South Konkan of Maharashtra
Location Map

Fig. 2.1
South Konkan of Maharashtra
Administrative Units

<table>
<thead>
<tr>
<th>Code</th>
<th>Tahsil</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mandangad</td>
</tr>
<tr>
<td>2</td>
<td>Dapoli</td>
</tr>
<tr>
<td>3</td>
<td>Khed</td>
</tr>
<tr>
<td>4</td>
<td>Guhagar</td>
</tr>
<tr>
<td>5</td>
<td>Chiplun</td>
</tr>
<tr>
<td>6</td>
<td>Ratnagiri</td>
</tr>
<tr>
<td>7</td>
<td>Sangameshwar</td>
</tr>
<tr>
<td>8</td>
<td>Lanja</td>
</tr>
<tr>
<td>9</td>
<td>Rajapur</td>
</tr>
<tr>
<td>10</td>
<td>Vaibhavwadi</td>
</tr>
<tr>
<td>11</td>
<td>Kankavali</td>
</tr>
<tr>
<td>12</td>
<td>Devagad</td>
</tr>
<tr>
<td>13</td>
<td>Malvan</td>
</tr>
<tr>
<td>14</td>
<td>Kudal</td>
</tr>
<tr>
<td>15</td>
<td>Vengurla</td>
</tr>
<tr>
<td>16</td>
<td>Sawantwadi</td>
</tr>
<tr>
<td>17</td>
<td>Dodamarg</td>
</tr>
</tbody>
</table>

Fig. 2.2
South Konkan of Maharashtra
Relief

Source: Statistical Dept. Commissionarate of Agriculture, Maharashtra State, Pune

Fig. 2.3
South Konkan of Maharashtra
Annual Rainfall Distribution (in mm)

Source: Statistical Dept. Commissionerate of Agriculture, Maharashtra State, Pune

Fig. 2.6
South Konkan of Maharashtra
Agroclimatic Zones

Index
- **Green**: Very High Rainfall Zone with Lateritic Soil
- **Blue**: Western Ghats Zone

Source: Statistical Dept. Commissionarate of Agriculture, Maharashtra State, Pune

Fig. 2.9
South Konkan of Maharashtra
Major and Medium Irrigation Projects
2006

INDEX

- Natewadi
- Gadnadi
- Arjuna (Karak)
- Jampa (Kajirda)
- Aruna (Akhavane)
- Devghar (Ghonsari)
- Sarandale
- Naradave
- Talamba
- Shirashinge
- Sarambala
- Tliari

Source: District Socio-Economic Review and District Statistical Abstract of Ratnagiri and Sindhudurg Districts.

Fig. 2.10
South Konkan of Maharashtra Roadway and Railway Network

Source: Socio-Economic Review and District Statistical Abstract of Ratnagiri and Sindudurg Districts.

Fig. 3.5
South Konkan of Maharashtra
Location of Cashew Apple Processing Units

Source: Based on field work.

INDEX
- Cashew Apple Processing Unit

Fig. 5.5
India
Cashew Research Centers

Centers
1. Kochchi (Kerala)
2. Mangalore (Karnataka)
3. Ullal (Karnataka)
4. Bapatla (Andhra Pradesh)
5. Daragaon (Assam)
6. Vrindhachalam (Tamilnadu)
7. Puttar (Karnataka)
8. Jagadaipur (Chatisgad)
9. Vengurla (Maharashtra)

Fig. 5.1
South Konkan of Maharashtra
Sampled Villages

Index
Height in meter Zone
> 450 mts A
150 - 450 mts B
0 - 150 mts C

Village Code Number

Source: Statistical Dept. Commissionerate of Agriculture, Maharashtra State, Pune

Fig. 6.1
Cashew with Cashew Apple

Plate 5.1
Cashew Orchard: Vengurla-4

Plate 5.2
Preparation of Land

Plate 5.3
Mulching

Plate 5.4
Fruit Ready for Harvesting

Cashew grower at Lanja

Plate 5.5
Cashew at Local Market

Plate 6.1
Tea Mosquito

Plate 5.6
### South Konkan of Maharashtra

#### General Land Use Pattern (1980-85)

- **Net sown area**, 27.19%
- **Area under forest**, 3.02%
- **Land not available for cultivation**, 28.86%
- **Total fallow land**, 13.75%
- **Other uncultivable land excluding fallow**, 27.18%

#### Net sown area, 27.19%

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### South Konkan of Maharashtra

#### General Land Use Pattern (2000-05)

- **Net sown area**, 31.74%
- **Area under forest**, 3.36%
- **Land not available for cultivation**, 27.42%
- **Total fallow land**, 13.48%
- **Other uncultivable land excluding fallow**, 24.00%

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**Fig. 4.1 A**

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**Fig. 4.1 B**
South Konkan of Maharashtra Soil

INDEX

Laterite Soil
Coastal Alluviums
Salty Soil

Source: Commissionerate of Agriculture, Maharashtra State Pune.

Fig. 2.5
South Konkan of Maharashtra: Growth of Cashew Cultivation (1980-81 to 2004-05)

Fig. 5.2
South Konkan of Maharashtra
Rainy Days

Rainy Days

Fig. 2.7
Fig. 2.8

South Konkan of Maharashtra
Intensity of Rainfall

Rainfall in mm

> 35
25 - 35
< 25

Fig. 2.8
South Konkan of Maharashtra
Density of Population

Fig. 3.2
South Konkan of Maharashtra
Sex Ratio

Fig. 3.3
South Konkan of Maharashtra
Literacy Rate

1981

2001

Fig. 3.4
South Konkan of Maharashtra
Primary Agricultural Co-operative Societies
(2006)

Source: District Socio-Economic Review and District Statistical Abstract of Ratnagiri and Sindudurg District.
Fig. 4.2

South Konkan of Maharashtra

Area Under Forest
2000-05

Changes in Area Under
Forest 1980-85 to 2000-05

% to Geographical Area

R.A. 3.36 %

R.A. 0.34 %

% of Area under forest
Involved in change

Fig. 4.2
South Konkan of Maharashtra

Fig. 4.3
South Konkan of Maharashtra

Other uncultivated land excluding fallow 2000-05

Changes in other uncultivated excluding fallow
1980-85 to 2000-05

% to Geographical Area

% of other uncultivated land excluding fallow involved in change

R.A. 24.00 %

R.A. -3.18 %

Fig. 4.4
Fig. 4.5

South Konkan of Maharashtra

Fallow Land
2000-05

Changes in fallow Land
1980-85 to 2000-05

% to Geographical Area

20
R.A. 13.48 %

10

0
R.A. -0.27 %

% of Fallow Land involved in change

10

5

10
Fig. 4.6

South Konkan of Maharashtra

Net Sown Area
2000-05

Changes in Net Sown Area
1980-85 to 2000-05

% to Geographical Area

R.A. 31.74 %

R.A. 4.55 %

% of Net Sown Area involved in change

Fig. 4.6
South Konkan of Maharashtra

Total Cereals Cropping 2000-05

Changes in Total Cereals Cropping 1980-85 to 2000-05

% to Gross Cropped Area

- 60
- 30

R.A. 45.63%

% of Cropped Area Involved in change

R.A. -14.39%

Fig. 4.10
Fig. 4.11

South Konkan of Maharashtra

Total Food Grains Cropping 2000-05
Changes in Food Grains Cropping 1980-85 to 2000-05

% to Gross Cropped Area

- 60 R.A. 48.61 %
- 30

% of Cropped Area Involved in change

- 0 R.A. -13.85 %
- 12
- 24

N

0 5 10 15 20 25 30 km
South Konkan of Maharashtra

Mango Cropping
2000-05

Changes in Mango Cropping
1980-85 to 2000-05

% to Gross Cropped Area

% of Cropped Area Involved in change

R.A. 8.09 %

R.A. 5.51 %

Fig. 4.13
South Konkan of Maharashtra

Fodder and Miscellaneous Cropping
2000-05

Changes in Fodder and Miscellaneous Cropping
1980-85 to 2000-05

Fig. 4.15

% to Gross Cropped Area
0 15 30 R.A. 26.83 %

% of Cropped Area Involved in change
0 15 30 R.A. 0.36 %
South Konkan of Maharashtra
Volume of Change in Cropping Pattern
1980-85 to 2000-05

Fig. 4.17

% of Cropped Area Involved in Change

R.A. 14.02

30
15
South Konkan of Maharashtra
Cashew Crop Productivity Regions
By Jasbir Singh's Method

Fig. 5.3
South Konkan of Maharashtra
Cashew Crop Productivity Regions
By Majid Husain's Method