

Appendix-I: Coefficient variation of area, production and productivity of important cereal crops in all the regions of Madhya Pradesh.

Crop	M.P.	Regions										XII		
		I	II	III	IV	V	VI	VII	VIII	IX	X		XI	
Total foodgrain crops	A	3	3	6	3	4	2	4	2	4	3	9	2	6
	P	8	9	8	11	12	11	17	12	17	16	30	8	14
	Y	-	10	4	9	10	10	13	11	13	16	23	8	10
Total cereal crops	A	2	4	7	5	5	7	3	3	3	3	4	4	2
	P	8	9	9	12	8	9	16	15	16	22	16	8	13
	Y	-	10	4	9	9	10	14	14	14	20	13	9	13
Rice	A	4	3	8	4	3	4	8	4	8	14	15	8	16
	P	8	9	10	14	16	14	25	14	17	17	24	13	23
	Y	8	8	5	12	14	13	19	23	17	17	15	15	17
Wheat	A	7	2	14	16	6	7	12	10	12	7	10	9	36
	P	16	15	28	22	27	16	26	11	26	29	19	20	57
	Y	11	13	20	9	26	16	16	6	16	25	20	14	26
Jowar	A	7	110	15	4	8	13	6	10	6	17	5	7	21
	P	10	12	19	9	12	13	13	16	13	20	13	11	21
	Y	6	11	6	9	11	5	10	10	12	12	10	10	12
Kodo-Kutki	A	5	8	7	7	13	13	19	14	19	5	29	8	26
	P	13	9	16	14	20	21	21	36	21	21	33	16	30
	Y	9	8	16	11	16	10	15	30	15	21	15	15	12

A = Area
P = Production
Y = Yield

Appendix-II: Coefficient variation of area, production and productivity of important pulse crops in all the regions of Madhya Pradesh.

Crop	Regions												
	M.P.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Total pulse crops	A	7	6	8	5	15	7	3	9	11	22	5	19
	P	13	9	14	15	20	18	11	21	19	29	13	23
	Y	-	5	10	14	10	14	10	13	13	19	8	11
Gram	A	10	17	9	7	17	12	4	6	12	30	21	25
	P	15	20	17	15	12	23	23	22	22	39	22	31
	Y	9	16	11	15	22	18	25	16	18	10	7	9
Arhar	A	3	13	5	8	19	13	8	12	8	4	4	18
	P	14	26	15	16	14	22	23	19	25	15	16	25
	Y	13	19	13	15	23	14	31	14	21	13	17	14
Urid	A	8	23	3	21	11	9	25	22	27	25	4	25
	P	10	29	9	27	24	16	11	33	26	28	14	23
	Y	7	11	10	13	20	15	20	16	18	11	12	12
Teora	A	10	10	13	12	13	18	29	117	12	21	32	-
	P	15	27	24	28	22	22	47	79	29	26	207	-
	Y	19	25	19	19	14	15	28	150	19	16	383	-
Lentil	A	7	15	29	19	14	21	23	14	16	3	16	-
	P	10	14	34	22	46	31	26	23	21	15	20	-
	Y	8	9	11	10	41	17	35	15	8	14	76	-

Appendix-III: Coefficient variation of area, production and productivity of important oilseed crops in all the regions of Madhya Pradesh.

Crop	M.P.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Total oilseeds	A	5	7	9	15	13	47	11	21	9	14	17	13
	P	12	17	21	20	40	57	31	20	34	16	25	8
	Y	-	14	13	19	11	54	21	16	22	6	15	12
Mustard	A	15	6	12	17	15	114	28	29	39	117	-	-
	P	32	22	29	24	29	-	55	41	63	146	-	-
	Y	30	18	20	15	18	29	29	20	45	207	-	-
Soybean	A	122	60	-	146	114	180	183	171	194	109	135	120
	P	136	289	-	241	222	194	226	223	198	124	157	134
	Y	10	289	-	48	74	42	36	52	30	46	50	38
Sesamum	A	18	13	17	13	27	5	35	17	22	46	51	97
	P	23	23	24	18	37	14	23	29	32	37	45	97
	Y	13	15	14	10	41	27	13	20	15	12	11	15
Linseed	A	14	9	33	19	28	23	21	21	18	23	25	-
	P	22	24	21	24	27	24	35	22	28	28	29	-
	Y	10	20	16	10	20	9	27	10	17	7	10	-
Groundnut	A	13	13	88	52	31	76	31	68	25	19	21	13
	P	18	12	82	21	35	86	27	95	24	21	26	12
	Y	9	20	20	10	11	23	34	83	21	7	14	11
<u>Commercial crops</u>													
Sugarcane	A	24	32	38	52	43	28	29	108	13	32	30	-
	P	22	29	33	18	34	35	20	18	14	35	45	-
	Y	6	7	256	16	-	21	39	42	10	12	19	-
Cotton	A	6	82	-	72	131	10	32	-	4	20	17	13
	P	5	77	-	72	-	100	81	-	126	76	90	76
	Y	6	51	-	121	95	84	96	-	123	99	73	93

A = Area
P = Production
Y = Yield

Appendix-IV: Coefficient variation of factors affecting the agricultural growth in all the regions of Madhya Pradesh.

Factors	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	MAP.
Net area sown	15.1	6.0	21.1	1.4	1.7	1.2	2.6	3.7	4.2	1.0	1.0	1.7	1.5
Total cropped area	10.2	5.7	20.0	2.5	2.6	3.6	20.5	1.2	2.0	6.6	2.2	4.2	3.3
Net area irrigated	10.0	14.9	33.0	20.9	33.7	67.2	21.0	15.0	25.2	50.6	34.9	40.6	21.0
Cropped area irrigated	14.6	14.9	41.9	23.9	34.6	59.7	23.3	15.9	23.0	31.6	35.6	43.6	21.4
Netly area irrigated	12.9	22.1	25.2	9.2	18.4	24.6	15.6	23.9	57.1	72.6	60.6	157.0	12.5
Netly area irrigated	60.7	61.6	60.1	16.7	33.3	61.5	27.9	19.9	24.9	32.5	16.6	10.9	31.2
Total cereals area irrigated	19.9	16.9	53.6	24.9	32.6	52.6	22.7	14.9	25.4	37.1	22.1	42.6	27.4
Total pulse area irrigated	52.6	35.3	31.4	10.6	67.0	96.3	15.6	2.4	11.3	54.1	40.2	53.1	24.6
Total oilseed area irrigated	14.7	-	53.0	13.5	-	-	56.4	33.2	31.6	16.6	79.9	100.1	170.6
Sugarcane area irrigated	10.7	20.4	19.1	7.4	16.7	47.9	4.6	41.4	41.4	26.8	40.4	16.9	21.4
Cotton area irrigated	-	-	-	-	-	-	-	-	61.6	53.1	91.6	35.6	70.0
Total dry area	17.0	33.7	47.3	73.6	73.6	74.9	67.3	41.3	56.1	60.9	56.0	63.0	59.0
Total NW area	49.6	31.3	73.9	33.9	93.4	50.4	64.0	30.9	41.0	75.6	93.7	102.0	59.1
Total NW area	66.0	56.4	33.0	73.3	73.4	94.3	59.1	43.6	61.0	53.7	56.7	65.3	66.3
Total NW area	100.2	136.3	99.1	50.6	50.0	69.9	60.6	73.6	73.6	91.4	73.7	104.0	77.0
Map of Madhya Pradesh	34.6	14.1	51.0	50.7	50.4	59.0	55.3	31.6	59.0	59.6	46.3	73.1	46.0

V I T A

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