Annexure-IX
Questionnaire-III (Farmer)

Q1) For last how many years you have been practicing agriculture?
   a) 10 years 32.4%
   b) 20 years 29.4%
   c) 30 years 23.5%
   d) More than 30 years 11.8%

Q2) How has your landholding changed since you started farming?
   a) Increased 58.8%
   b) Decreased 11.8%
   c) no change 26.5%
   d) any other -

Q3) How have the types of crops being grown changed in last decade?
   a) crop diversity increased 41.2%
   b) crop diversity decreased 32.4%
   c) no change 26.5%
   d) any other -

Q4) Which of the following factors have incurred maximum losses in crops in the past?
   a) unusual weather 58.8%
   b) disease outbreaks 35.3%
   c) pollution-soil and water 2.9%
   d) any other 2.9%

Q5) Which is the most commonly occurring unusual weather condition causing harm to the crop?
   a) Droughts 8.8%
   b) heavy rains 73.5%
   c) fog 14.7%
   d) humidity -

Q6) What kind of biological agents cause max harm to crop?
   a) Insects 70.6%
   b) Fungus 20.6%
   c) Weeds -
   d) rodents, animals and birds 6.1%

Q7) What is water source for irrigating the fields?
   a) river/stream 44.1%
   b) ground water 38.2%
   c) rain-fed 8.8%
   d) any other 5.9%

Q8) What are the most commonly used methods of irrigation?
   a) Flood 47.1%
   b) Drip 8.8%
   c) overhead/ sprinkler 35.3%
   d) any other 5.9%

Q9) What are the kind of fertilizers used?
   a) Manure 20.6%
   b) chemical fertilizers 73.5%
   c) human excreta/ sewage -
   d) biofertilizers 2.9%

Q10) What are different types of pesticides and weedicides used and at what frequency?

Q11) Seeds are procured from
   a) seeds saved from earlier crop 58.8%
   b) bought from Agri univ 14.7%
   c) Local dealer 20.6%
   d) Branded 2.9%

Q12) What is the source of guidance on agriculture related activities like seeds, chemicals, irrigation, soil maintenance?
a) Agriculture universities 17.6%
b) NGOs 41.2%
c) Companies selling their products 17.6%
d) Local traditional knowledge 20.6%

Q13) Maximum expenditure during any planting season is on
   a) Irrigation 2.9%
   b) chemical inputs 58.8%
   c) seeds 14.7%
   d) machinery and tools 21.1%

Q14) Have you ever heard of GM crops or grown GM crops?
   a) Yes 20.6%
   b) No 35.3%
   c) don't know 41.2%

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Statement</th>
<th>Yes (%)</th>
<th>Maybe (%)</th>
<th>No (%)</th>
<th>Don't know (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.</td>
<td>GM crops grow easily and faster than conventional</td>
<td>14.7</td>
<td>5.9</td>
<td>2.9</td>
<td>73.5</td>
</tr>
<tr>
<td>16.</td>
<td>GM crops require less chemicals</td>
<td>14.7</td>
<td>-</td>
<td>8.8</td>
<td>73.5</td>
</tr>
<tr>
<td>17.</td>
<td>GM crops do not have seeds</td>
<td>2.9</td>
<td>-</td>
<td>20.6</td>
<td>73.5</td>
</tr>
<tr>
<td>18.</td>
<td>GM crops are more nutritious</td>
<td>5.9</td>
<td>5.9</td>
<td>2.9</td>
<td>82.4</td>
</tr>
<tr>
<td>19.</td>
<td>GM crops pollute soil</td>
<td>2.9</td>
<td>2.9</td>
<td>11.8</td>
<td>81.8</td>
</tr>
<tr>
<td>20.</td>
<td>GM crops are same as conventional</td>
<td>5.9</td>
<td>2.9</td>
<td>8.8</td>
<td>79.4</td>
</tr>
<tr>
<td>21.</td>
<td>GM crops are harmful to health of man and other organisms</td>
<td>2.9</td>
<td>2.9</td>
<td>9.1</td>
<td>84.8</td>
</tr>
<tr>
<td>22.</td>
<td>A GM crop growing near your field can pollute your crop.</td>
<td>2.9</td>
<td>5.9</td>
<td>5.9</td>
<td>82.4</td>
</tr>
<tr>
<td>23.</td>
<td>GM crops are priced same as conventional</td>
<td>2.9</td>
<td>2.9</td>
<td>14.7</td>
<td>76.5</td>
</tr>
<tr>
<td>24.</td>
<td>Eating GM crops will alter my genes also.</td>
<td>2.9</td>
<td>2.9</td>
<td>8.8</td>
<td>82.4</td>
</tr>
<tr>
<td>25.</td>
<td>Food derived from GM crops is non-veg.</td>
<td>2.9</td>
<td>2.9</td>
<td>8.8</td>
<td>82.4</td>
</tr>
<tr>
<td>26.</td>
<td>GM crops can reduce the agriculture labour problem.</td>
<td>5.9</td>
<td>5.9</td>
<td>8.8</td>
<td>76.5</td>
</tr>
</tbody>
</table>

Q 27) Which of the following have shown max innovation in last decade?
   a) Seeds 58.8%
   b) fertilizers/pesticides 14.7%
   c) irrigation techniques 5.9%
   d) harvesting methods 11.8%

Q28) According to you which is the most important factor for getting good agricultural produce?
   a) seeds used 82.4%
   b) proper irrigation -
   c) timely spray of pesticides 5.9%
   d) fertilizers -

Q29) What is the most important character of seeds used?
   a) high yield variety 88.2%
   b) cheap -
   c) resistant to insects/pests 5.9%
   d) any other 2.9%
Q30) What kind of modification in seed, except high yield, you will like to see in future?
   a) Insect resistant 67.6%
   b) Herbicide tolerant 5.9%
   c) Drought resistant 17.6%
   d) Salt tolerant 2.9%

Q31) In India, is growing GM crops legal?
   a) require permission from government 38.2%
   b) no permission required 26.5%
   c) completely banned -

Q32) Is any GM crop being grown in our country?
   a) Yes 29.4%
   b) No 17.6%
   c) don’t know 50%

Q33) On which aspect you want government to work, so as to improve agriculture produce?
   a) better irrigation facilities 8.8%
   b) better seeds/ GM seeds 55.9%
   c) better chemical inputs 2.9%
   d) any other.______________ 29.4%

Q34) In your opinion, who should have the most power and influence on decisions made about GMO and GM crops in particular?

| a | Scientists | 32.4% |
| b | Experts and scientists working in this field | 17.6% |
| c | Universities, academic institutions | 47.1% |
| d | Politicians, bureaucrats, the state | - |
| e | Multinationals, industry | - |
| f | Food producers/farmers, food retailers/supermarkets | - |
| g | Consumer, environmental, and animal rights organizations | - |
| h | Journalists, the media | - |
| i | Consumers, citizens, the public | - |
| j | Economists | - |

Q35) Given a chance will you grow GM crop?
   a) Yes, I will 26.5%
   b) Maybe, not sure 29.4%
   c) No, I won’t 8.8%
   d) Don’t know 5.9%