

Data Collection Format for Ag-DSM)

Feeder Name	:	Date	:
Name of Farmer	:	Village	:
Connected HP / Sanctioned Demand	:	Metering Status	:
		Pump Code No	:

A : GENERAL FIELD DATA

Pump Location	:	Well Mounted	Borewell Pump	On River Bed	(Mark \checkmark on Appropriate Location)
Type of Drive	:	Flexible Coupling	Mono Block	Submercible	(Mark \checkmark on Appropriate Location)

Motor - PumpSet Specifications

Make	:	Model No	:	Motor Size	:	HP/kW		
Type of Pump	:	Motor Efficiency	:	%	Pump Efficiency	:	%	
Motor Connection	:	Overall Efficiency	:	%	Insulation Class	:		
RPM	:	Max Current	:	A	Impeller Dia.	:	mm	
Total Head	:	m	Head Range	:	m	Discharge Flow	:	m^3 /hr

B : OBSERVATION DATA

Motor Observations

Motor I / P Power	Voltage (V)	V _{RY} :	V _{YB} :	V _{BR} :	V _{Avg} :
	Current (A)	I _a :	I _b :	I _c :	I _{avg} :
	Power Factor				
	Input Power (kW)	(By Calculation)			

Pump Observations

Well/Bore Depth	:	m	Depth of Pump Installation	:	m	Depth Water Table	:	m
Suction Diameter	:	mm	Suction Length	:	m	Suction Head	:	m
Delivery Diameter	:	mm	Delivery Length	:	m	Delivery Head	:	m
Types and Number of Bends and Valves in Delivery Pipe								
Types and Number of Bends and Valves in Suction Pipe								
Foot / Reflex Valve Type								
Water Volume Accumulated in Bucket	:	m^3	Time Taken in Filling Bucket	:	Sec			
Actual Pump Discharge	:	m^3 / hr	(By Calculation)					

Other Observations

Type of Piping	GI Pipe	PVC Pipe	Flexible GI	PVC Flexible Pipe	(Mark \checkmark on Appropriate Location)		
Land for Cultivation in Acres	:		Types of Crops being taken	:			
Duration of Harvesting Cycle	:		No. of Harvesting Cycles	:			
Seasonal Water Level Variation		Pump Operating hrs/day		Area Under Crops / Irrigation			
Summer	:	m	Summer		1	:	m^2
Monsson	:	m	Monsson		2	:	m^2
Winter	:	m	Winter		3	:	m^2

Data Collection Format for Ag-DSM

Sr. No	Information Parameter	Comment/Remark
1	Is Motor Rewound, If yes then how many times rewind	
2	What is the frequency of priming for the pump?	
3	Installation of Pump set (Fixed / Partly Fixed)	
4	Is earthing provided?	
5	Particulars of Pump Installation	
	a Year of erection of pump set	
	b Use of Motor Auto -Starter (Yes / No)	
	c Adequacy of protection equipments / Fuse Block	
6	Geographical position of Pump Location: Latitude Longitude	
7	What is frequency of foot valve blockage?	
8	Is water getting exhausted during extraction of water by pump? If yes, what is the time required to retain original water level?	
9	Any illegal electrical connection found?	
10	Any major water leakage found from pipe or motor-pump coupling ?	
11	If meter is provided, is meter found working properly?	
12	Any replacement of pump is done since from date of connection	
	a If yes, give pump replacement details:	
	b No. of pump replacement done	
	c Rating before the replacement of pump	
13	Draw layout showing location of well, field and borewell.	

Sr. No	Additional Observations
1	
2	
3	
4	
5	
6	
7	
8	
9	