

KRISHI VIGYAN KENDRA TIKAMGARH 472 001 (M.P.)



WEL COME

TIKAMGARH DISTRICT AT A GLANCE



Social Status

Tehsils & Blocks	: 06
No. of Villages	: 1003
No of Gram Panchayats	: 459
Population(2001)	: 12,02,998
Male Female Ratio	: 1000 : 886
Population Density	: 238
Population Composition	:
SCs	: 24.9 %
STs	: 04.32 %
Literacy	: 55.73 %
Livelihood on Agriculture	: 75 %

General Information

District : Tikamgarh

Crop Zone : Sorghum - Wheat

Agro-climatic Zone : Bundelkhand, Zone VIII

Elevation : 426.7 MSL

Geographical Position : 24°26'10" to 25°33'15" N Latitude
78 25'10" to 79 25'16" E Longitude

Area : 5040 Sq Km

Extension : 125 Km North to South
60 Km East to West

Land Holding Pattern

Farmer's category	Size of land holding	No. of Farmers	Percentage
Marginal	Below 1 ha	77592	44.81
Small	1 ha to 2 ha	48778	28.17
Semi medium	2 ha to 4 ha	33496	19.33
medium	02 ha 04 ha	12376	7.14
Large	04 ha 10 ha	77592	0.51
	Total	173134	

Soil Types

Types of soil: Black ,Red mix

Types of soil	Area (000 ha)	Percentage	Special Features
Heavy (Kanbar/Mar)	94.3	20.28	The soils are black in color, possess high moisture holding capacity & have integrated montmorillonite, illite and chloride minerals which are covered under the order of vertisols.
Medium (Padua) Sandy loam	311.0	66.88	Soils are light grey in color, well drained, better suited for all types of crops under irrigated conditions which are covered under two orders vertisols & inceptisols.
Light Soil (Rankar) Sandy loam	59.6	12.80	The soils are Red in Colour, very light in texture, deficient of nutrients, low water holding capacity which are covered under order of entisols & inceptisols.

Rainfall Pattern

Year	Rainfall (mm)
1994-95	924.4
1995-96	820.4
1996-97	1127.3
1997-98	1138
1998-99	1028
1999-00	1264.5
2000-01	637.8
2001-02	803.3
2002-03	676.8
2003-04	1148
2004-05	694.1
2005-06	680.9
2000-07	493.8

Climate: Hot & Semi Arid

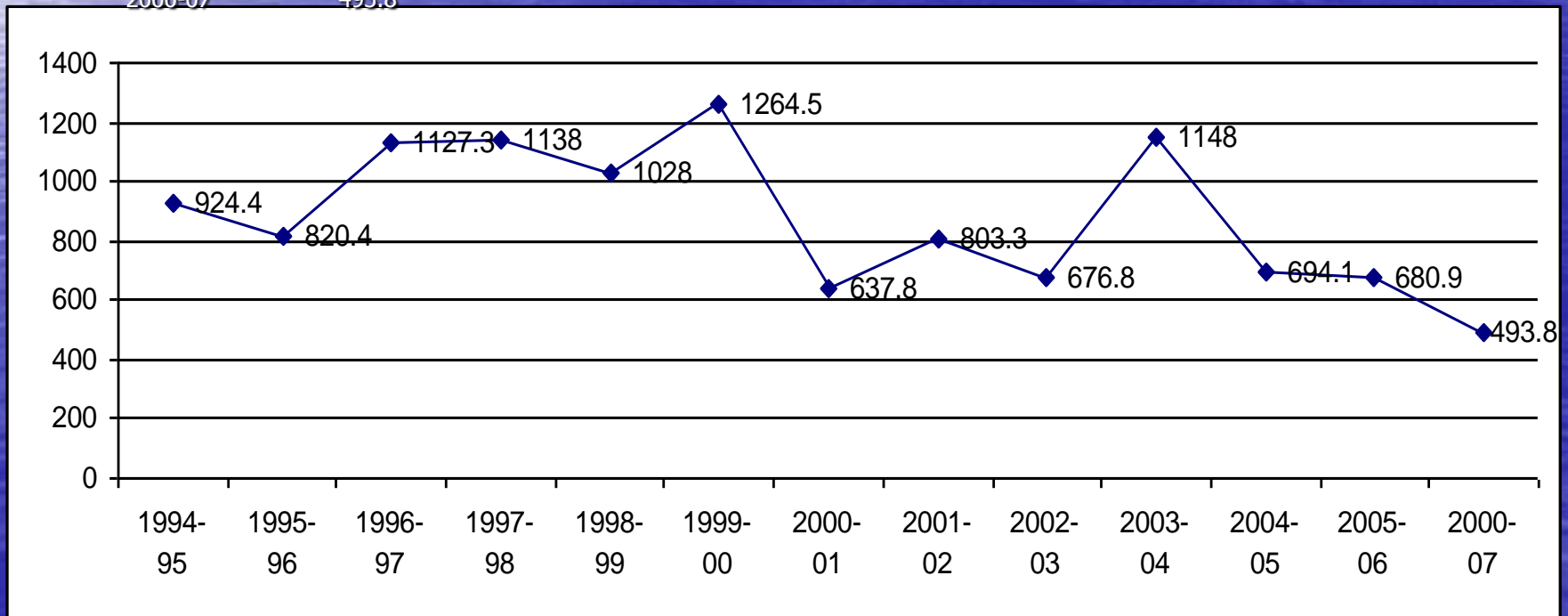
Monsoon: South west

On set of Monsoon: June End

Withdrawal: Mid September

Winter Rains: Less Chances

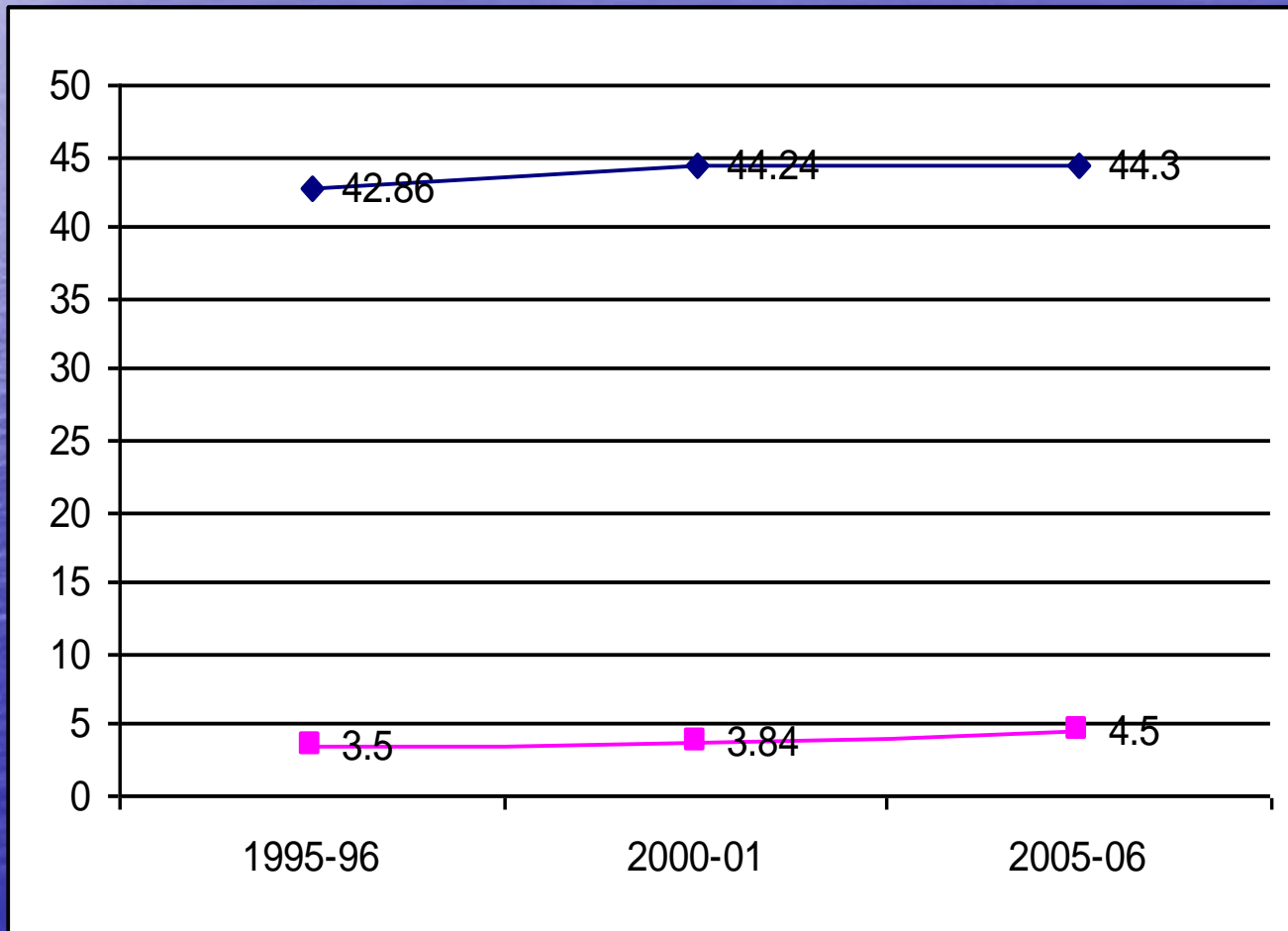
Annual Average rainfall: 1001.10 MM



Temperature

Maximum: 31.60° C (Nov) 42.00° C (May)

Minimum: 3.740 C (Dec) 25.4 C (May)



Land Utilization Classification

Particular	Area (ha)	Total area (%)
Geographical Area	504002	
Forest Area	68940	13.67
Land put to non agricultural use	95440	18.93
Cultivable waste land	23239	4.61
Cultivable land	20969	4.16
Fallow land	54463	10.80
Net Sown Area	240951	47.50

Irrigation potential

Source	Area (ha)	Percentage
Canal	13480	8.27
Tube-well	8873	5.44
Wells	123574	75.82
Ponds	10513	6.45
Others	6586	4.08
Total	162976	100

Irrigated Area : 67 %

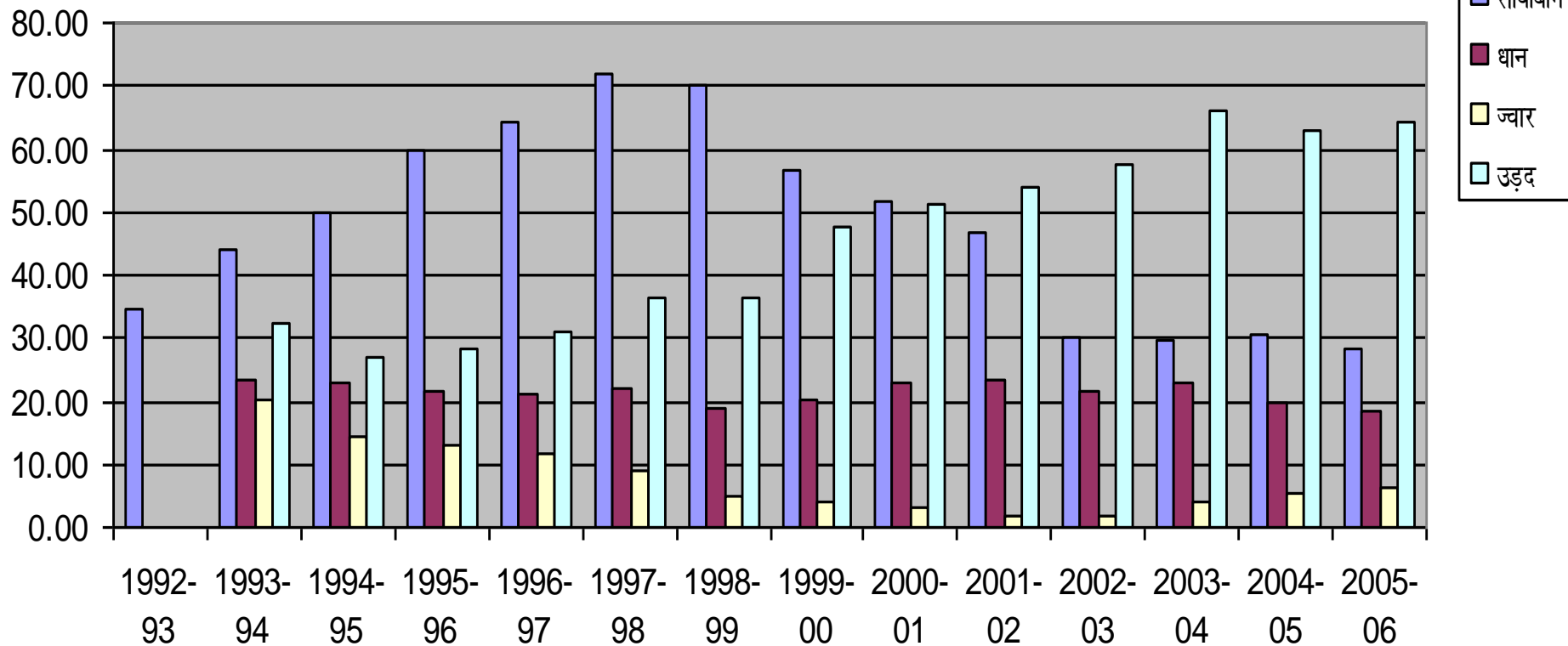
Cropping Intensity : 154.10 %

Major Crops

Kharif crops	Area (ha)	Yield (Kg/ha)
Paddy	18.37	9.59
Jowar	6.22	3.24
Maize	2.20	1.14
Black gram	64.35	33.61
Green gram	6.00	3.13
Groundnut	17.68	9.23
Sesame	21.93	11.45
Soybean	28.35	14.81
Other	26.32	13.74
Total	191.42	-

Rabi crops	Area (ha)	Yield (Kg/ha)
Wheat	94.99	53.00
Barley	7.70	4.29
Gram	29.68	16.56
Pea	16.50	9.20
Lentil	3.50	1.95
Mustard	17.00	9.48
Other	9.84	5.49
Total	179.21	-

Status & Expansion of Kharif Crops



Major Horticultural crops

Crops	Area (ha)	%
Fruits	2815	11.30
Vegetables	19881	79.85
Spices	2199	8.83
Total	24895	-

Fruit crops	Area (ha)	%
Mango	240	8.52
Lemon	260	9.23
Papaya	252	8.95
Guava	167	5.76
Others	1896	65.46
Total	2815	-

Spices crops	Area (ha)	%
Ginger	991	45.06
Chilly	719	32.69
Turmeric	115	5.22
Coriander	234	10.64
Others	140	6.36
Total	2199	-

Vegetable Crops	Area (ha)	%
vkyw	1652	8.30
eVj	10000	50.29
VekVj	674	3.39
csaxu	617	3.10
I;kt	370	1.86
vU;	6568	33.04
;ksx	19881	-

Cattle Wealth

Cattle Wealth	Population (Lacs)	Total (%)
Cows	4.90 (0.77)	49.00 (15.75)
Buffaloes	1.81 (0.63)	18.1 (35.03)
Sheep	0.44	24.40
Goat	2.82	28.20
Others	0.10	0.99
Total	10.07	-
Poultry	1.27	-

Fisheries

Available Resources-

No. of Ponds: 1420

Area (ha): 7807 ha

Available Resources for fisheries-

No. of Ponds: 789

Area (ha): 6952 ha

Machhua co-operative societies in action-

No. of Societies: 96

No. of members: 6072

Self Help Group-

No. of Groups: 462

No. of Members: 4108

Productivity 2006

Kharif Crop	Tikamgarh	M.P.
Paddy	6.33	7.59
Jowar	10.00	9.58
Maize	6.88	14.06
Black gram	3.98	3.61
Green gram	3.17	3.12
Groundnut	7.78	11.54
Sesame	2.89	3.96
Soybean	6.87	8.36

Rabi Crop	Tikamgarh	M.P.
Wheat	13.86	18.11
Barley	10.65	12.53
Gram	9.16	9.29
Pea	7.19	4.83
Lentil	6.29	4.58
Mustard	4.25	9.89

Productivity of horticultural crops

Fruit crops	Tikamgarh	M.P.
Mango	100	-
Lemon	160	160
Papaya	350	270
Guava	180	-

Spices crops	Tikamgarh	M.P.
Ginger	160	-
Chilly	65	-
Turmeric	50	-
Coriander	10	-

Vegetable crops	Tikamgarh	M.P.
Potato	210	150
Tomato	200	&
Brinjal	225	150
Onion	250	150

Milk Production

In liters/day/cattle

Cattle	Tikamgarh	M.P.	India
Cows	1.70	1.28	2.4
Buffaloes	2.23	3.03	4.40

Fish Production

In Kg

Status	Tikamgarh	M.P.	India
Village Ponds	1530	1375	2180
Irrigation Ponds	81	53	48

Fertilizer consumption

Crop Season	Kg/ha
Kharif	10.64
Rabi	86.70
Total	97.34

Seed Replacement Rate

Crop Season	Rate %
Kharif	3.43
Rabi	5.18
Total	8.61

Thrust area of the district

Crop Production :

- Use of local varieties
- Imbalanced dose of fertilizers
- Weed Infestation
- infestation of insect pest & diseases
- Lack of adequate grain storage facilities

Animal Production :

- Rearing of local breeds
- Free grazing
- Lack of proper cattle feed
- Shortage of green fodder
- Disease attack

Fisheries:

- Lack of suitable water
- Inadequate feed
- Lack of technical knowledge