

Table 4. Returns to cultivation in 1987 compared to normal (1986) for average cropping pattern in location on own cultivated land

Land/ cultivator type	Location							
	CIPH	CIPM	CIPL	OutM	OutL	MDIP		
Aman return % of norm								
irrigated land								
with plough		79	18	35	loss	-	-	
no plough	75	loss	20	loss	-	-		
non-irrigated								
with plough		75	21	36	loss	71	19	
no plough	69	0.4	22	loss	55	loss		
Annual return % of norm								
irrigated land								
with plough		91	66	74	59	-	-	
no plough	89	59	70	53	-	-		
non-irrigated								
with plough		88	47	66	44	89	69	
no plough	84	28	55	26	81	47		
Taka per ha Aman 1987								
irrigated land								
with plough		13229	1955	4461	-760	-	-	
no plough	10634	-420	2076	-3196	-	-		
non-irrigated								
with plough		10393	2480	4136	-256	5581	1329	
no plough	7853	35	2028	-2729	2883	-1182		

Table 5. Financial impacts of 1987 flood season by location and household classes

Loss	Male head surplus cult	Male head deficit cult	Male head secure + cult	Male head insecure + cult	Male head secure no cult	Male head insecure no cult	Female head supported	Female head no support	Total
Income per person (Tk) in 1987									
CIP									
mean	5262.7	917.2	4523.6	1906.3	3411.3	1858.5	4403.3	1441.7	3383.5
st dev	6853	311	6269	846	2130	1114	3538	1638	4478
Control									
mean	3078.7	784.6	3537.9	1579.2	3467.4	1998.4	3376.1	752.6	2584.0
st dev	1161	450	2932	927	2564	1110	1947	376	2165
Loss per person (Tk) in 1987 floods									
CIP									
mean	649.8	330.6	330.0	202.8	-17.9	29.4	75.8	0.0	224.9
st dev	658	123	516	203	71	167	167	0	413
Control									
mean	861.4	391.1	299.6	347.7	16.0	150.6	72.9	-43.8	280.9
st dev	586	332	421	379	47	155	167	241	411
Mean % loss per household on normal income									
CIP	14	28	8	10	-1	1	2	0	0
Control	21	33	6	18	1	7	2	-15	

Note: mean loss per person over the year 1987 was estimated (in Taka) for the sample villages a: Tk 146 in CIPH, Tk 213 in CIPM, Tk 315 in CIPL, Tk 343 in OutM, Tk 113 in OutL, and Tk 387 in MDIP

Table 6. Summary of changes in landholdings in terms of contribution to household needs

Location/ year	Percentage in landholding category landless	deficit land	viable land	surplus land
CIP				
1976	18	71	7	4
1987	22	54	12	12
Control				
1976	19	64	13	4
1987	25	61	10	5

Note: See text for explanation of categories

Figure 1. Study area and interview locations

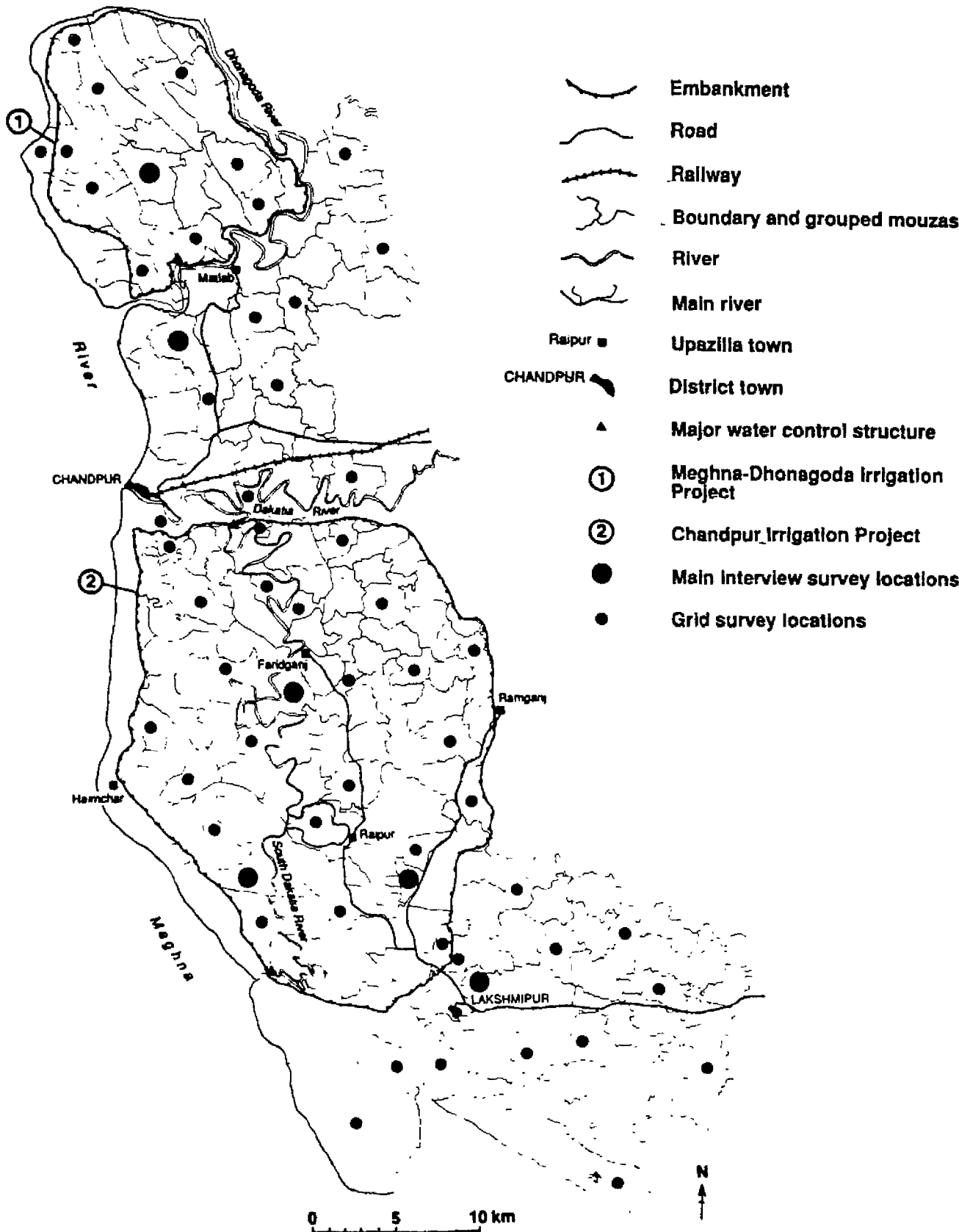


Figure 2. Gross returns per hectare of cultivated land: mean rental income per hectare

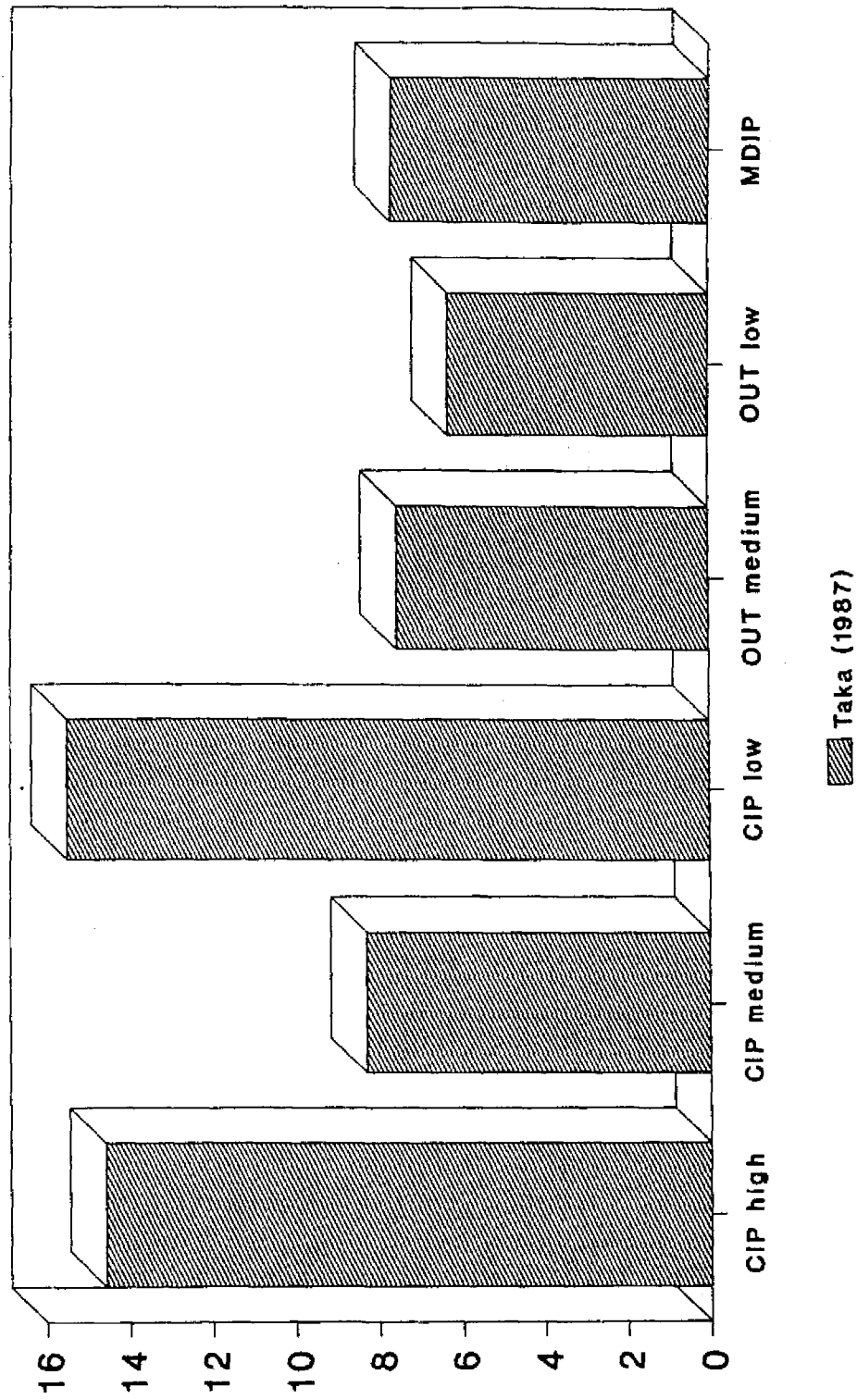


Figure 3. Gross returns per hectare of owned non-irrigated cultivated land

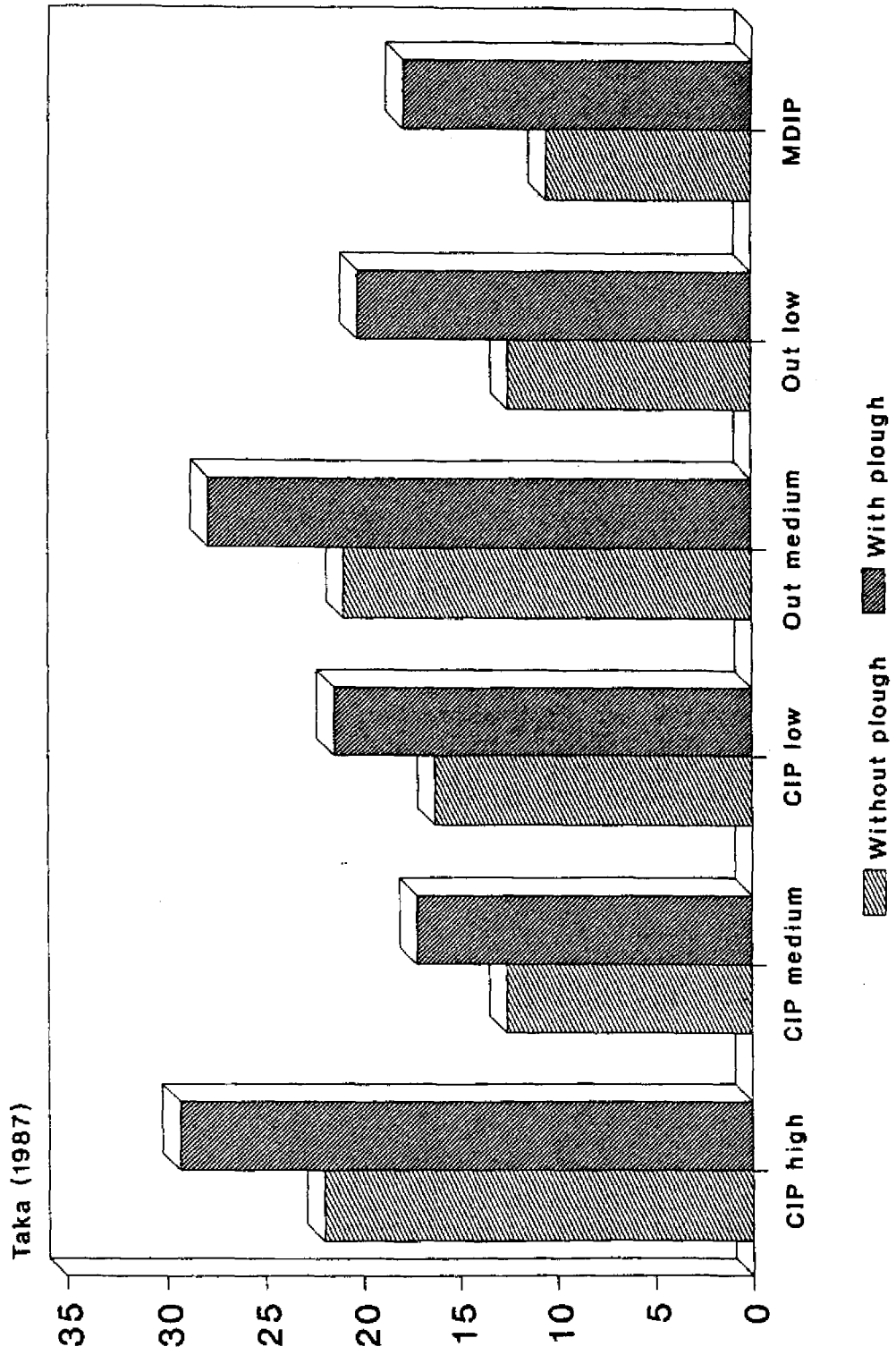


Figure 4. Gross returns per hectare of share cropped non-irrigated land

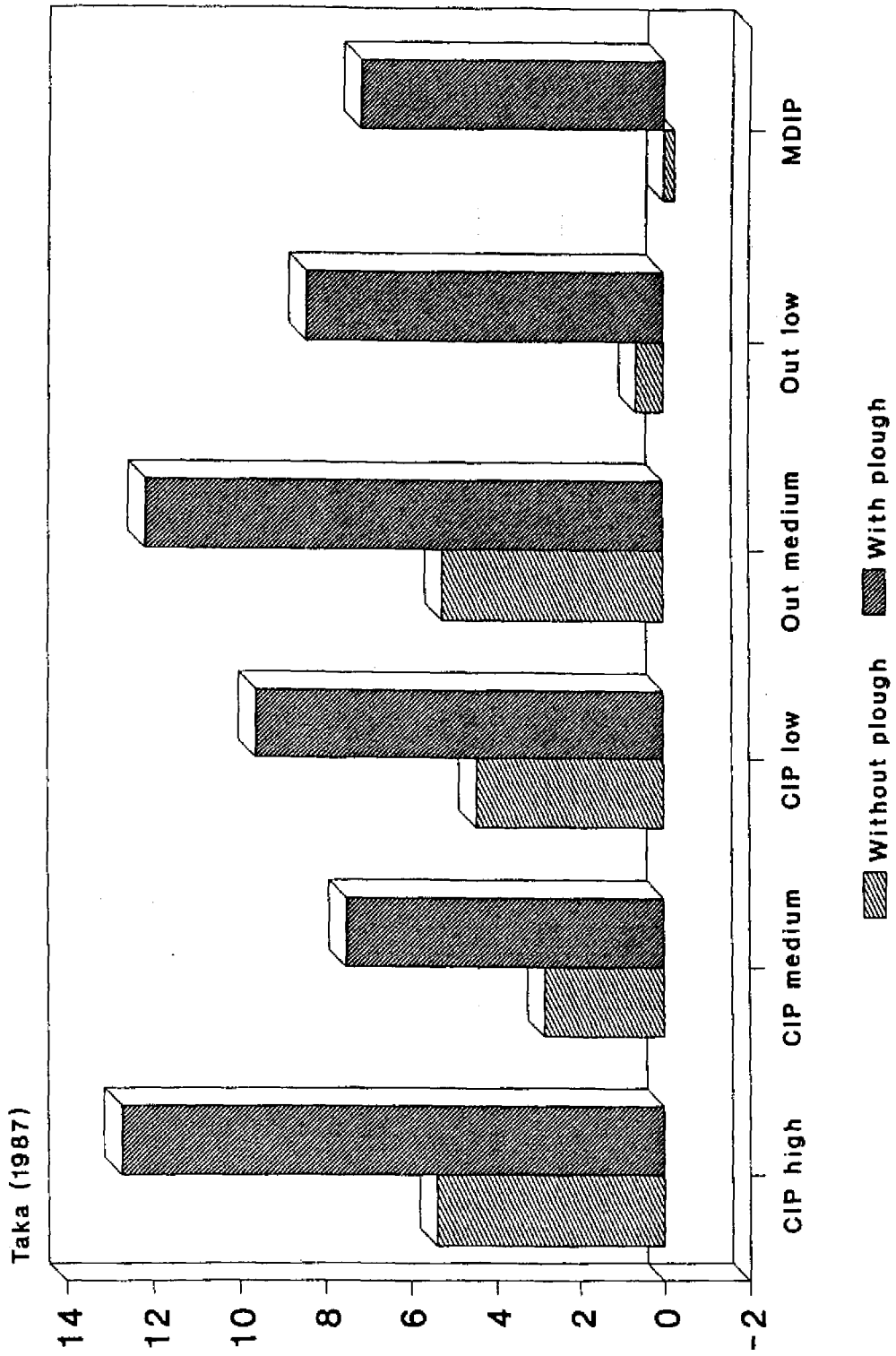


Figure 5. 1987 Aman yields as a percentage of 1986 ("normal") yields

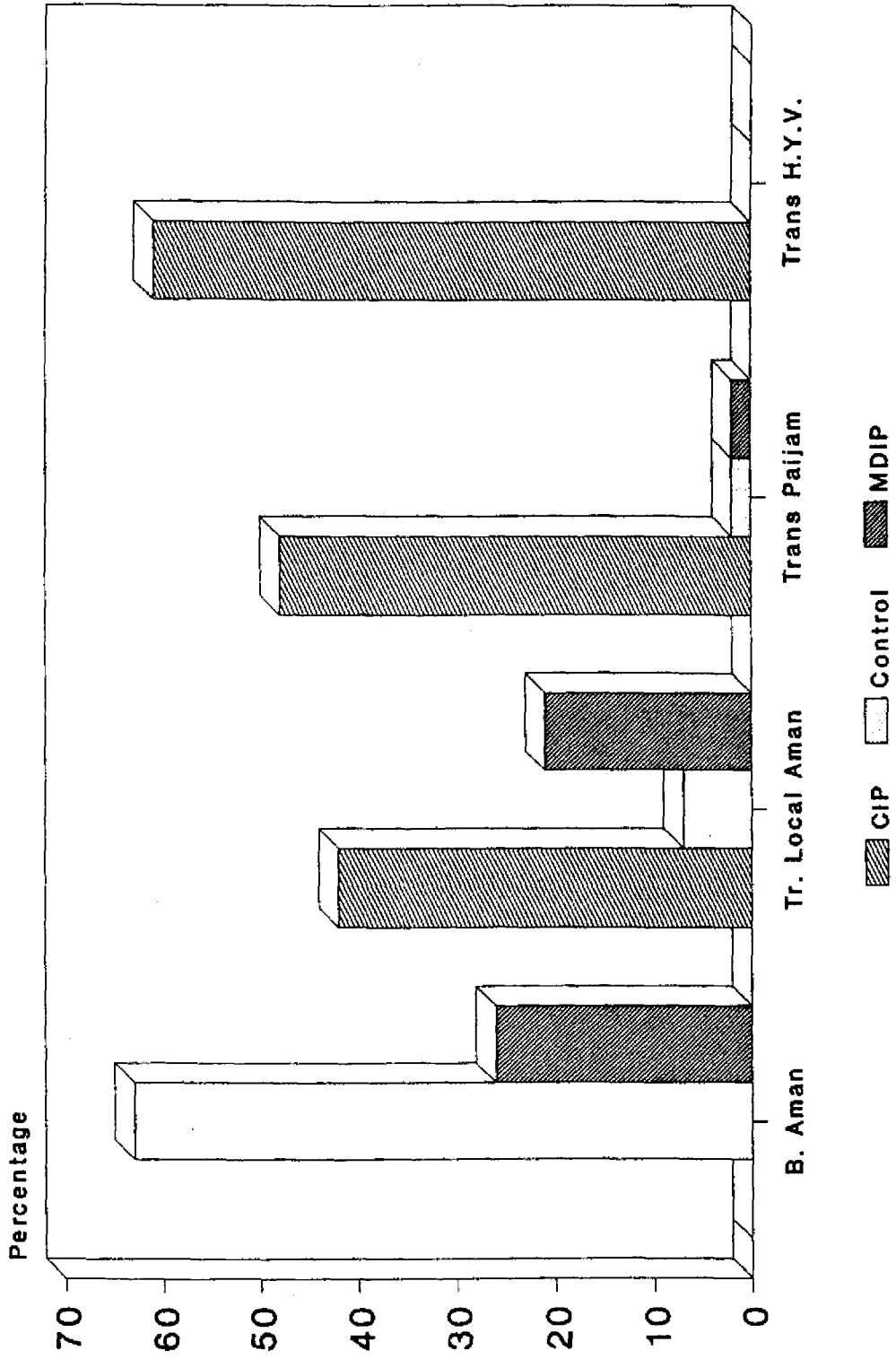


Figure 6. Return to cultivation in 1987
(taka per hectare Aman)

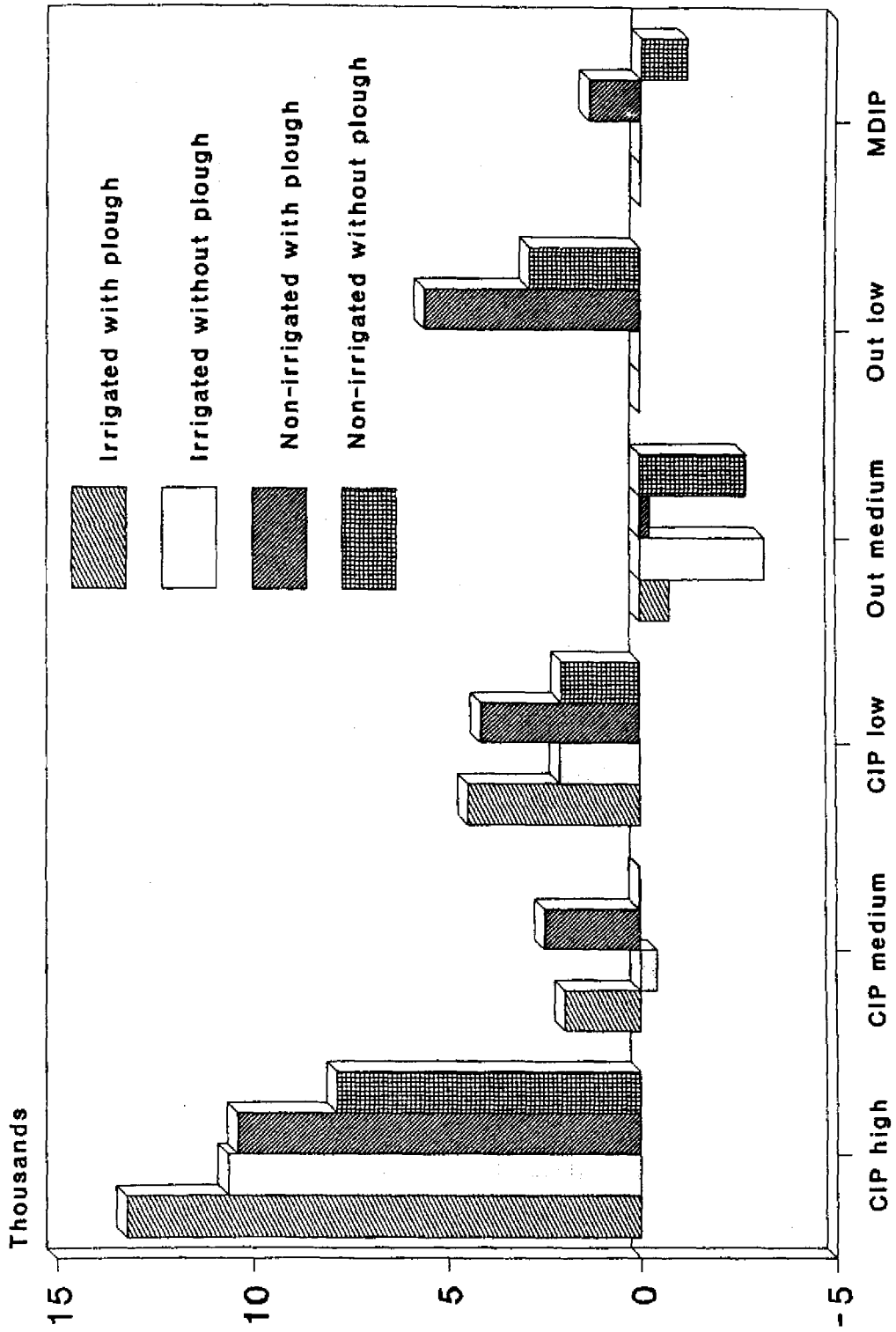


Figure 7. The areas cultivated in protected and flood-prone areas for different household classes

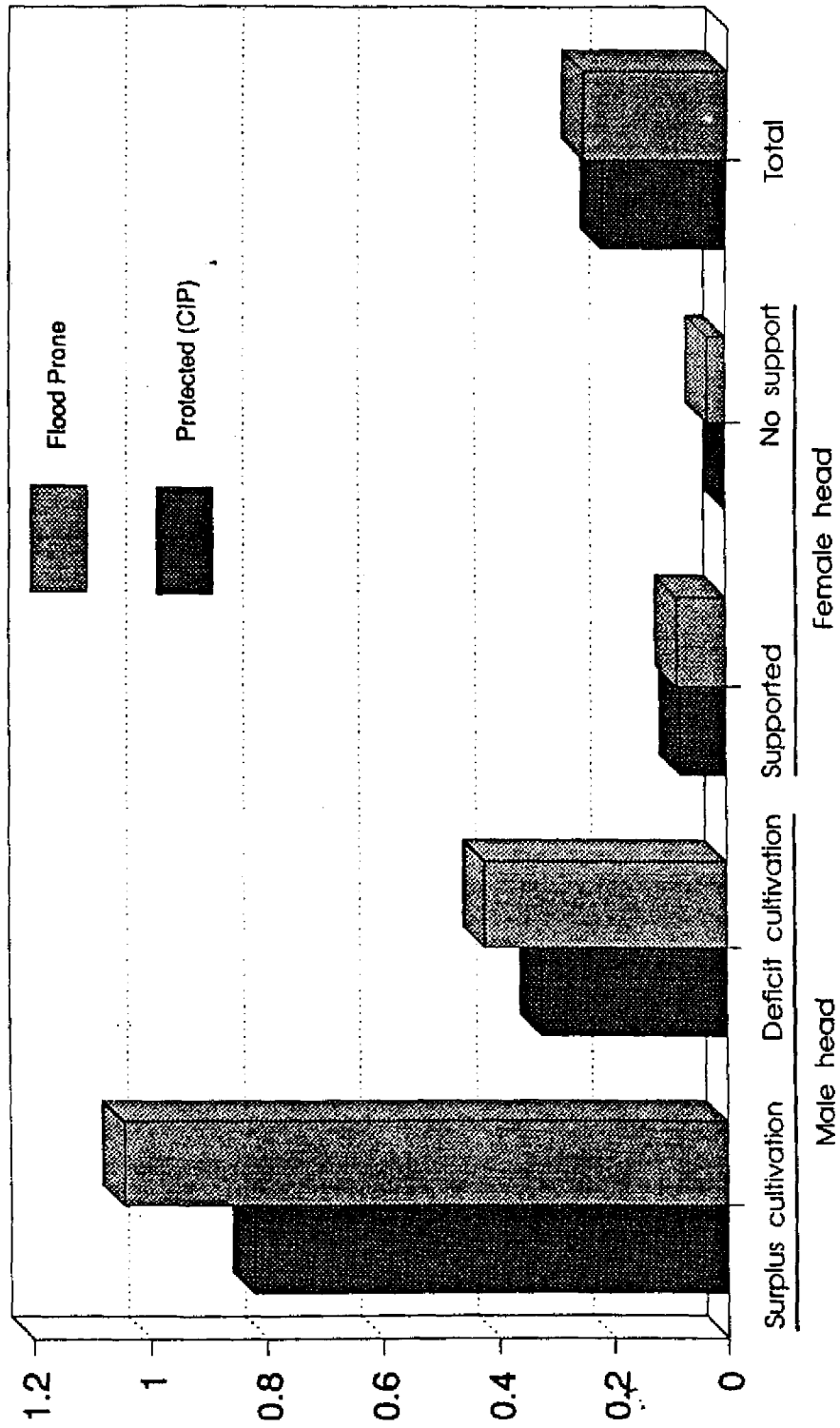


Figure 8. Mean loss of income per household on normal income

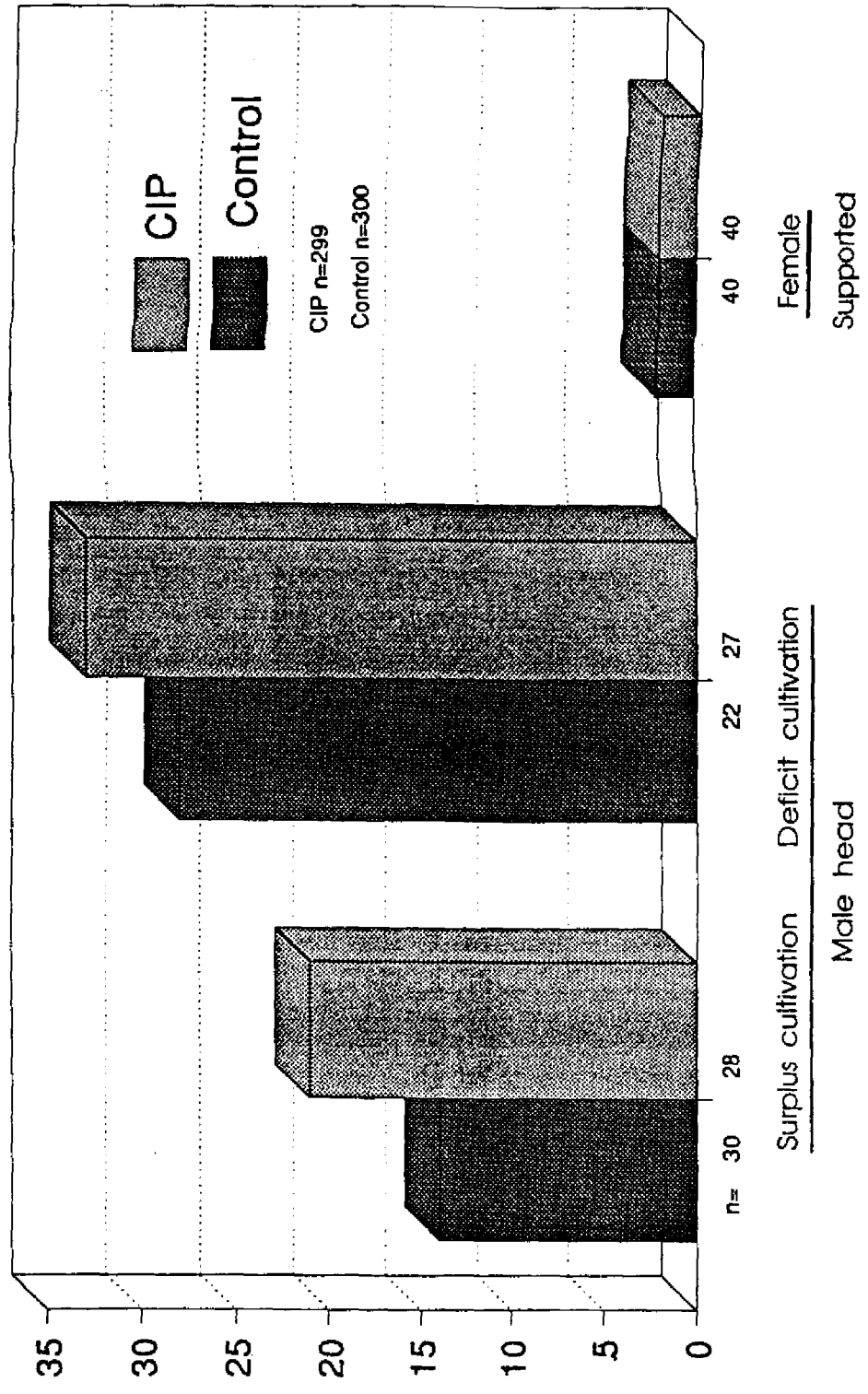


Figure 9. Summary of changes in landholdings (1976-1987)

