

Satellite Imagery based Spatial Crop Intelligence

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45%

of the country's workforce is engaged in agriculture & allied activities

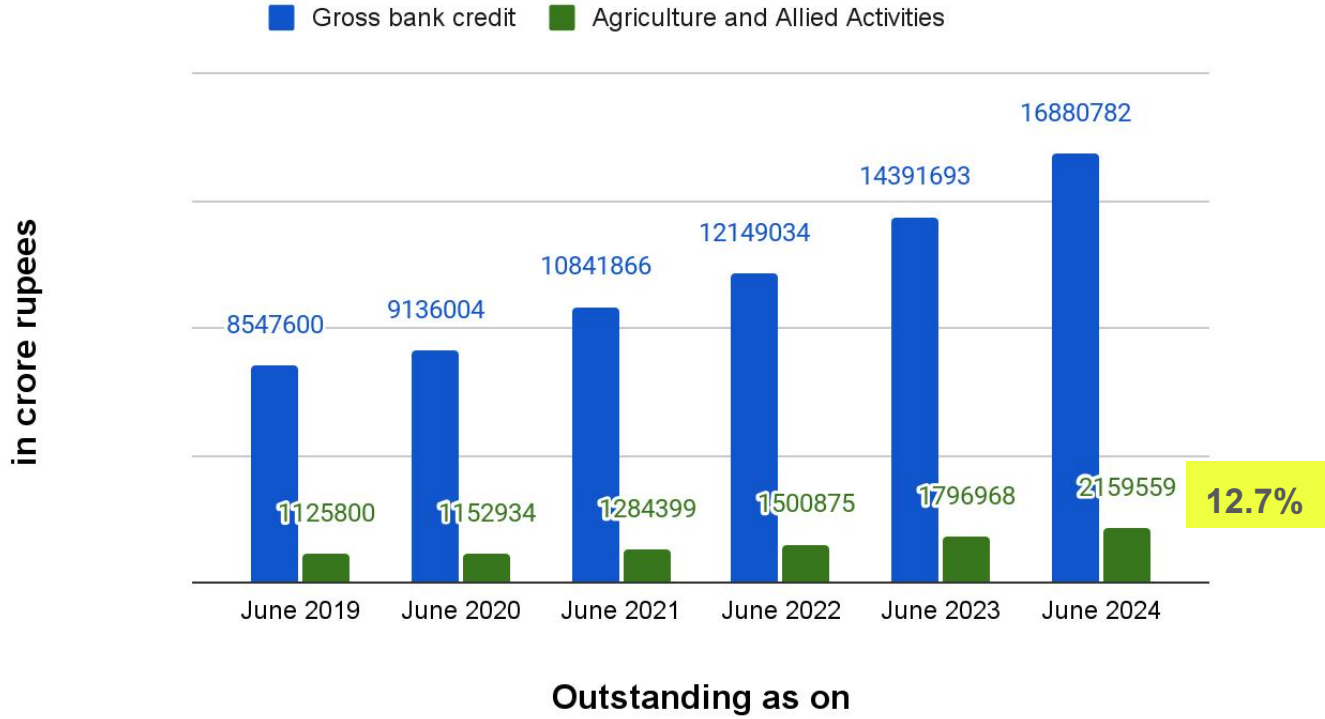
86%

of the landholdings is held by **small and marginal farmers** in India (< 2 ha)

Only 40%

of the **small and marginal farmers** are covered by formal credit.*







High loan processing time and cost due to lack of verification of farm ownership and agricultural performance



Low approval rates due to limited access to alternative data sources (especially for farmers who are new-to-credit)



Poor performance of agri portfolio due to climate-related risks, and information asymmetry between farmers and collections team



End use monitoring is expensive and time consuming but essential to monitor end use of funds to prevent frauds



Overall SatScore



798
Low Risk

SatScore

FACTORS CONTRIBUTING TOWARDS SATSCORE



Farm Details

S.NO.	AS PER OWNERSHIP			AS PER FARM BOUNDARY	
	REGION	SURVEY NO.	AREA(Ha)*	IRRIGATION CONDITION	CROPPING INTENSITY
B1	Haryana, Hisar, Hisar, Alipur	Khewat - 1, Murabba - 25, Khasara - 15	NA	🟢	🌿
B2	Haryana, Hisar, Hisar, Alipur	Khewat - 106, Murabba - 167, Khasara - 22	NA	🟢	🌿
B3	Haryana, Hisar, Hisar, Alipur	Khewat - 106, Murabba - 167, Khasara - 21	NA	🟢	🌿

Cropping History

SEASON	CROP NAME	PRICE (₹/100kg)	CROP PERFORMANCE	CROP YIELD(Kg/Ha)	
				Potential Yield in District	Potential Yield of Farms
Kharif (June 2022 - Nov 2022)	Cotton(lint)	5726	Good	190	(276)
	Coarse Grain	2758	Average	978	(1203)
	Paddy	1960	Average	1284	(1329)
Rabi (Dec 2021 - Mar 2022)	Mustard	5050	Good	1555	(1532)
	Wheat	2015	Below Average	3056	(3013)
Kharif (June 2021 - Nov 2021)	Cotton(lint)	5515	Good	523	(537)
	Coarse Grain	2640	Good	1654	(1609)
	Paddy	1888	Good	2311	(2656)



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last 6 seasons



E1	NEAREST MANDI	11.1 km (Hansi)
E2	PROXIMITY TO NEAREST ROAD/RAIL	0.1 km
E3	PROXIMITY TO NEAREST MAJOR WATER BODY	1.4 km
E4	DROUGHT INSTANCES (At district level, since 2000)	2002,2014
E5	VILLAGE POPULATION (As per Census 2011)	NA
E6	AMBIENT TEMPERATURE (Annual min/max in the year 2021, at sub-district level)	5.1°C-43.1°C
E7	TYPE OF SOIL	Desert (saline) Soils
E8	AGRO-ECOLOGICAL SUB-ZONE	Western Plain Kachchh And Part Of Kathiawar Peninsula, Hot Arid Eco-Region
E9	REGIONAL PROSPERITY INDEX (Based on night light index and population at sub-district level)	0.6/1

SEASON NAME	CROP NAME	CROP AREA (HA AND %)		AVG. CROP YIELD (KG/HA)
Kharif	Cotton(lint)	139333	37.81 %	512
	Paddy	76800	20.84 %	2371
	Guar	46015	12.49 %	915
	Bajra	29100	7.9 %	1924
	Green Gram	11469	3.11 %	616
Rabi	Wheat	223100	60.55 %	4811
	Mustard	72700	19.73 %	2052
	Gram	11000	2.99 %	1405

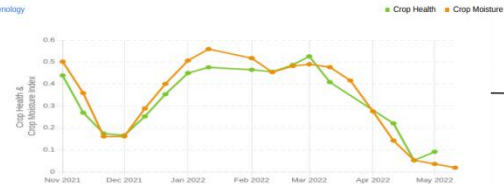


SURVEY DETAILS	FARM LABEL	SUB-FARM LABEL	SUB-FARM CENTROID
B1 Khesav - 1, Murabba - 25, Khasara - 15	G1 Murabba - 25, Khasara - 15	G1A	28.14771° N 75.86547° E

Adjacent Land Details

ADJACENT LAND LABEL	ADJACENT LAND SURVEY DETAILS	DIRECTION
1	Khesav - 35, Murabba - 25, Khasara - 6	North
2	Khesav - 35, Murabba - 25, Khasara - 17	Southwest
3	Khesav - 1, Murabba - 25, Khasara - 19	Northeast
4	Khesav - 35, Murabba - 25, Khasara - 16	South
5	Khesav - 1, Murabba - 25, Khasara - 11	East
6	Khesav - 35, Murabba - 25, Khasara - 7	Northeast
7	Khesav - 1, Murabba - 25, Khasara - 14	West
8	Khesav - 35, Murabba - 25, Khasara - 20	Southeast

Farm Phenology



- ❑ Reduced turnaround time for processing of KCC loans from **weeks** to **< 1 day**
- ❑ Increase in loan approval rate for Farmers by **50%**
- ❑ Reduction of operational costs due to field visits by **80%**
- ❑ More accurate credit risk assessments for the banks - Uplift of upto **15%** on Agri loan portfolio quality of the banks







Empowering Lenders, Transforming Livelihoods

Our vision is to create a future where access to credit is not a privilege but a universal right for every farmer regardless of location or scale.



Impact created in Numbers*

85 Million hectares

AGRI AREA PROCESSED

1.95 Lakhs

VILLAGES MONITORED

2.1 Million

FARMER PLOTS ANALYZED

Our goal is to facilitate access to formal credit for 10 Million small and marginalized farmers by 2027.

The logo for SATSURE SAGE. It features a blue horizontal bar to the left of the word "SATSURE" in white, uppercase, sans-serif font. Below "SATSURE" is the word "SAGE" in a larger, blue, uppercase, sans-serif font.

SATSURE SAGE

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