

## Agricultural mechanization

8.45 Power availability for carrying out various agricultural operations has been increasing to reach a level of 1.231 kw/ha in 2001-02 from only 0.295 kw/ha in 1971-72. This increase was the result of increasing use of tractor, power tiller, combine harvesters, irrigation pumps and other power-operated machines. The share of mechanical power has increased from 39.63 per cent in 1971-72

to 83.62 per cent in 2001-02. As in the past, the sale of tractors and power tillers in 2002-03 was the highest in the states of Uttar Pradesh and West Bengal (Table 8.21). Efforts are on to encourage the farmers to adopt technologically advanced agricultural equipments in order to carry farm operations timely and precisely, and to economize the agricultural production process.

**Table 8.21 : Sale of tractors and power tillers (Nos)**

STATES	Tractors		STATES	Power tillers	
	Total sale during last five years	Average annual sale		Total sale during last five years	Average annual sale
Uttar Pradesh	290513	58102	West Bengal	25537	5107
Madhya Pradesh	144049	28810	Tamil nadu	9563	1913
Punjab	121903	24381	Assam	7575	1515
Rajasthan	95450	19090	Karnataka	6737	1347
Haryana	89346	17869	Kerala	4954	991
Gujarat	76439	15288	Orissa	4862	972
Bihar	72467	14493	Andhra Pradesh	3784	757
Andhra Pradesh	68994	13799	Maharashtra	2656	531
Maharashtra	66876	13375	Tripura	1705	341
Karnataka	43163	8633	Gujarat	1530	306
Tamil Nadu	38852	7770	Bihar	1160	232
Orissa	15473	3095			
Other States/UTs and Export etc.	65210	13042	Other States/UTs	5503	1101
<b>All India</b>	<b>1188735</b>	<b>237747</b>	<b>All India</b>	<b>75566</b>	<b>15113</b>

Source : Ministry of Agriculture.