

A B S T R A C T

1. Survey area :- Bull Rearing Farm, Tekuna, Distt- Gaya, Bihar State.
2. Type of Survey :- Detailed Soil Survey
3. Total area surveyed and mapped :- 41 ha
4. Period of survey :- May 1985
5. Soil Series mapped and their distribution :-

S.No.	Soil Series	Area in ha	% Land capability class	Area in ha	%
1.	Kasiyachak (KV)	17.4	42.5 II	27.0	65.9
2.	Nidani (NN)	5.0	12.2		
3.	Tikuna (TK)	4.6	11.2		
Total		27.0	65.9		
4.	Pond	1.5	3.6		
5.	Miscellaneous				
i.	Habitation	12.5	30.5		
ii.	Road				
iii.	Water harvesting bund				
		41.0	100.0		

6. Land utilization

S.No.	Use	Area in ha	%
1.	Cultivable	18.5	42.2
2.	Culturable waste	8.5	20.7
3.	Pond seasonal	1.5	3.6
4.	Miscellaneous		
i.	Habitation		
ii.	Road	12.5	30.5
iii.	Water harvesting bund		
		41.0	100.0

7. Specific problems :-	Area in ha	%
1. Moderate erosion	12.9	31.4
2. Cracks	17.4	42.5
3. Microgilgai relief	3.9	9.5
4. Seasonal water logging	4.6	11.2