### List of Tables

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Title of Table</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Livestock Population in the world during TE2003, TE2006 and TE2009</td>
<td>2</td>
</tr>
<tr>
<td>1.2</td>
<td>Year wise Milk Production in the World during 1990 to 2009</td>
<td>3</td>
</tr>
<tr>
<td>1.3</td>
<td>Production of Cow Milk by Major Countries of the World in TE 2009</td>
<td>5</td>
</tr>
<tr>
<td>1.4</td>
<td>Milk Production of India to Total Milk Production in World</td>
<td>6</td>
</tr>
<tr>
<td>1.5</td>
<td>Livestock Population at all India during 1951-2001</td>
<td>8</td>
</tr>
<tr>
<td>1.6</td>
<td>Annual Compound Growth Rate of Livestock in India</td>
<td>9</td>
</tr>
<tr>
<td>1.7</td>
<td>Category wise Livestock Population their Percentage Chang over Previous Period as in Gujarat</td>
<td>10</td>
</tr>
<tr>
<td>1.8</td>
<td>Breedable Cattle Population their Percentage Chang over Previous period as in Gujarat</td>
<td>11</td>
</tr>
<tr>
<td>1.9</td>
<td>Breedable Buffaloes Population their Percentage Chang over Previous period as in Gujarat</td>
<td>12</td>
</tr>
<tr>
<td>1.10</td>
<td>Annual Compound Growth Rate of Livestock in Gujarat</td>
<td>14</td>
</tr>
<tr>
<td>1.11</td>
<td>District wise Livestock in Gujarat from the Census 1997 Onward</td>
<td>15</td>
</tr>
<tr>
<td>1.12</td>
<td>Year wise area under Fodder Crops in Gujarat</td>
<td>21</td>
</tr>
<tr>
<td>1.13</td>
<td>District wise area under Fodder Crops in Gujarat</td>
<td>23</td>
</tr>
<tr>
<td>1.14</td>
<td>Achievements of Operation Flood Program</td>
<td>27</td>
</tr>
<tr>
<td>1.15</td>
<td>Various Statistics of Vishrampura Milk Cooperative Society</td>
<td>35</td>
</tr>
<tr>
<td>1.16</td>
<td>Annual Compound Growth Rate of Vishrampura Milk Cooperative Society</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.1</td>
<td>Distribution of Sample Respondents According to their Age Groups</td>
<td>103</td>
</tr>
<tr>
<td>4.2</td>
<td>Distribution of Sample Respondents According to their Caste Groups</td>
<td>104</td>
</tr>
<tr>
<td>4.3</td>
<td>Distribution of Sample Respondents According to the Gender Groups</td>
<td>104</td>
</tr>
<tr>
<td>4.4</td>
<td>Distribution of Sample Members According to their Level of Education</td>
<td>105</td>
</tr>
<tr>
<td>Sr. No.</td>
<td>Title of Table</td>
<td>Page No.</td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>4.5</td>
<td>General Profile of the Sample Members</td>
<td>107</td>
</tr>
<tr>
<td>4.6</td>
<td>Gender wise Occupation Pattern of All Sample Respondents (Head and Family Member wise)</td>
<td>109</td>
</tr>
<tr>
<td>4.7</td>
<td>Gender wise Occupation Pattern of LFPR and HFPR by Head and Family Member wise</td>
<td>110</td>
</tr>
<tr>
<td>4.8</td>
<td>Distribution of Livestock Details by LFPA, HFPA and All Animals Across Type of Respondents</td>
<td>113</td>
</tr>
<tr>
<td>4.9</td>
<td>Frequency Distribution of Total Buffaloes and Total Respondents by Average Fat Rate</td>
<td>115</td>
</tr>
<tr>
<td>4.10</td>
<td>Frequency Distribution of Total Buffaloes and LFPR and HFPR Respondents by Average Fat Rate</td>
<td>116</td>
</tr>
<tr>
<td>4.11</td>
<td>Milk Fat Variation in Kharif, Rabi and Summer Seasons</td>
<td>118</td>
</tr>
<tr>
<td>4.12</td>
<td>Distribution of Bonus to Sample Respondents by LFPR, HFPR and All Respondents</td>
<td>119</td>
</tr>
<tr>
<td>4.13</td>
<td>Animals Shed Condition by LFPR, HFPR and All Sample Respondents</td>
<td>120</td>
</tr>
<tr>
<td>4.14</td>
<td>Requirement of Water for Milky Animals</td>
<td>121</td>
</tr>
<tr>
<td>4.15</td>
<td>Respondents Awareness towards Requirement of Water for a Buffalo</td>
<td>122</td>
</tr>
<tr>
<td>4.16</td>
<td>Drinking Water Facility Available for Animals of Sample Respondents</td>
<td>123</td>
</tr>
<tr>
<td>4.17</td>
<td>Distribution of Cultivated Land by LFPR, HFPR and All Respondents</td>
<td>124</td>
</tr>
<tr>
<td>4.18</td>
<td>Cropping Pattern of Sample Members by LFPR, HFPR and All Respondents</td>
<td>125</td>
</tr>
<tr>
<td>4.19</td>
<td>Main Production, By- Production and Yield by LFPR, HFPR and All Respondents</td>
<td>127</td>
</tr>
<tr>
<td>4.20</td>
<td>Disposal Pattern of Main Production and By- Produce by LFPR, HFPR and All Respondents</td>
<td>128</td>
</tr>
<tr>
<td>4.21</td>
<td>Daily Requirement of Feed for Milky Animal</td>
<td>129</td>
</tr>
<tr>
<td>Sr. No.</td>
<td>Title of Table</td>
<td>Page No.</td>
</tr>
<tr>
<td>--------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>4.22</td>
<td>Awareness of Sample Respondents Quantity of Feed Required Per Animal Per Day According to Recommendation on the Expert</td>
<td>130</td>
</tr>
<tr>
<td>4.23</td>
<td>Feeding Practices for Buffalo by LFPR, HFPR and All Respondents</td>
<td>132</td>
</tr>
<tr>
<td>4.24</td>
<td>Frequency Distribution of Sample Respondents Facing Problems of Inadequate Availability of Concentrate Against Requirement by Sample Category</td>
<td>134</td>
</tr>
<tr>
<td>4.25</td>
<td>Frequency Distribution of Sample Respondents by Adoption Year Across LFPR, HFPR and All Respondents</td>
<td>135</td>
</tr>
<tr>
<td>4.26</td>
<td>Performance of Breeding Practices of All Sample Respondents by Ownership of Buffaloes</td>
<td>137</td>
</tr>
<tr>
<td>4.27</td>
<td>Performance of Breeding Practices of LFPR Sample Respondents by Ownership of Buffaloes</td>
<td>140</td>
</tr>
<tr>
<td>4.28</td>
<td>Performance of Breeding Practices of HFPR Sample Respondents by Ownership of Buffaloes</td>
<td>142</td>
</tr>
<tr>
<td>4.29</td>
<td>Adoptions of Fertility by LFPR, HFPR and All Sample Respondents</td>
<td>143</td>
</tr>
<tr>
<td>4.30</td>
<td>Year of Membership in Cooperative Society</td>
<td>146</td>
</tr>
<tr>
<td>4.31</td>
<td>Techniques Acceptable to Sample Farmers Received from the Milk Cooperative Society for Increasing Milk Quantity and Fat</td>
<td>149</td>
</tr>
<tr>
<td>4.32</td>
<td>Frequency Distribution of Sample Farmers Reading Different Type of Literature Related to Livestock Farming</td>
<td>151</td>
</tr>
<tr>
<td>4.33</td>
<td>Participation in Livestock Development Programs Arranged by Vishrampura Gram Panchayat by Sample Respondents</td>
<td>152</td>
</tr>
<tr>
<td>5.1</td>
<td>Distribution of Sample Respondents According to their Age Groups</td>
<td>155</td>
</tr>
<tr>
<td>5.2</td>
<td>Distribution of Sample Respondents According to their Caste Groups</td>
<td>156</td>
</tr>
<tr>
<td>5.3</td>
<td>Distribution of Sample Respondents According to the Gender Groups</td>
<td>156</td>
</tr>
<tr>
<td>5.4</td>
<td>Distribution of Sample Members According to their Level of Education</td>
<td>157</td>
</tr>
<tr>
<td>5.5</td>
<td>General Profile of the Sample Members</td>
<td>159</td>
</tr>
<tr>
<td>Sr. No.</td>
<td>Title of Table</td>
<td>Page No.</td>
</tr>
<tr>
<td>--------</td>
<td>----------------</td>
<td>----------</td>
</tr>
<tr>
<td>5.6</td>
<td>Gender wise Occupation Pattern of All Sample Respondents (Head and Family Member wise)</td>
<td>161</td>
</tr>
<tr>
<td>5.7</td>
<td>Gender wise Occupation Pattern of LFPR and HFPR by Head and Family Member wise</td>
<td>162</td>
</tr>
<tr>
<td>5.8</td>
<td>Gender wise Occupation Pattern of LFPR and HFPR by Head and Family Member wise</td>
<td>165</td>
</tr>
<tr>
<td>5.9</td>
<td>Frequency Distribution of Total Cows and Total Respondents by Average Fat Rate</td>
<td>166</td>
</tr>
<tr>
<td>5.10</td>
<td>Frequency Distribution of Total Cows and LFPR and HFPR Respondents by Average Fat Rate</td>
<td>168</td>
</tr>
<tr>
<td>5.11</td>
<td>Milk Fat Variation in Kharif, Rabi and Summer Seasons</td>
<td>170</td>
</tr>
<tr>
<td>5.12</td>
<td>Information Regarding Bonus to Sample Respondents by LFPR, HFPR &amp; All Respondents</td>
<td>171</td>
</tr>
<tr>
<td>5.13</td>
<td>Animals Shed Condition by LFPR, HFPR and All Sample Respondents</td>
<td>172</td>
</tr>
<tr>
<td>5.14</td>
<td>Requirement of Water for Milky Animals</td>
<td>173</td>
</tr>
<tr>
<td>5.15</td>
<td>Respondents Awareness towards Requirement of Water for a Cow</td>
<td>173</td>
</tr>
<tr>
<td>5.16</td>
<td>Drinking Water Facility Available for Animals of Sample Respondents</td>
<td>174</td>
</tr>
<tr>
<td>5.17</td>
<td>Landholding Pattern by LFPR &amp; HFPR &amp; All Respondents</td>
<td>176</td>
</tr>
<tr>
<td>5.18</td>
<td>Cropping Pattern of Sample Members by LFPR, HFPR and All Respondents</td>
<td>177</td>
</tr>
<tr>
<td>5.19</td>
<td>Main Production, By- Production and Yield by LFPR, HFPR and All Respondents</td>
<td>179</td>
</tr>
<tr>
<td>5.20</td>
<td>Disposal Pattern of Main Production and By- Produce by LFPR, HFPR and All Respondents</td>
<td>180</td>
</tr>
<tr>
<td>5.21</td>
<td>Daily Requirement of Feed for Milky Animal</td>
<td>181</td>
</tr>
<tr>
<td>5.22</td>
<td>Awareness of Sample Respondents Quantity of Feed Required Per Animal Per Day According to Recommendation on the Expert</td>
<td>183</td>
</tr>
<tr>
<td>5.23</td>
<td>Seasons wise Average Feeding Practices for Cow by LFPR and HFPR All Respondents</td>
<td>184</td>
</tr>
<tr>
<td>Sr. No.</td>
<td>Title of Table</td>
<td>Page No.</td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>5.24</td>
<td>Frequency Distribution of Sample Respondents Facing Problems of Inadequate Availability of Concentrate Against Requirement by Sample Category</td>
<td>186</td>
</tr>
<tr>
<td>5.25</td>
<td>Frequency Distribution of Sample Respondents by Adoption Year Across LFPR, HFPR and All Respondents</td>
<td>187</td>
</tr>
<tr>
<td>5.26</td>
<td>Performance of breeding practices of All Sample Respondents by ownership of cow</td>
<td>189</td>
</tr>
<tr>
<td>5.27</td>
<td>Performance of Breeding Practices of LFPR Sample Respondents by Ownership of Cow</td>
<td>191</td>
</tr>
<tr>
<td>5.28</td>
<td>Performance of Breeding Practices of HFPR Sample Respondents by Ownership of Cow</td>
<td>194</td>
</tr>
<tr>
<td>5.29</td>
<td>Adoptions of Fertility by LFPR, HFPR and All Sample Respondents</td>
<td>195</td>
</tr>
<tr>
<td>5.30</td>
<td>Year of Membership in Cooperative Society</td>
<td>198</td>
</tr>
<tr>
<td>5.31</td>
<td>Techniques Acceptable to Sample Farmers Received from the Milk Cooperative Society for Increasing Milk Quantity and Fat</td>
<td>200</td>
</tr>
<tr>
<td>5.32</td>
<td>Frequency Distribution of Sample Farmers Reading Different Type of Literature Related to Livestock Farming</td>
<td>202</td>
</tr>
<tr>
<td>5.33</td>
<td>Participation in Livestock Development Programs Arranged by Vishrampura Gram Panchayat by Sample Respondents</td>
<td>205</td>
</tr>
</tbody>
</table>