

In crop management, trials on NPK, spacing and intercropping with annual crops are being pursued. The treatments for one entomological trial is yet to be revised. The centre is to submit an ad-hoc project on mealy bugs in Konkan coast for the consideration of ICAR. Vengurla centre produces every year over 2 to 3 lakhs of grafts. The centre's performance is assessed as satisfactory.

#### **Vridhachalam (TNAU)**

The centre has 255 accessions in its cashew germplasm. It has been advised to discontinue the MLT-86 trial as not even ten plants per entry are available. Two new trials on intercropping with oil seeds and higher doses of fertilizers in farmers' fields are to be laid out. Treatment of carbaryl (0.2%) in mudslurry and sevidol granules was

found effective as prophylactic control against stem and root borer. Entomological projects are going on well. The performance on the centre is assessed as satisfactory.

#### **(f) PROBLEMS IN FUNCTIONING OF THE CENTRES**

One of the general problems expressed by the scientists of the centres is inadequate recurring contingencies to carry out experiments / trials. However, in 1997-98 the recurring contingency has been increased from Rs. 20,000 to Rs. 40,000 per scientist. For Chintamani centre although a jeep was sanctioned in the VIII Plan budget, the Council's clearance is still awaited. A post of Junior Horticulturist at Jagdalpur centre needs to be filled up at the earliest by the University.

#### **(g) METEOROLOGICAL DATA (1996-97)**

##### **BAPATLA**

Month & Year	Temperature (°C)		Relative humidity %		Rainfall m.m	No. of rainy days
	Maximum	Minimum	AM	PM		
Apr.96	33.5	26.0	72.0	69.0	9.8	1
May 96	39.9	27.2	61.0	59.0	4.6	1
Jun.96	35.8	27.2	65.0	54.0	67.9	4
Jul.96	32.7	25.7	73.0	61.0	74.8	8
Aug.96	33.0	25.5	77.0	70.0	373.1	14
Sep.96	32.8	24.9	88.0	75.0	203.5	11
Oct.96	30.5	24.2	87.0	82.0	410.2	12
Nov. 96	30.5	21.0	84.0	73.0	70.6	4
Dec.96	28.6	18.1	90.0	70.0	19.4	3
Jan.97	28.3	16.4	90.0	66.0	22.3	2
Feb.97	30.2	18.3	91.0	71.0	-	-
Mar.97	32.7	21.2	86.0	68.0	-	-

## BHUBANESWAR

Month & Year	Temperature (°C)		Relative humidity %		Rainfall m.m	No. of rainy days
	Maximum	Minimum	AM	PM		
Apr.96	36.9	24.5	89	45	17.2	4
May 96	37.5	26.8	87	55	41.1	5
Jun.96	34.1	25.4	90	68	134.5	14
Jul.96	32.8	25.3	92	72	141.5	16
Aug.96	30.9	25.0	93	79	227.9	25
Sep.96	33.1	25.1	93	68	67.0	8
Oct.96	31.9	23.1	93	62	109.2	9
Nov. 96	30.2	17.4	92	46	16.3	5
Dec.96	28.0	12.9	85	35	-	-
Jan.97	27.3	13.6	90	45	0.7	3
Feb.97	31.1	17.1	92	39	8.0	3
Mar.97	34.7	22.1	97	46	54.6	4

## HINTAMANI

Month & Year	Temperature (°C)		Relative humidity %		Rainfall m.m	No. of rainy days
	Maximum	Minimum	AM	PM		
Jan.96	27.6	12.2	70.9	34.2	0	0
Feb.96	29.5	12.1	62.2	30.4	0	0
Mar.96	33.8	15.3	53.0	24.4	0	0
Apr.96	34.15	0	70.4	40.2	62.0	2
May96	30.0	0	56.4	31.9	50.0	3
Jun.96	32.4	0	74.2	49.3	197.5	11
Jul.96	30.8	0	76.4	53.1	20.6	4
Aug.96	29.0	0	76.4	58.8	62.8	6
Sep.96	29.2	0	81.8	65.2	170.5	13
Oct.96	27.1	0	80.8	67.4	75.4	6
Nov. 96	27.0	0	71.7	62.6	10.8	2

## JAGDALPUR

Month & Year	Temperature (°C)		Relative humidity %		Rainfall m.m	No. of rainy days
	Maximum	Minimum	AM	PM		
Jan.96	28.5	14.6	93	29	2.6	01
Feb.96	31.1	15.2	84	16	15.6	01
Mar.96	35.6	18.7	65	12	25.8	02
Apr.96	36.1	22.5	64	22	103.3	05
May 96	39.5	26.1	50	18	2.8	00
Jun.96	32.8	24.0	77	50	133.1	06
Jul.96	29.1	23.2	90	75	468.4	17
Aug.96	28.2	22.6	93	78	244.6	22
Sep.96	30.6	22.9	92	71	188.6	12
Oct.96	29.1	20.6	90	57	37.8	05
Nov. 96	29.3	15.4	92	32	1.8	-
Dec.96	27.3	9.9	89	26	NIL	-

## JHARGRAM

Month & Year	Temperature (°C)		Relative humidity %		Rainfall m.m	No. of rainy days
	Maximum	Minimum	AM	PM		
Apr.96	37.5	18.6	82.6	44.0	64.4	6
May 96	39.4	21.0	84.0	47.6	31.6	8
Jun.96	38.8	22.0	88.2	65.7	155.4	11
Jul.96	35.4	23.5	90.8	71.5	286.0	16
Aug.96	35.0	23.0	91.5	76.0	310.2	19
Sep.96	35.6	22.8	90.0	71.3	224.4	18
Oct.96	30.0	22.8	86.8	66.3	172.6	8
Nov. 96	29.0	14.6	83.0	50.4	19.2	5
Dec.96	25.5	11.5	80.4	45.2	21.6	3
Jan.97	26.0	11.0	80.0	39.4	-	-
Feb.97	28.8	15.4	80.2	42.7	12.0	2
Mar.97	34.0	20.4	82.0	35.9	15.8	4

# DAKKATHARA

Month & Year	Temperature (°C)		Relative humidity %		Rainfall m.m	No. of rainy days
	Maximum	Minimum	AM	PM		
1996	34.6	25.0	87	59	152.0	7
July 96	32.8	25.2	91	63	95.4	4
1996	30.5	23.8	94	75	400.3	16
1996	28.8	23.1	96	83	588.1	25
1996	29.1	23.6	95	78	310.0	20
1996	29.2	23.7	94	74	391.6	17
1996	30.1	22.9	93	70	219.3	12
1996	31.5	23.6	84	59	22.1	2
1996	30.5	21.8	80	55	60.4	2
1997	32.0	22.9	78	45	0	0
1997	33.9	21.8	82	39	0	0
1997	35.7	24.0	82	37	0	0

# CODE

Month & Year	Temperature (°C)		Relative humidity %		Rainfall m.m	No. of rainy days
	Maximum	Minimum	AM	PM		
1995	32.9	25.3	88.2	66.2	45.9	5
1996	33.2	26.0	83.6	63.0	36.6	1
1996	29.5	24.0	96.1	84.3	254.4	18
1996	28.5	23.4	98.2	88.2	1173.8	27
1996	28.5	23.8	99.4	85.6	423.5	25
1995	29.4	24.1	97.6	82.1	259.7	9
1995	29.6	23.0	96.6	76.1	260.2	16
1996	31.3	23.0	96.6	67.9	65.4	2
1995	30.7	20.3	96.0	59.5	45.6	3
1997	31.2	19.8	91.9	57.2	0.0	0
1997	31.1	20.3	85.4	60.9	0.0	0
1997	32.5	22.6	87.2	64.6	0.0	0

## VENGURLA

Month & Year	Temperature (°C)		Relative humidity		Rainfall m.m	No. of rainy days
	Maximum	Minimum	Percentage			
			Mean			
Apr.96	32.4	24.5	67.5		0	-
May 96	32.4	25.8	65.9		1.0	3
Jun.96	30.8	25.5	79.0		837.8	23
Jul.96	28.6	24.9	85.2		1043.4	29
Aug.96	28.7	24.3	84.1		403.6	31
Sep.96	30.1	25.1	83.5		94.8	19
Oct.96	31.9	25.6	77.3		382.6	10
Nov. 96	32.4	21.8	70.6		1.5	2
Dec.96	31.9	18.7	66.3		0	-
Jan.97	31.0	16.2	50.8		0	-
Feb.97	31.0	14.8	50.3		0	-
Mar.97	29.6	22.5	68.4		0	-

## VRIDHACHALAM

Month & Year	Temperature (°C)		Relative humidity %		Rainfall m.m	No. of rainy days
	Maximum	Minimum	AM	PM		
Apr.96	39.3	26.3	88	55	146.5	3
May 96	40.6	28.7	79	52	60.5	2
Jun.96	36.3	26.9	84	52	213.9	11
Jul.96	34.8	25.8	84	50	6.0	1
Aug.96	34.6	25.6	84	54	161.2	9
Sep.96	34.4	25.1	84	53	160.1	10
Oct.96	32.6	24.3	84	74	127.3	12
Nov. 96	28.7	21.8	83	73	264.6	13
Dec.96	29.2	19.9	87	70	828.0	10
Jan.97	30.6	19.5	91	72	5.4	-
Feb.97	33.7	19.2	91	65	-	-
Mar.97	36.2	23.4	87	64	-	-