

Shere farm

Jayawantrao Bhosale Krishna College of Agriculture, Rethare Bk. (JBKCAR) has its own farm in the vicinity of village shere, 6 km away from college campus.

Land utilization pattern at Shere farm

Sr. No.	Gat No.	Cultivable Land ha.	Land under bunds, roads, buildings etc.	Total (ha.)
1.	04	04.85	00.71	05.56
2.	05	08.83	04.48	13.31
3.	06	07.86	02.08	09.94
4.	07	07.54	01.60	09.14
5.	08	00.70	00.91	01.61
6.	09	09.07	00.86	09.93
7.	22	06.93	00.71	07.64
Total-		45.78*	11.35**	57.13

* Cultivable land for cereals, pulses, oilseeds, horticulture and forage crops.

** Building structures of agronomy/horticulture/botany/animal husbandry / seed processing infrastructure/ roads and bunds/ meteorological observatory/well and farm ponds etc.

Kaloba farm

This farm is in the vicinity of sugar factory. It is situated 1 km away from the college (Table 5). The total area of farm is 1.07 ha. and it is 100% irrigated

Land at Kaloba farm

Sr. No.	Gat no.	Cultivable land ha.	Un-cultivable land ha.	Total area ha.	Source of irrigation	Remark
1.	364	01.00	00.07	01.07	Lift irrigation by YMKSSK Ltd.	Sugarcane, Paddy, Soybean (<i>Kharif</i>) & Wheat (<i>Rabi</i>), Seed production (ELM module)

Mayur farm

This farm is situated 0.5 km away from the college campus. This land is made available through, Mayur Sahkari Kukkut Palan Sanstha to Yashwantrao Mohite Krishna Sahakari Sakhar Karkhana Ltd., Rethare Bk. Jayawantrao Bhosale Krishna College of Agriculture, Rethare Bk. by signing the MOU for the benefit of conducting student's practicals and ELP modules.

Land at Mayur farm

Sr. No.	Gat No.	Cultivable land ha.	Un-cultivable land (ha.)	Total (ha.)	Source of irrigation	Remark
1.	167/2	5.00	00	5.00	Lift irrigation of mother institute	Sugarcane/ Crop Cafeteria/ cereals /legumes / oilseeds and horticulture.

Sources of irrigation at various college farms.

Sr. No.	Source of irrigation	Farm location	Area (ha)	Gat no.
1.	Lift irrigation (owned by karkhana)	Shere farm	7.00	07
2.	Open well	Shere farm	3.00	04
3.	Bore well	Shere farm		
4.	Lift irrigation (owned by karkhana)	Kaloba farm	1.08	364
5.	Lift irrigation (owned by Mayur Sahakari Kukut Palan Sanstha)	Mayor farm	5.00	167/2
Total-			16.08	

The total available cultivable land of 51.78 ha. out of cultivable land 16.08 ha. of land is irrigated which contributes **31 per cent** of the total cultivable land. The source of irrigation is underground water / farm pond/ Krishna cooperative lift irrigation. The proposal for separate lift irrigation from Krishna river is being processed separately for Shere farm.

Kaloba and Mayur farm development activities:

1. Experiential Learning Modules on foundation seed production of soybean and paddy was undertaken.
2. Student's field's practicals and ELM modules are being conducted on the Mayur farm.
3. The students were allotted 0.02 ha plot of sugarcane crop as a part of practical crop production for the course no AGRO-359 (Wex)

Agricultural meteorological observatory:

The facility of agricultural meteorological observatory (**'B' class**) is established at Shere farm since 2004 which is operational and data is being displayed digitally at college entrance and submitted to IMD, Pune. The instruments available in the observatory are viz, maximum and minimum thermometers, dry and wet bulb thermometers, single and double stevenson screen, rain gauge, soil thermometer, open pan evaporimeter, sunshine recorder, wind vane and anemometer.

Mr. Sanjay Salunkhe, Agriculture Assistant is trained at IMD, Pune for recording observations.