

## **AREA SUFFERING FROM LOW YIELDS COMPARED TO AVERAGE YIELD IN THE GPS**

Information given in table 2.1.2.3 reveals that the total area suffering from low yield in the district 5.51%(253469 ha) in wheat, 6.15%(107202 ha) in paddy and 4.69% (151012 ha) in cotton. In Rampura block under wheat 9.48%, Paddy 4.31%, Cotton 12.41%, area is suffering from low yield . In Bathinda block under wheat 11.31%, paddy 0.26%, cotton 0.52%, in Phul block area under wheat is 2.53%, paddy 2.09%, cotton 5.31%. In block Maur 0.71% under wheat and 5.49% in suffering from low yields. In blocks wheat 3.28%, paddy 13%, cotton 1.85% and block Talwandi Sabo 6.71%, paddy 24.50% and cotton 9.14%. In case of Nathana 19.12% area under paddy and 12.32% area under cotton is suffering from low yields. To achieve the required growth rate in agricultural production its is radically important to identifying the reasons for low yields, so that the suitable remedies can be implemented for increasing the yields of different crops. The table indicates that except the Nathana block in wheat production and Maur block in paddy production, all the blocks have a large area suffering from low yields. The main reasons for low yield are lack of good irrigation water, leveling of land, and formation of hard pan layer in the sub soil. This calls for different schemes for provision of irrigation water and laser leveling in the area on subsidized rates.

### **Information about area suffering from low yield under various crops in different blocks in the district**

<b>Block</b>	<b>Wheat</b>	<b>Paddy</b>	<b>Cotton</b>
Bathinda	5691 (11.31%)	40 (0.26%)	180 (0.52%)
Nathana	-	2829 (19.12%)	1693 (12.32%)
Sangat	1146 (3.28%)	374 (13.0%)	547 (1.85%)
Talwandi/Sabo	2905 (6.71%)	800 (24.50%)	3503 (9.14%)
Maur	540 (0.71%)	-	1166 (5.49%)
Rampura	2294 (9.48%)	586 (4.31%)	1596 (12.48%)
Phul	1030 (2.53%)	672 (2.09%)	531 (5.31%)
<b>Total</b>	<b>13606 (5.51%)</b>	<b>5301 (6.15%)</b>	<b>7523 (4.69%)</b>