

Development of Agriculture Sector

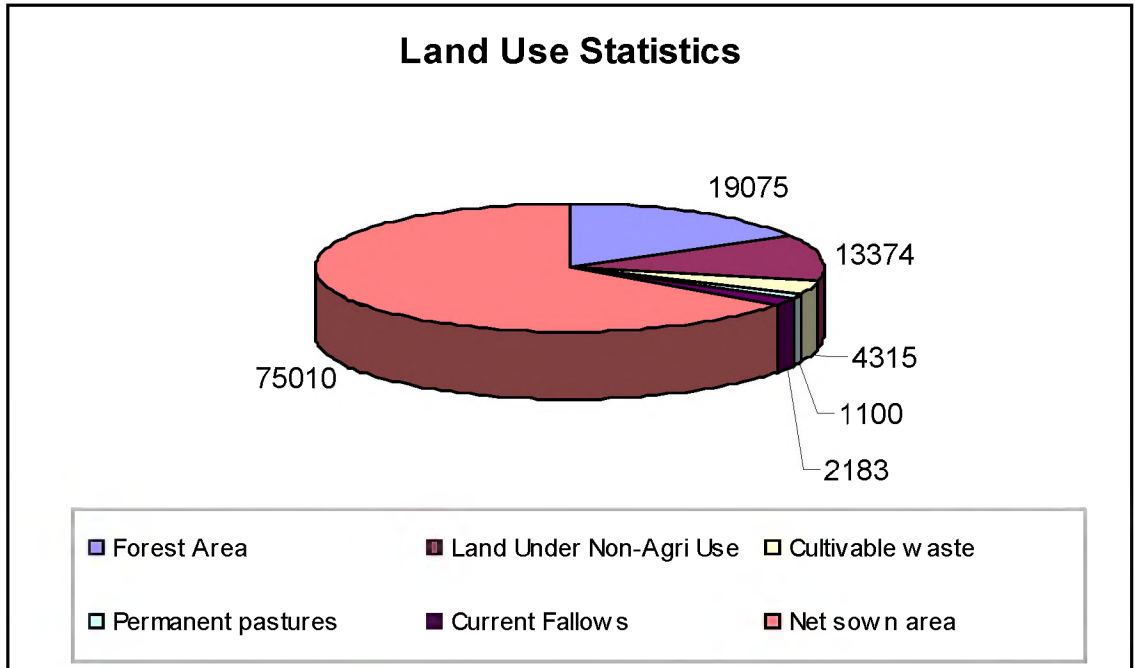
At district level the department of agriculture functions under the guidance of Chief Agricultural Officer (CAO). The office of CAO is situated at S.C.F. 16, Modern Market, Village Mattour, Sector 70, SAS Nagar. To sustain agriculture production, transfer of latest technology to the farmers and to implement various existing schemes and programmes, the CAO is assisted by 3 Agricultural officers (AOs), 17 Agriculture Development Officers at Focal Point Levels, 12 Agriculture Sub-Inspectors along with One Technical Assistant, 3 Statistical Assistants and one Senior Assistant. The department also keeps vigil on the various input supply agencies to insure quality supply of inputs to the farmers.

Land Use

The Geographical area of district is 101713 hectares, out of which 75010 hectares is cultivable area and the cropping intensity is 157%. The net irrigated area is about 96%. The main source of irrigation is through bore-wells; however other sources also contribute towards irrigation to some extent. The detail of land utilization statistics of the district is as under:-

4.1 Land Utilization Statistics (preceding 3 years average)

(Area in ha.)									
Block	Geographical area	Forest Area	Land Under Non-Agri Use	Cultivable waste	Permanent pastures	Current Fallows	Net sown area	Gross cropped area	Cropping intensity (%)
Kharar	38326	13847	2858	3028	1100	546	28701	46179	161
Majri	26744	4000	735	-	-	277	13325	23892	180
Derabassi	36643	1228	636	1287	-	1360	32974	47936	146
TOTAL	101713	19075	13374	4315	1100	2183	75010	118018	157



Soil Health

The Department has one soil testing laboratory in the district situated at block Derabassi. The main objective of setting-up of soil testing laboratory is to insist the farmers to adopt the concept of need based supplementation of essential plant nutrients necessary for improving soil health and sustainable crop production. The soil tests reports helps farmers in planning their production strategies by applying balanced doze of major and micro-nutrients.

4.2 Information Regarding Soil Testing Laboratories in District SAS Nagar

Location of Lab	Block	Stationary/ Mobile	Whether test soil /micro-nutrient	Working under
O/o A.O, Derabassi	Derabassi	Stationery	NPK	CAO, Mohali

During the 2008-09, 3765 soil samples were analyzed and the results are as under:-

4.3 Soil Fertility Indices

Block	No of Soil Samples analyzed	Soil PH			EC (ds/m)			Organic carbon (%)		
		Acidic	Neutral	Alkaline	Low	Medium	High	Low	Medium	High
Kharar	994	994	-	-	994	-	-	396	586	12
Majri	566	566	-	-	566	-	-	235	322	9
Derabassi	2205	2205	-	-	2205	-	-	814	1374	17
TOTAL	3765	3765	-	-	3765	-	-	1445	2282	38
Available Nitrogen (kg/ha)			Available Phosphorus (kg/ha)			Available Potash (kg/ha)				
Low	Medium	High	Low	Medium	High	Low	Medium	High		
325	275	225	162	132	112	-	50	-		