

**SUMMARY OF THE BASIC DATA EXTRACTED FROM  
THE REPORTS OF 13 DISTRICTS OF PUNJAB**

## **Basic Data Summary of District Multan**

- **Total Geographical Area:** 379,000 ha
- **Cropped Area:** 489,000 ha
- **Number of Farms:**
  - Up to 5 acres: 74685
  - 5.1 to 12.5 acres: 23085
  - 12.6 to 25 acres: 10599
  - > 25 acres: 2138

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	92.7	86
Medium soil w.r.t.	7	13
Adequate soil w.r.t.	0.3	1

w.r.t: with respect to

- **Soil Salinity**

- Soil affected soils: 37.3%

- **Water Logged**

- Water-Logged Area : NA

- **Mapping Land Capability: (Hectares)**

- Class I: 349131.8
  - Class II: 439257.5
  - Class III: 402107.9
  - Class IV: 11236.3
  - Class V-VIII: 202374.4

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	167.1	3042
Cotton	179.68	824
Rice	10.5	1619
Maize	6.2	2774
Sugarcane	4.1	50073
Sunflower	4	2044
Jawar	2	650
Onion	1.74	5559
R & M Seed	1.4	1285
Potato	1.04	15600
Vegetable ( Excl. Potato)	4.43	15202
Mango	31.36	13834
Citrus	5.87	9447

- **Fertilizer uses:**

- Nitrogen : 302 kg/ha
- Phosphorous : 67.26 kg/ha
- Potassium : 0.9 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	498548	416494	80726	594299	3430	1783	807	16901	729903

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	13027	16225	5736	582	450	3129	8555	33002

## **Basic Data Summary of District Faisalabad**

- **Total Geographical Area:** 584,000 ha
- **Cropped Area:** 695,000 ha
- **Number of Farms:**
  - Up to 5 acres: 139029
  - 5.1 to 12.5 acres: 58149
  - 12.6 to 25 acres: 11342
  - > 25 acres: 3984

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	79	76
Medium soil w.r.t.	18	18
Adequate soil w.r.t.	3	6

w.r.t: With respect to

- **Soil Salinity**

- Soil affected soils: 21%

- **Water Logged**

- Water-Logged Area : 1767 ha

- **Mapping Land Capability:**

NA

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	281.3	3042
Sugar Cane	111.7	51646
Cotton	60.7	475
Rice	27.1	1701
Maize	19.4	5232
Sesamum	5.2	470
Bajra	4.2	928
R&M Seed	3.6	1027
Potato	1.36	18864
All Vegetable (Excl. Potato)	10.18	15185
Citrus	3.78	7138
Guava	4.16	9604

- **Fertilizer uses:**

- Nitrogen : 109.1 kg/ha
- Phosphorus : 17.2 kg/ha
- Potassium : 0.5 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	460632	1147586	54753	904918	3212	10479	6102	132214	884419

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	20043	25502	8828	505	187	592	5313	40179

## **Basic Data Summary of District T.T. Singh**

- **Total Geographical Area:** 327,000 ha
- **Cropped Area:** 405,000 ha
- **Number of Farms:**
  - Up to 5 acres: 59801
  - 5.1 to 12.5 acres: 40836
  - 12.6 to 25 acres: 6351
  - > 25 acres: 2452

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	78	85
Medium soil w.r.t.	18	15.3
Adequate soil w.r.t.	4	0.7

w.r.t: with respect to

- **Soil Salinity**

- Soil affected soils: 44.8%

- **Water Logged**

- Water-Logged Area : 988 ha

- **Mapping Land Capability:**

NA

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	152.6	3117
Cotton	59.08	553
Sugarcane	46.5	58522
Rice	30.4	1759
Maize	21.9	5579
Sesamum	2.06	339
Bajra	2	1100
Tobacco	1.04	1538
R & M Seed	2.9	1137
Onion	1.6	7687
Potato	4.3	14953
Vegetables (Excl.Potato)	3.9	15666
Citrus	11.8	16025
Guava	2.6	9807

- **Fertilizer uses:**

- Nitrogen : 145 kg/ha
- Phosphorous : 23.6 kg/ha
- Potassium : 1.0 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	273332	438906	47099	503668	963	2177	1863	41839	400821

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	14505	23091	5498	735	263	1092	4753	30040

## **Basic Data Summary of District Jhang**

- **Total Geographical Area:** 616,000 ha
- **Cropped Area:** 668,000 ha
- **Number of Farms:**
  - Up to 5 acres: 115332
  - 5.1 to 12.5 acres: 49518
  - 12.6 to 25 acres: 10812
  - > 25 acres: 6046

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	72	76
Medium soil w.r.t.	22	23
Adequate soil w.r.t.	6	1

w.r.t: with respect to

- **Soil Salinity**

- Soil affected soils: 47.06%

- **Water Logged**

- Water-Logged Area : 1858 ha

- **Mapping Land Capability: (Hectares)**

- Class I: 243417.8
  - Class II: 204387.3
  - Class III: 118058.4
  - Class IV: 34164.44
  - Class V-VIII: 159422.9



- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	261.4	2833
Gram	76.8	119
Cotton	74.46	490
Sugarcane	60	53764
Rice	56.3	1612
Bajra	14.5	993
Maize	9.6	6135
Jawar	2.8	964
Mong	1.5	437
R & M Seed	1.3	1000
Potato	1.06	12695
Vegetable ( Excl. Potato)	2.27	16066
Citrus	1.8	7818
Mango	1.4	12175

- **Fertilizer uses:**

- Nitrogen : 145 kg/ha
- Phosphorous : 22.5 kg/ha
- Potassium : 0.51 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	872819	1175170	385050	1006992	8289	15123	1310	172397	1425237

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	17983	56293	8012	673	392	459	6578	26918

## **Basic Data Summary of District Chiniot**

- **Total Geographical Area:** 264,000 ha
- **Cropped Area:** 288,000 ha
- **Number of Farms:**
  - Up to 5 acres: 61541
  - 5.1 to 12.5 acres: 27786
  - 12.6 to 25 acres: 5720
  - > 25 acres: 1831

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	72	76
Medium soil w.r.t.	22	23
Adequate soil w.r.t.	6	1

w.r.t: With respect to

- **Soil Salinity**
      - Soil affected soils: 47%
    - **Water Logged**
      - Water-Logged Area : 1858 ha
- **Mapping Land Capability:**

NA

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	261.4	2833
Gram	76.8	119
Cotton	74.4	490
Sugar Cane	59.9	53764
Rice	56.3	1612
Bajra	14.5	993
Maize	9.6	6135
Jowar	2.8	964
Mung	1.5	437
R&M Seed	1.3	1000
Potato	1.06	12695
All Vegetable (Excl. Potato)	2.27	16066
Citrus	1.87	7818
Mango	1.47	12175

- **Fertilizer uses:**

- Nitrogen : 81.30 kg/ha
- Phosphorus : 18.03 kg/ha
- Potassium : 0.9 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	872819	1175170	385050	1006992	8289	15123	1310	172397	1425237

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	14031	28565	2703	902	130	448	1616	11560

## **Basic Data Summary of District R.Y. Khan**

- **Total Geographical Area:** 817,000 ha
- **Cropped Area:** 809,000 ha
- **Number of Farms:**
  - Up to 5 acres: 156440
  - 5.1 to 12.5 acres: 51087
  - 12.6 to 25 acres: 15348
  - > 25 acres: 8818

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	94.5	79.5
Medium soil w.r.t.	5.3	20.2
Adequate soil w.r.t.	0.2	0.3

w.r.t: with respect to

- **Soil Salinity**

- Soil affected soils: 12.74%

- **Water Logged**

- Water-Logged Area : NA

- **Mapping Land Capability: (Hectares)**

- Class I: 198164.6
  - Class II: 223798.3
  - Class III: 95130.2
  - Class IV: 10035
  - Class V-VIII: 191355.6

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	285.7	3105
Cotton	244.02	784
Sugarcane	108.9	71452
Rice	18.2	1807
Maize	1.9	2368
Jowar	1.6	875
Bajra	1.2	833
R & M Seed	9.4	1000
Onion	2.2	8659
All Vegetables	5.6	12571
Mango	28.3	9413
Citrus	1.5	9133

- **Fertilizer uses:**

- Nitrogen : 185.6 kg/ha
- Phosphorous : 44.06 kg/ha
- Potassium : 1.0 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	519537	819854	137324	1488299	7069	3725	1058	69949	1112841

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	30251	45343	10380	349	287	2266	15510	108015

## **Basic Data Summary of District Bhawalpur**

- **Total Geographical Area:** 614,000 ha
- **Cropped Area:** 674,000 ha
- **Number of Farms:**
  - Up to 5 acres: 117638
  - 5.1 to 12.5 acres: 38278
  - 12.6 to 25 acres: 14731
  - > 25 acres: 5665

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	89.5	82
Medium soil w.r.t.	10	15
Adequate soil w.r.t.	0.5	3

w.r.t: With respect to

- **Soil Salinity**

- Soil affected soils: 22%

- **Water Logged**

- Water-Logged Area : Nill

- **Mapping Land Capability:**

NA

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Cotton	283.8	817
Wheat	262.2	3191
Sugar Cane	17.8	62185
R&M Seed	16.1	1055
Bajra	4.7	914
Jowar	4.2	571
Rice	4.1	1585
Maize	2.4	2500
Sun flower	10.5	1761
Onion	2.8	7428
All Vegetable (Excl. Potato)	3.5	14371
Citrus	6.8	8323
Mango	4.3	11465

- **Fertilizer uses:**

- Nitrogen : 149.76 kg/ha
- Phosphorus : 31.98 kg/ha
- Potassium : 0.6 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	550476	609254	160027	1044722	3107	2657	1560	43466	994327

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	23239	16437	9537	423	984	2913	16449	47146

## Basic Data Summary of District Bahawal Nagar

- **Total Geographical Area:** 724,000 ha
- **Cropped Area:** 813,000 ha
- **Number of Farms:**
  - Up to 5 acres: 79443
  - 5.1 to 12.5 acres: 59881
  - 12.6 to 25 acres: 17416
  - > 25 acres: 7362

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	72	59
Medium soil w.r.t.	22	29
Adequate soil w.r.t.	6	12

w.r.t: with respect to

- **Soil Salinity**

- Soil affected soils: 50.08%

- **Water Logged**

- Water-Logged Area : 7862 ha

- **Mapping Land Capability: (Hectares)**

- Class I: 219410.5
  - Class II: 104823.4
  - Class III: 154755.6
  - Class IV: 18928.75
  - Class V-VIII: 290900.8



- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	336.3	2941
Cotton	251.7	837
Rice	46.5	2027
Sugarcane	17.8	56556
Bajra	14.1	737
Gram	10.4	788
R & M Seed	19.4	1036
Jowar	805	741
Maize	6.6	6136
Barley	2.1	571
All Vegetables (Excl.Potato)	3.5	13457
Sesamum	3.5	314
Mung	1.3	384
Citrus	3.2	9781
Mango	1.4	13071

- **Fertilizer uses:**

- Nitrogen : 114.14 kg/ha
- Phosphorous : 27.05 kg/ha
- Potassium : 0.5 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	543536	758061	195810	957261	4677	2229	1055	84883	977032

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	24976	28040	11937	350	514	6164	17756	73416

## **Basic Data Summary of District Lodhran**

- **Total Geographical Area:** 280,000 ha
- **Cropped Area:** 448,000 ha
- **Number of Farms:**
  - Up to 5 acres: 80863
  - 5.1 to 12.5 acres: 31404
  - 12.6 to 25 acres: 6999
  - > 25 acres: 2129

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	82	71
Medium soil w.r.t.	15	25
Adequate soil w.r.t.	3	4

w.r.t: With respect to

- **Soil Salinity**

- Soil affected soils: 20%

- **Water Logged**

- Water-Logged Area : Nill

- **Mapping Land Capability:**

NA

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Cotton	210.84	783
Wheat	166.3	3009
Rice	6.1	1491
Maize	2.2	4545
Sugar Cane	2	52250
Sunflower	3.5	2371
Onion	2.5	9520
All Vegetable (Excl. Potato)	1.7	17076
Citrus	1.5	9933

- **Fertilizer uses:**

- Nitrogen : 205.19 kg/ha
- Phosphorus : 41.82 kg/ha
- Potassium : 0.8 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	365997	233324	36695	428356	1053	1528	311	6501	499353

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	12362	9286	6659	554	429	1378	9836	17615

## **Basic Data Summary of District Lahore**

- **Total Geographical Area:** 177,000 ha
- **Cropped Area:** 173,000 ha
- **Number of Farms:**
  - Up to 5 acres: 36313
  - 5.1 to 12.5 acres: 19559
  - 12.6 to 25 acres: 3313
  - > 25 acres: 1174

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	77	68
Medium soil w.r.t.	21	26
Adequate soil w.r.t.	2	6

w.r.t: with respect to

- **Soil Salinity**

- Soil affected soils: 44.09%

- **Water Logged**

- Water-Logged Area : 190 ha

- **Mapping Land Capability: (Hectares)**

- Class I: 572453.8
  - Class II: 181929
  - Class III: 45540.51
  - Class IV: 1682.85
  - Class V-VIII: 55456.38

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	63.9	3001
Rice	32	1746
Maize	3.2	4281
Sugarcane	0.4	45750
Jowar	0.4	750
Potato	2.6	23884
Vegetables (Excl.Potato)	5.7	16596
Guava	1.1	7818

- **Fertilizer uses:**

- Nitrogen : 341.16 kg/ha
- Phosphorous : 49.5 kg/ha
- Potassium : 1.1 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	135280	403128	40695	117530	2272	8196	875	41746	279058

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	6373	6243	2662	28	45	96	230	10147

## Basic Data Summary of District Kasur

- **Total Geographical Area:** 468,000 ha
- **Cropped Area:** 526,000 ha
- **Number of Farms:**
  - Up to 5 acres: 110053
  - 5.1 to 12.5 acres: 46336
  - 12.6 to 25 acres: 9376
  - > 25 acres: 2879

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	80	83
Medium soil w.r.t.	16	16
Adequate soil w.r.t.	4	1

w.r.t: With respect to

- **Soil Salinity**

- Soil affected soils: 41%

- **Water Logged**

- Water-Logged Area : 206 ha

- **Mapping Land Capability:**

NA

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	184.1	3099
Rice	76.9	1908
Maize	45	7617
Sugar Cane	42.5	50717
Cotton	19.02	438
Bajra	13.1	702
Turmeric	4.1	10253
Onion	3.4	7441
Sesamum	2.7	666
Potato	19.5	17061
All Vegetable (Excl. Potato)	6.6	11924
Guava	4.2	5761
Citrus	1.6	5875

- **Fertilizer uses:**

- Nitrogen : 151.06 kg/ha
- Phosphorus : 18.09 kg/ha
- Potassium : 0.8 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	390083	1084505	98370	365792	1559	5511	4709	112465	638304

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	24321	22678	11821	229	459	582	4236	40814

## **Basic Data Summary of District Sheikhpura**

- **Total Geographical Area:** 443,000 ha
- **Cropped Area:** 524,000 ha
- **Number of Farms:**
  - Up to 5 acres: 40207
  - 5.1 to 12.5 acres: 16982
  - 12.6 to 25 acres: 4724
  - > 25 acres: 2656

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	87	88
Medium soil w.r.t.	11	11
Adequate soil w.r.t.	2	1

w.r.t: With respect to

- **Soil Salinity**

- Soil affected soils: 81%

- **Water Logged**

- Water-Logged Area : 10 ha

- **Mapping Land Capability:**

- Class I: 96864.8
  - Class II: 238898.7
  - Class III: 117635.9
  - Class IV: 0
  - Class V-VIII: 152167.7



- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	229.1	2870
Rice	206.8	1779
Maize	6.6	1742
Bajra	4.3	790
Sugar Cane	3.6	52444
Sesamum	2.7	296
Jowar	1.5	800
Potato	3.6	24305
Mattar	1.2	666
All Vegetable (Excl. Potato)	8.4	16297
Guava	4.9	7040
Citrus	1.03	5728

- **Fertilizer uses:**

- Nitrogen : 144.16 kg/ha
- Phosphorus : 17.52 kg/ha
- Potassium : 0.5 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	282821	531022	75353	184144	696	1819	3874	61042	561970

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	11975	19589	5377	709	1245	2213	4070	18385

## **Basic Data Summary of District Nankana Saab**

- **Total Geographical Area:** 237,000 ha
- **Cropped Area:** 448,000 ha
- **Number of Farms:**
  - Up to 5 acres: 68174
  - 5.1 to 12.5 acres: 32386
  - 12.6 to 25 acres: 6997
  - > 25 acres: 2031

- **Identified Problems:**

- **Soil Fertility**

Type	Organic Matter (%)	Available-P (%)
Poor soil w.r.t.	87	88
Medium soil w.r.t.	11	11
Adequate soil w.r.t.	2	1

w.r.t: With respect to

- **Soil Salinity**

- Soil affected soils: 81%

- **Water Logged**

- Water-Logged Area : 10 ha

- **Mapping Land Capability:**

NA

- **Area and yield of crop:**

<b>Crop</b>	<b>Area (000 ha)</b>	<b>Average Yield Kg/ha</b>
Wheat	229.1	2870
Rice	206.8	1779
Maize	6.6	1742
Bajra	4.3	790
Sugar Cane	3.6	52444
Sesamum	2.7	296
Jowar	1.5	800
Potato	3.6	24305
Mattar	1.2	666
All Vegetable (Excl. Potato)	8.4	16297
Guava	4.9	7040
Citrus	1.03	5728

- **Fertilizer uses:**

- Nitrogen : 144.16 kg/ha
- Phosphorus : 17.52 kg/ha
- Potassium : 0.5 kg/ha

- **Live Stock:**

<b>Type</b>	<b>Cattle</b>	<b>Buffaloes</b>	<b>Sheep</b>	<b>Goats</b>	<b>Camels</b>	<b>Horses</b>	<b>Mules</b>	<b>Asses</b>	<b>Poultry</b>
<b>No</b>	130698	401022	39147	255599	1474	5343	2415	54803	432447

- **Agricultural Machinery:**

<b>Type</b>	<b>Tractor</b>	<b>Tubewell Pump</b>	<b>Thresher</b>	<b>Sheller</b>	<b>Combined Harvester</b>	<b>Reaper/ Harvester</b>	<b>Drill</b>	<b>Spray Machine</b>
<b>No</b>	10870	25582	3553	117	158	774	1102	15567