TABLE-6.12

Index Number of Agricultural Area, Production, Productivity, Cropping Pattern, Cropping Intensity,
Productivity per Hectare of Net Area Sown of Selected Crops and Net Area Sown in West Bengal

(Base : Crop year 1981-82 =100)

Year	Area	Production	Productivity	Cropping pattern	Cropping intensity	Productivity per hectare of net area sown	Net area sown
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1990-91	109.8	162.7	148.2	114.2	111.8	165.7	98.2
1995-96	111.8	187.2	167.4	121.8	114.0	190.8	98.1
1999-00	117.4	218.0	185.7	129.0	119.4	221.8	98.3
2000-01	110.3	210.2	190.7	128.8	113.4	216.0	97.3
2001-02	119.4	240.6	201.5	126.8	120.4	242.5	99.2
2002-03	115.6	225.4	195.0	130.1	120.2	234.3	96.2
2003-04	117.5	236.8	201.5	126.8	120.5	242.9	97.5
2004-05	115.1	234.0	203.3	128.3	119.2	242.2	96.6
2005-06	114.5	232.9	203.4	130.7	120.4	244.9	95.1
2006-07	115.3	227.0	196.9	133.8	121.2	238.7	95.1
2007-08	115.7	251.9	217.7	134.7	121.7	264.9	95.1
2008-09	117.4	225.8	192.3	134.1	123.4	237.4	95.1
2009-10	113.4	267.3	235.7	134.1	120.1	283.1	94.4
2010-11	103.5	253.9	245.3	138.7	115.4	283.1	89.7
2011-12	110.5	250.9	226.9	131.9	118.4	268.6	93.4
2012-13	112.2	268.1	238.9	132.5	120.0	286.7	93.5
2013-14	114.3	265.4	232.2	136.2	122.2	283.8	94.0
2014-15	115.1	294.6	255.9	133.3	122.3	313.0	94.1

Source : Bureau of Applied Economics & Statistics, GoWB.

Notes :

i) Index of Cropping pattern in the j-th year $= \dfrac{\Sigma C_{ij} Y_{io} P_{io}}{\Sigma\ C_{io} Y_{io} P_{io}} \times 100$

Where $C_{io} = \dfrac{a_{io}}{\Sigma a_{io}}$ = Proportion of area under the i-th crop in the base period

$C_{ij} = \dfrac{a_{ij}}{\Sigma\ a_{ij}}$ = Proportion of area under the i-th crop in the j-th period

Y_{io} = Yield per hectare of the i-th crop in the base period

P_{io} = Price per unit of the i-th crop in the base period

ii) Index of Cropping Intensity $= \dfrac{\text{Index of area under crops} \times 100}{\text{Index of net area sown}}$