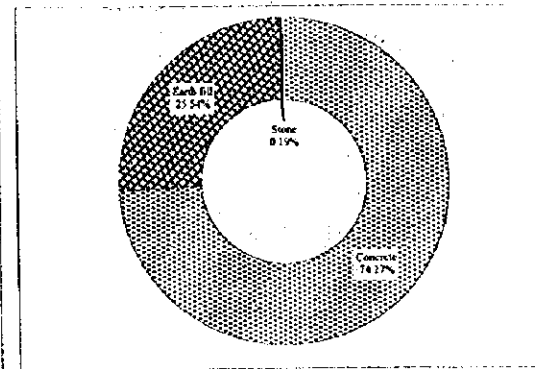
Catchment Area



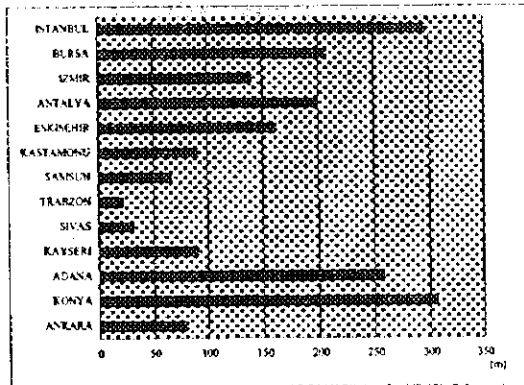
Maximum Discharge



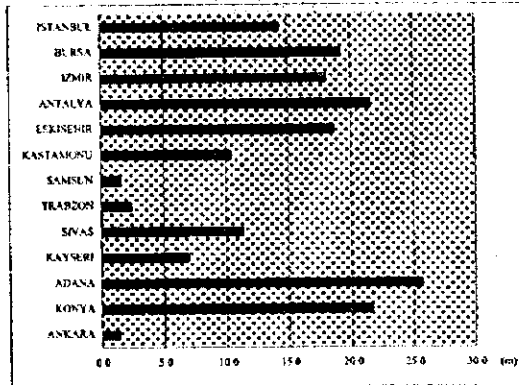
Type of Dam and Headwork



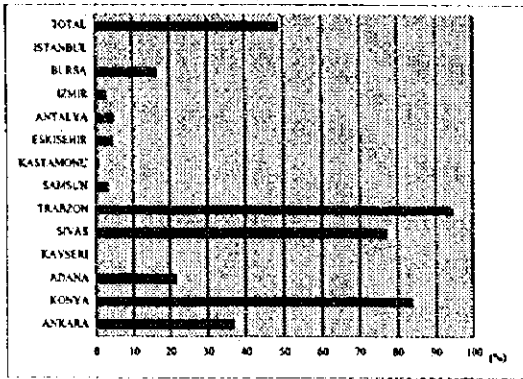
Average Length of Dam and Headwork



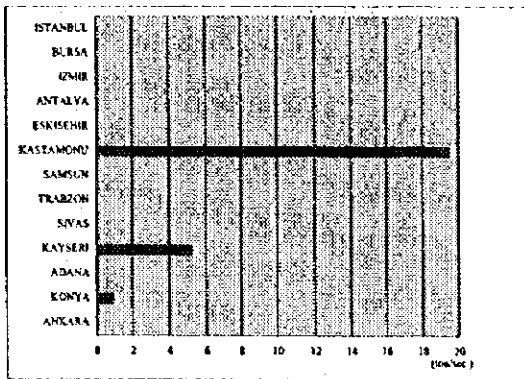
Average Height of Dam and Headwork



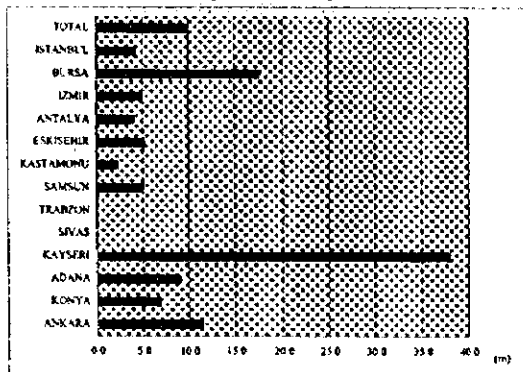
Ratio of the Project which require Watershed Conservation



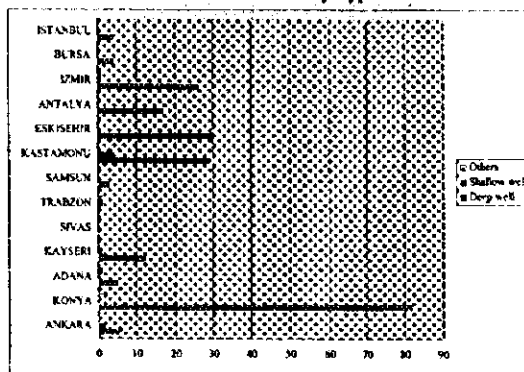
Maximum Discharge of Groundwater



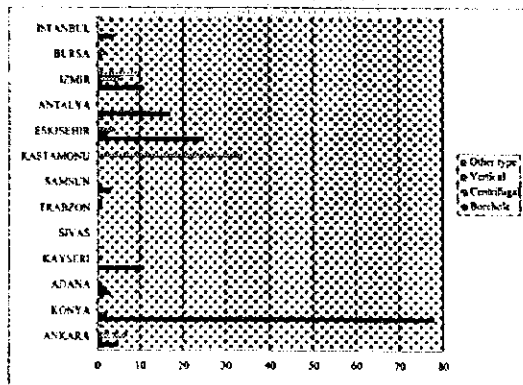
Average Size of Pump Head



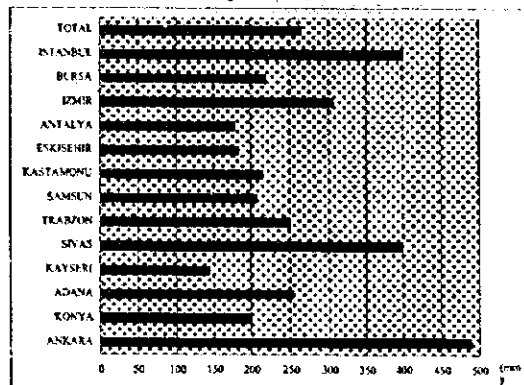
Number of Well by Type



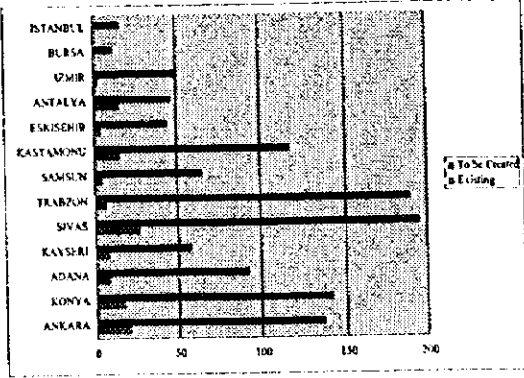
Number of Pump by Type



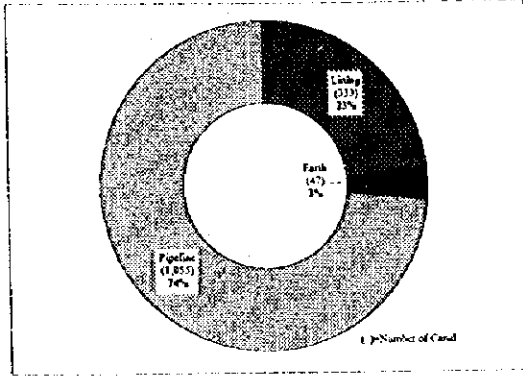
Average Size of Borehole



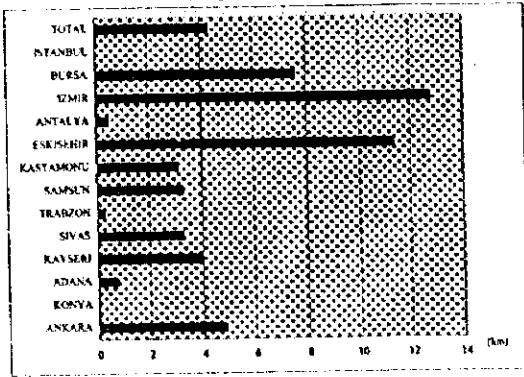
Number of Canal System



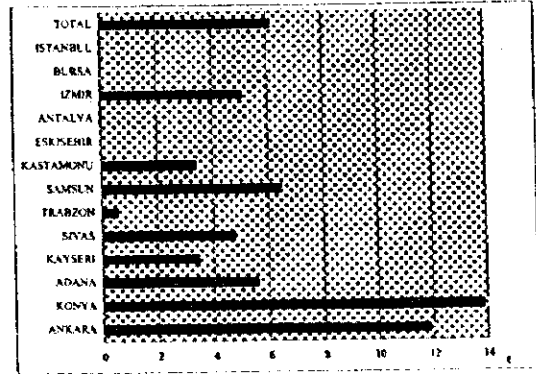
Canal Type



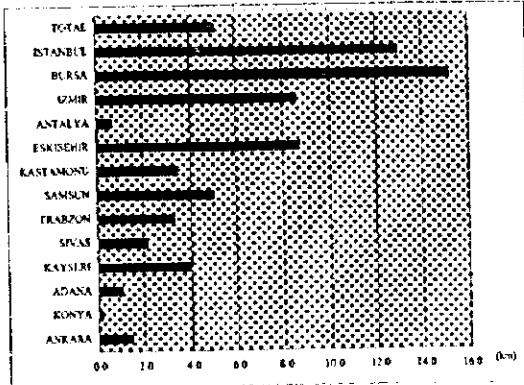
Average Length of Lining



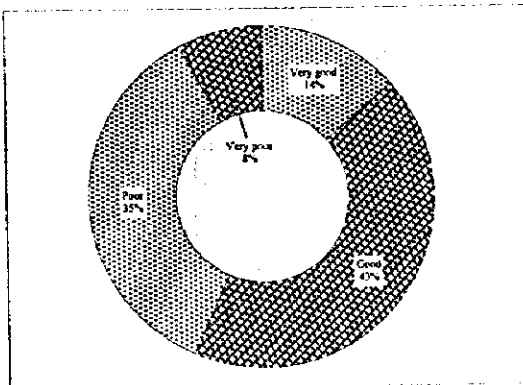
Average Length of Earth



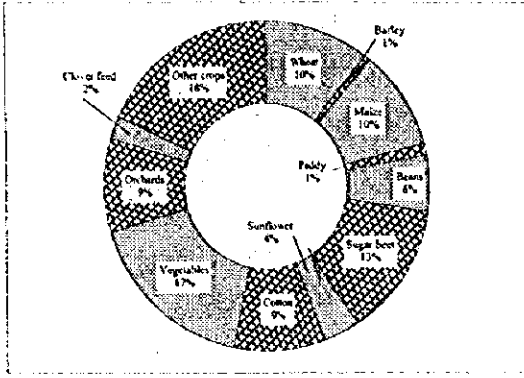
Average Length of Pipeline



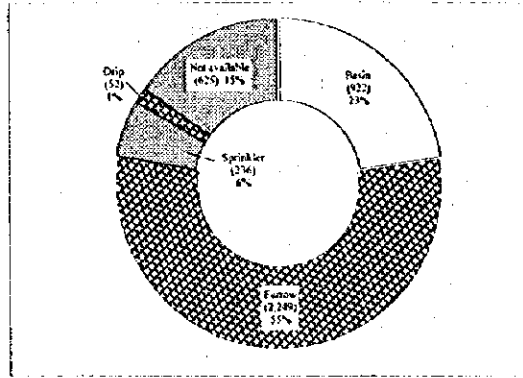
Soil Fertility



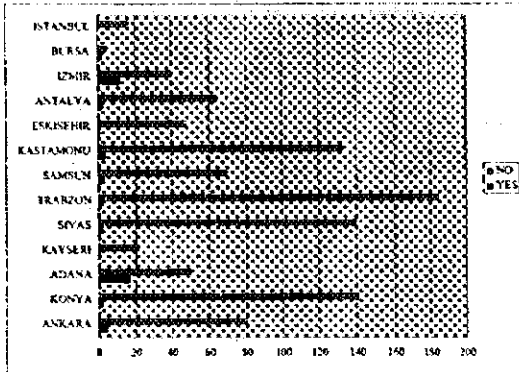
Cultivated Crops



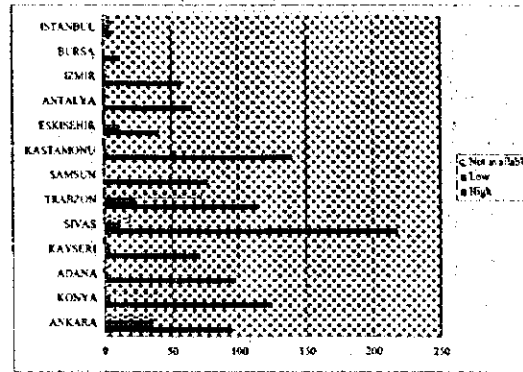
Irrigation Method



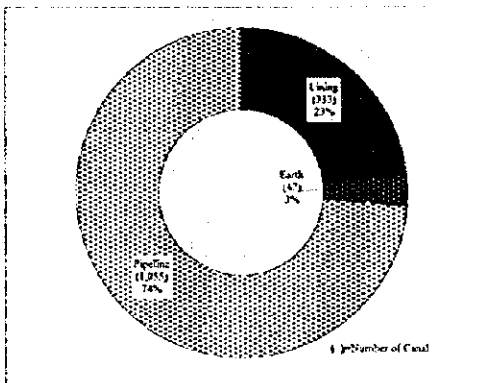
Inland Fishery



Willingness of Farmers for Developing the Project



Canal Type



Average Length of Canal

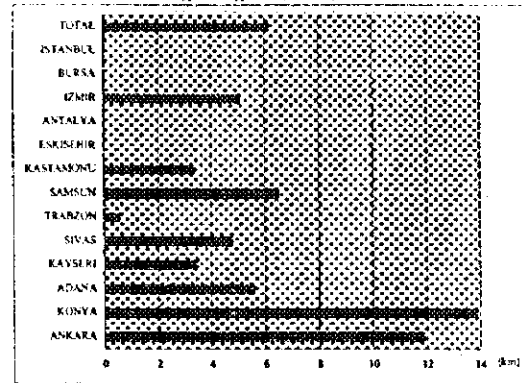


Fig. 5 - 2 (2) Short List Presentation

Figure 7 Soil Type (A.E. Zone 1.2)

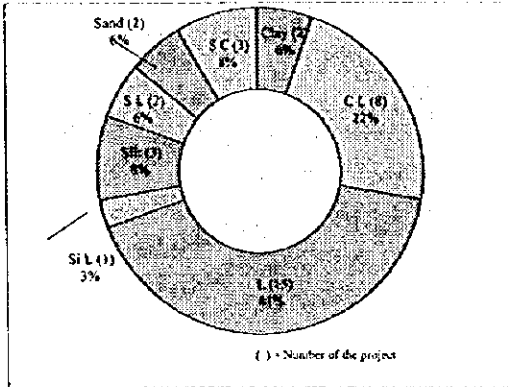


Figure 8 Soil Type (A.E. Zone 1.3)

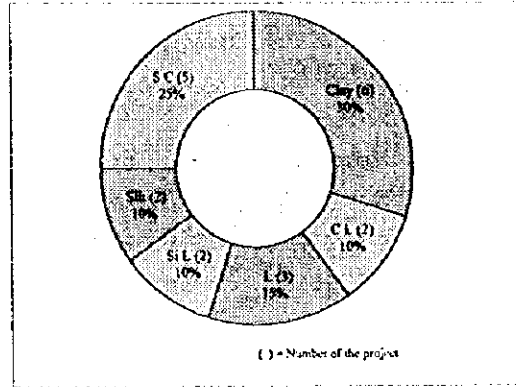


Figure 9 Soil Type (A.E. Zone 2)

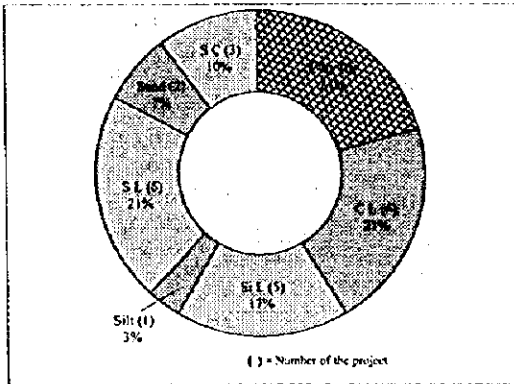


Figure 10 Soil Type (A.E. Zone 3.1)

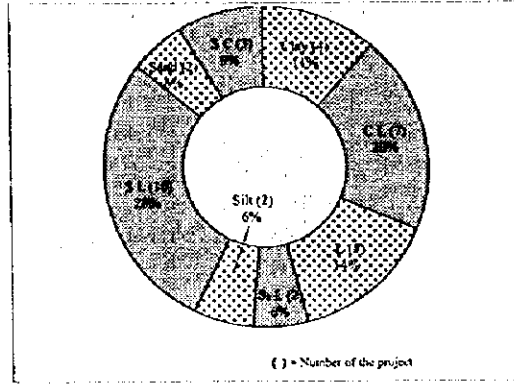


Figure 11 Soil Type (A.E. Zone 3.2)

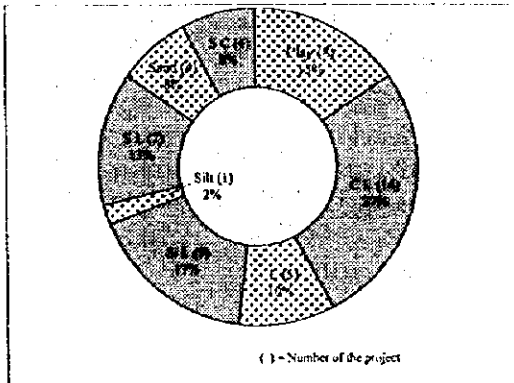


Figure 12 Soil Type (A.E. Zone 3.3)

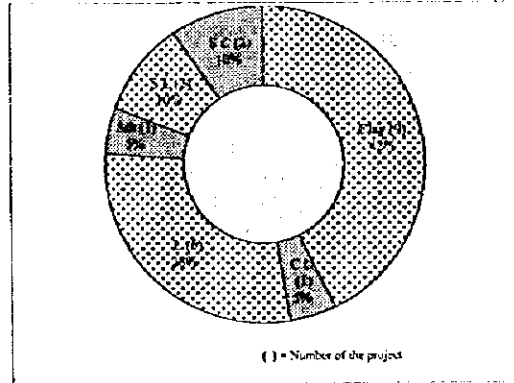


Fig. 5 - 2 (3) Short List Presentation

Figure 13 Arable Area

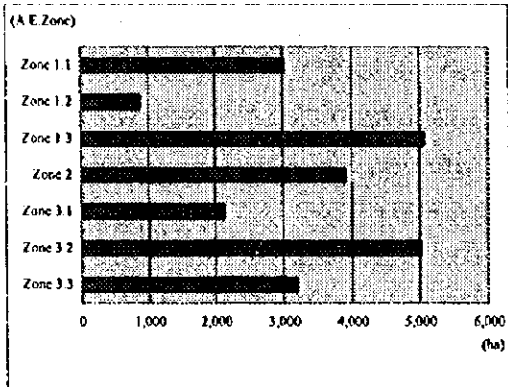


Figure 14 Land Use <Annual Crop>

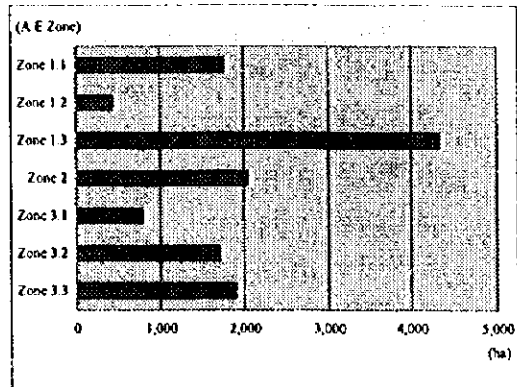


Figure 15 Land Use <Perennial Crop>

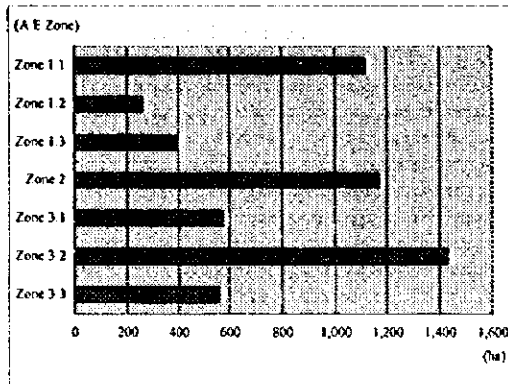


Figure 16 Land Use <Fallow>

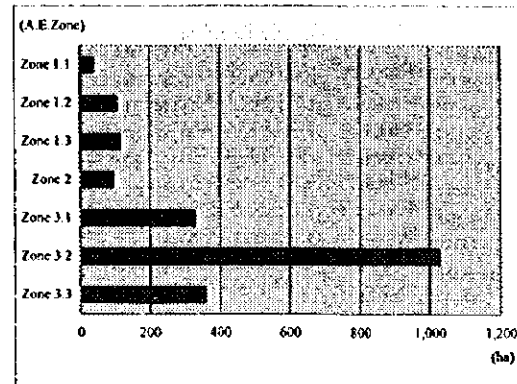


Figure 17 Land Use <Grass Land>

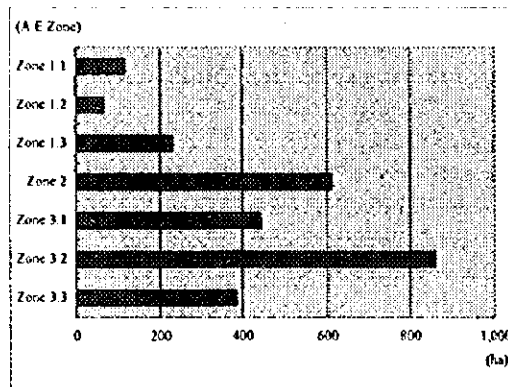


Figure 18 Land Use <Residential Area>

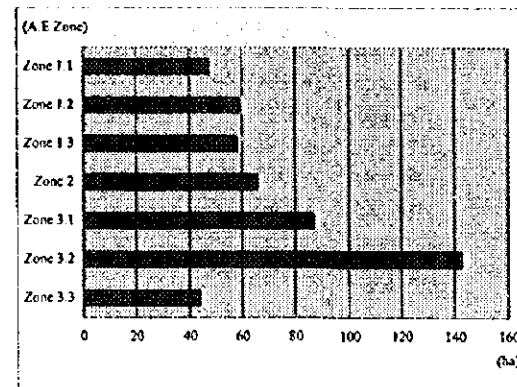


Fig. 5 - 2 (4) Short List Presentation

Figure 19 Land Use <Forest Area>

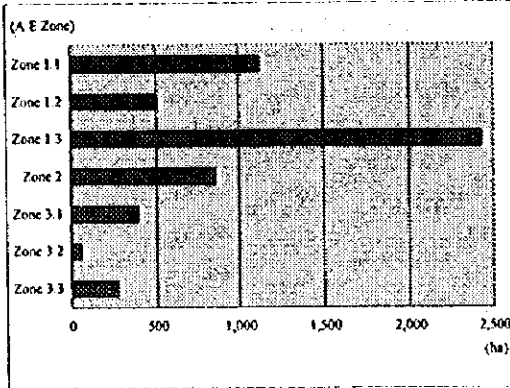


Figure 20 Land Use <River / Pond>

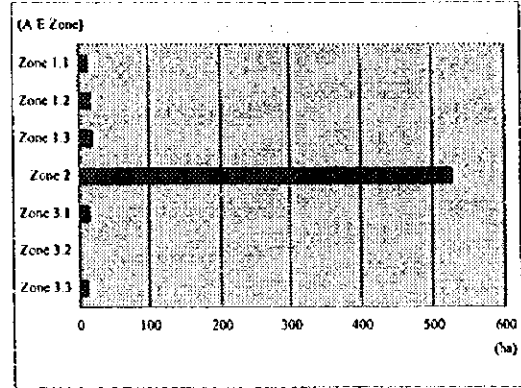


Figure 21 Land Use <Others>

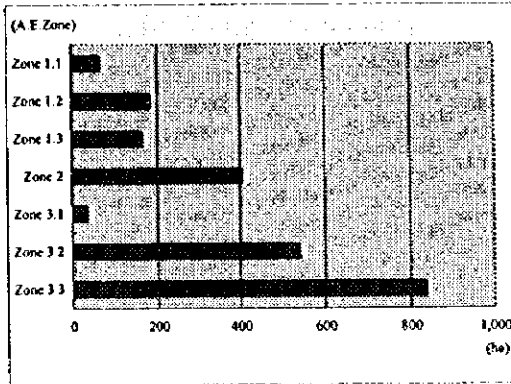


Figure 22 Total Land Area

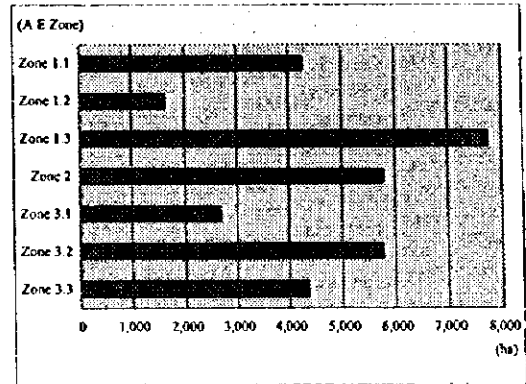


Figure 23 Population

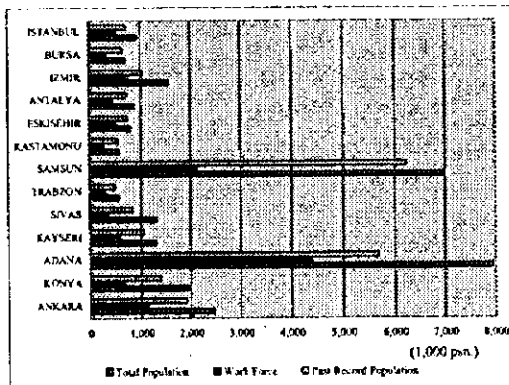


Figure 24 Number of Household

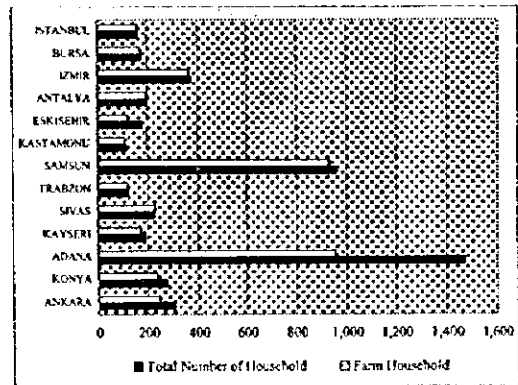


Fig. 5 - 2 (5) Short List Presentation

Figure 25 Annual Income per Household

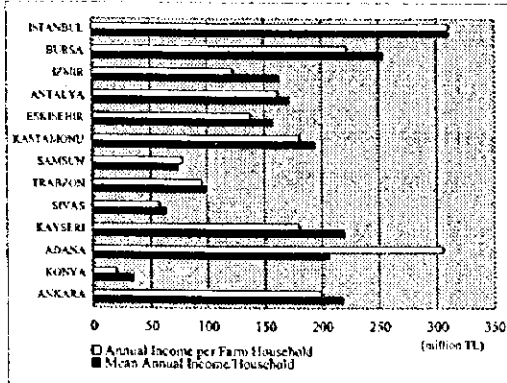


Figure 26 Ratio of Active Population

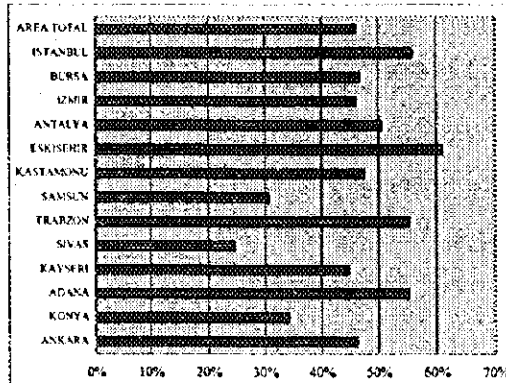


Figure 27 Average Household Member

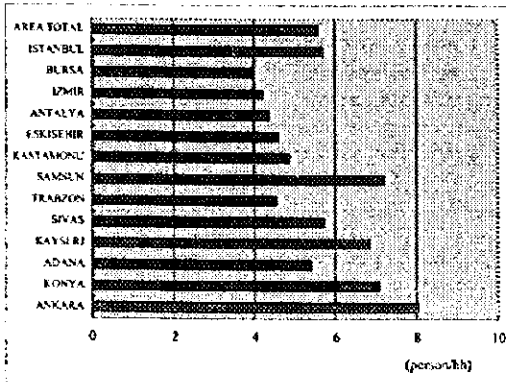


Figure 28 Ratio of Farm Household

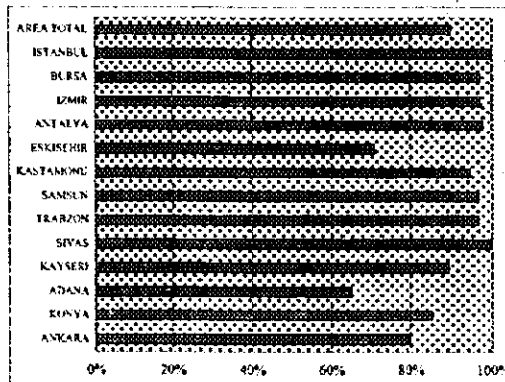


Figure 29 Ratio of Farm Income

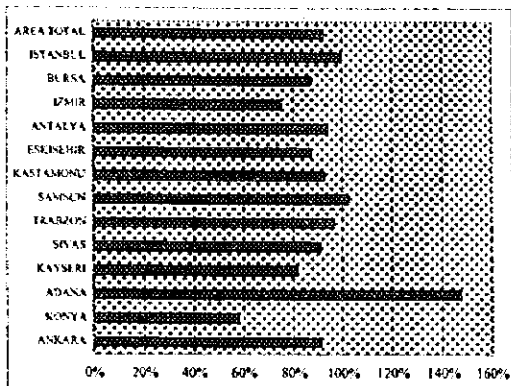


Figure 29' Share of Farm Income

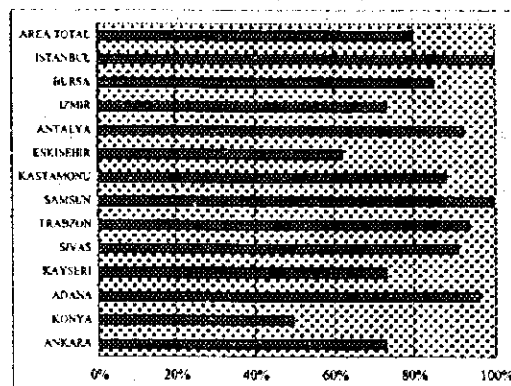


Fig. 5 - 2 (6) Short List Presentation

Figure 30 Farm Household Income per Crop ha

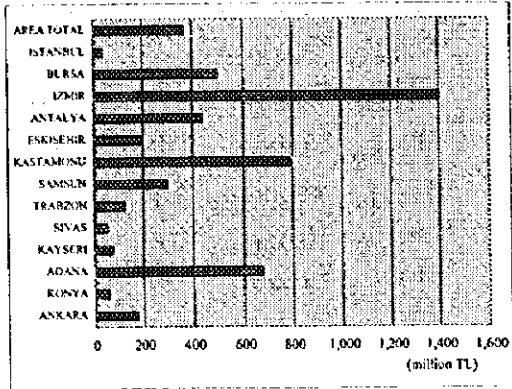


Figure 31 Average Number of School per Project Area

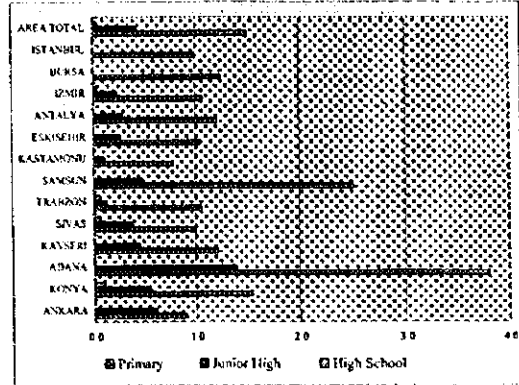


Figure 32 Average Number of Community Center / Mosque per Project Area

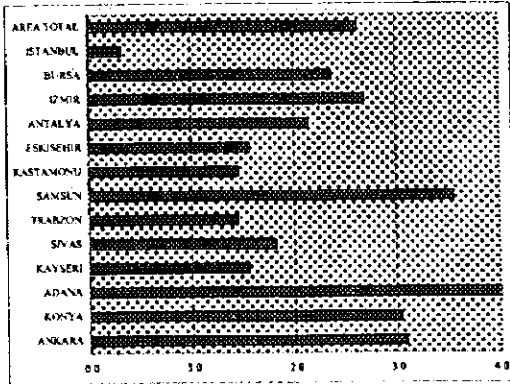


Figure 33 Average Number of Health Care Center per Project Area

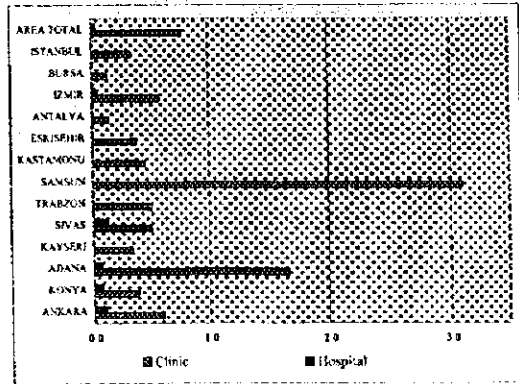


Figure 34 Domestic Tap Water Supply

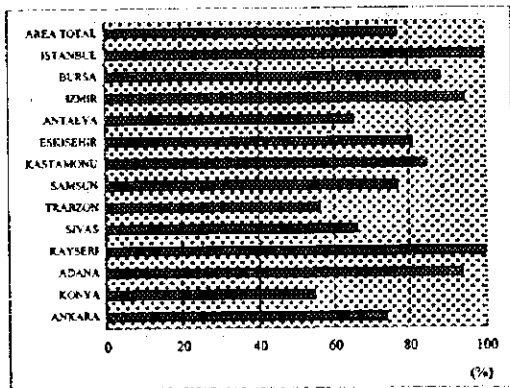


Figure 35 Necessity of Road Pavement

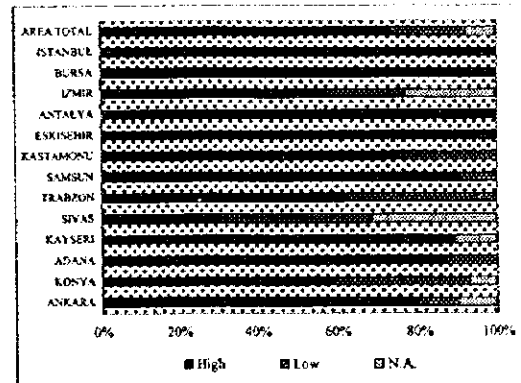


Fig. 5 - 2 (7) Short List Presentation

Figure 36 Diffusion of Telephone

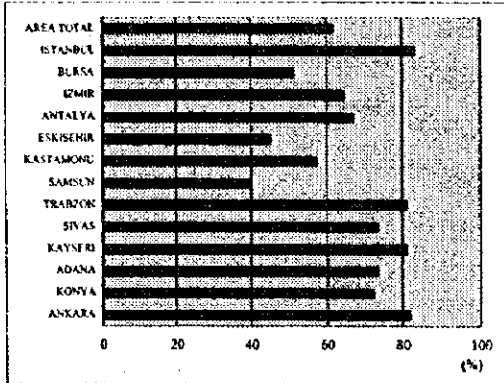


Figure 37 Crop Acreage per Farm Household

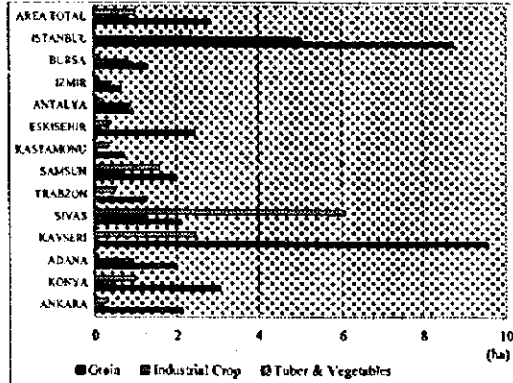


Figure 38 Irrigated Cropping Intensity

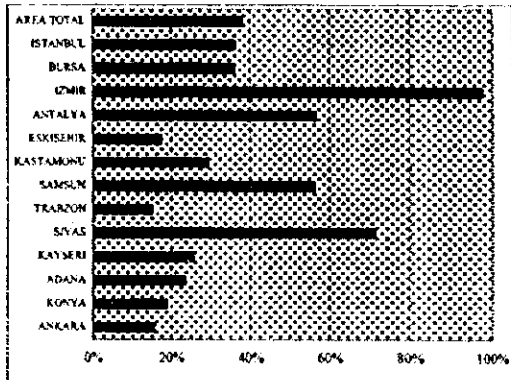


Figure 39 Crop Production

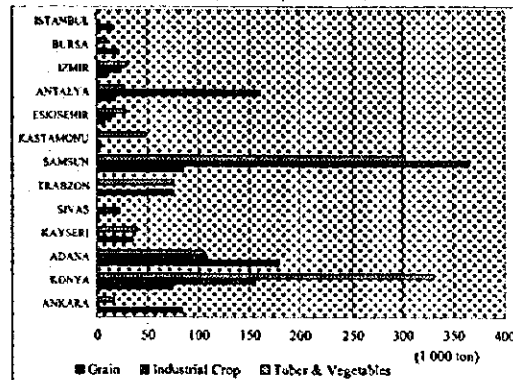


Figure 40 Crop Yield

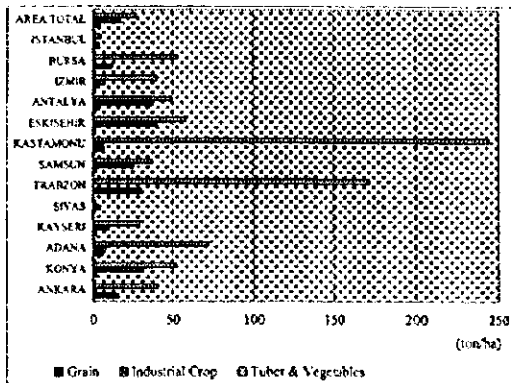


Figure 41 Average Number of Machinery per Household

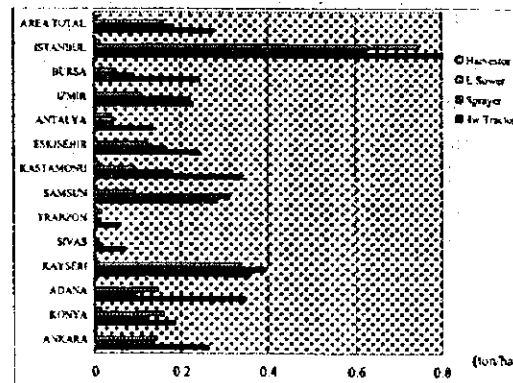


Fig. 5 - 2 (8) Short List Presentation

Figure 42 Livestock Holding

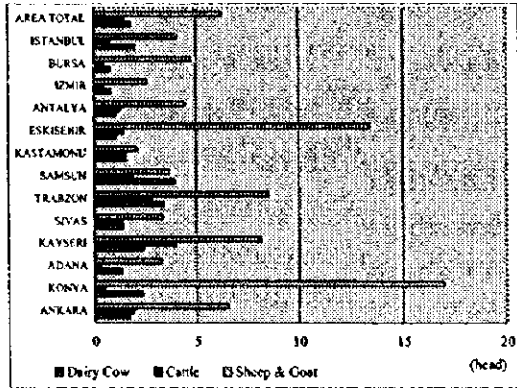


Figure 43 Inland Fishery

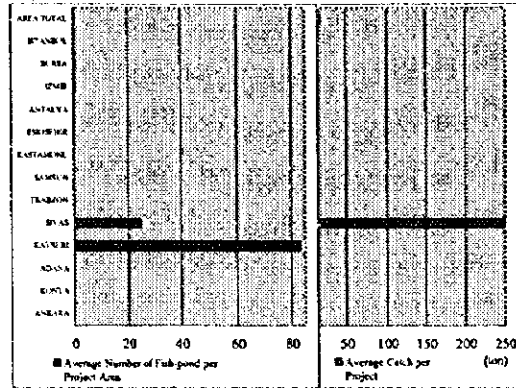


Figure 44 Forestry

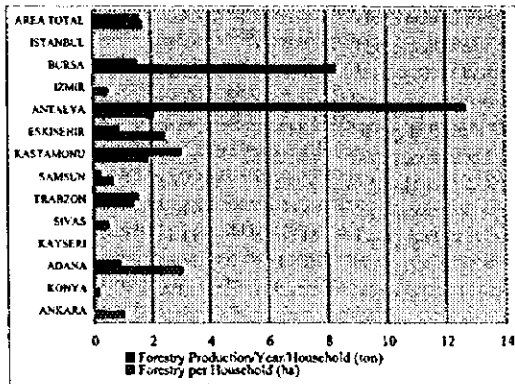


Figure 45 Economic Indicators

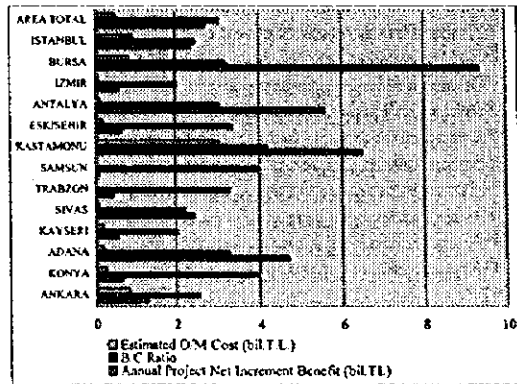


Figure 46 Household Size

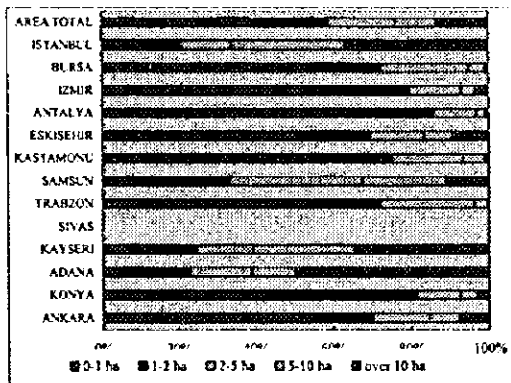
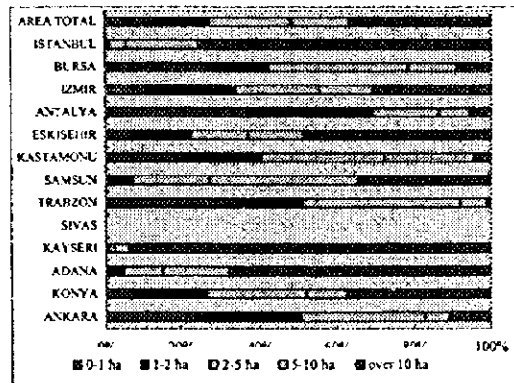


Figure 47 Acreage Distribution



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