

### Annual Growth Rates in Area, Production, Productivity - 1980s and 1990s

8.8 The annual compound growth rate in area, production and yield of major crops during the 1980s and 1990s is listed in the Table 8.7. Amongst foodgrains, wheat has maintained high annual growth, though some deceleration is noticed in the 1990s because of productivity levels having plateaued in Punjab and Haryana. Rice and wheat production taken together,

recorded an annual growth of 2.27 per cent in the 1990s compared to 3.59 per cent in the 1980s. Pulses and coarse cereals have recorded little or no growth in the 1980s and in the 1990s. Some area expansion observed under non-food crops in the 1990s is attributable mainly to the growth in the area under cotton and sugarcane, perhaps at the cost of shrinkage in area under coarse cereals. However, the growth in yield of non-food crops in the 1990s has been lower than that in the 1980s.

**TABLE 8.7**  
**Annual Compound Growth of Crop Area, Production and Productivity**  
(per cent)

Crop	1980-81 to 1989-90			1990-91 to 2000-01		
	Area	Production	Yield	Area	Production	Yield
<b>Rice &amp; Wheat</b>	<b>0.43</b>	<b>3.59</b>	<b>3.15</b>	<b>0.84</b>	<b>2.27</b>	<b>1.42</b>
- Rice	0.41	3.62	3.19	0.63	1.79	1.16
- Wheat	0.47	3.57	3.10	1.21	3.04	1.81
Coarse Cereals	-1.34	0.40	1.62	-1.84	0.06	1.65
Pulses	-0.09	1.52	1.61	-1.02	-0.58	0.27
<b>Total Foodgrains</b>	<b>-0.23</b>	<b>2.85</b>	<b>2.74</b>	<b>-0.20</b>	<b>1.66</b>	<b>1.34</b>
Non-Food Crops	1.12	3.77	2.31	0.84	1.86	0.59
- Oilseeds	-1.51	5.20	2.43	0.44	0.66	0.61
- Sugarcane	1.44	2.70	1.24	1.72	2.62	0.89
- Cotton	-1.25	2.80	4.10	2.21	0.92	-1.26
<b>All Crops</b>	<b>0.10</b>	<b>3.19</b>	<b>2.56</b>	<b>0.08</b>	<b>1.73</b>	<b>1.02</b>