

A P P E N D I X - IIRRIGATION AND ITS IMPACT ON CULTIVATED AREAIN KARAD TALUKA (SATARA DISTRICT)

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QUESTIONNAIRE

1. Name of the village :
2. Area in hectares :
3. Location :
4. Physical features :
5. Population/Cultivators/Agricultural workers :
6. Area irrigated by sources of water supply (in hect.)

i)

Irrigated area	Canals/ Private- govt.	Tanks	Wells	Other source lift etc.

- ii) Total wells _____ in operation.
- iii) Depth of well _____ Metre, watertable from surface in
month of May _____ Metre, in month of October _____ Metre.
- iv) Lift irrigation schemes, date of operation _____.
- v) Methods of irrigation used
 - a) Flood b) Border c) Furrow d) Currugation
 - e) Sprinkle vi) Drip vii) Any other local
mention the name.

7. Inputs :

- a) Mechanical
- i) Total oil engines | Used for irrigation
 - ii) Electric pumps | tion purpose
 - iii) Iron plough | only
 - iv) Wooden plough
 - v) Tractors
 - vi) Other agricultural machinery available
- b) Biochemicals :
- i) Fertilizers used, type and quantity
 - ii) HYV/Hybrid seeds, crops and quantity
 - iii) Insecticides/Pesticides/total consumption kg/litre

8. General landuse :

- i) Area under forest
- ii) Barren and uncultivated land
- iii) Area put to non-agricultural uses
- iv) Cultivable waste
- v) Permanent pasture and other grazing lands
- vi) Miscellaneous tree crops and groves
- vii) Current fallow
- viii) Other fallow land
- ix) Net area sown
- x) Total gross cropped area
- xi) Total geographical area

9. Area under different crops and per hectare yield

Sr. No.	Crops	Area		Yield	
		Total area in hect.	Irrigated crips	Irrigated crops Out./Kg.	Unirrigated crops qut./kg.
1					
2					
3					
4					

10. Problems of irrigated land : (Mark ✓)

- i) Shortage of water () mention the months.
- ii) Distribution of water ().
- iii) Waterlogging () mention the area in hectares.
- iv) Saline affected land () mention the area in hectares.
- v) Any other problems related to degradation of the environment.

Signature of Farmer / Talathi

Kolhapur

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