Annexure-X
Questionnaire -IV (Legislator)

Q1) Were you earlier aware of the technique of genetic modification of plants?
   a) Yes 12%
   b) Only heard of it but didn’t know what it is. 28%
   c) No, not at all aware. 60%

Q2) Has it ever been a topic of discussion in your area?
   a) Yes, it is discussed when in news 20%
   b) Talked about but of no interest 24%
   c) Never discussed 56%

Q3) How much land is under Agriculture in your constituency?
   92% could not specify
   a) 50,000-1 lakh acres
   b) 1-5 lakh acres
   c) 5-10 lakh acres
   d) more than 10 lakh acres

Q4) Is there any Genetically Modified Crop (GMC) growing in your area?
   a) Yes 32%
   b) No 28%
   c) don’t know 40%

Q5) Is there any GMC growing in the country?
   a) Yes 52%
   b) No 8%
   c) don’t know 40%

Q6) What according to you is the most important factor for getting good agricultural produce?
   a) seeds used 56%
   b) proper irrigation 12%
   c) timely spray of pesticides 8%
   d) fertilizers 8%

Q7) Could GMCs be of some use to our farmers?
   a) yes, they could be very beneficial 88%
   b) it is too early to say anything 12%
   c) no, they are a complete misfit -

Q8) Do we have sufficient R&D in the field of GMCs?
   a) yes, we have extensive research in agri-biotech 4%
   b) we need more research and facilities to be self sufficient 88%
   c) we are completely incompetent. 8%

Q9) What are your views on performance of Bt cotton in India?
   a) it was a success story 36%
   b) it had varied response from different parts of the country 28%
   c) it was a failure. -
   d) don’t know 36%

Q10) Are you aware of the GMC crop pending decision of Gol for its release?
   a) Yes 24%
   b) No 72%

Q11) According to you what was the most likely reason for stopping its release in the country?
   a) Environmental and health concerns 52%
   b) Lack of public confidence 8%
   c) Political move 4%
   d) Don’t know 36%

Q12) What could be the possible health impacts of GMCs?
   a) Allergic reactions 4%
   b) production of toxins 4%
   c) no health effects 44%
   d) Don’t know 48%
Q13) What could be the possible ecological/environmental implications of GMCs?
   a) development of resistant insects and weeds 24%
   b) loss of biodiversity 8%
   c) no impacts 12%
   d) don’t know 48%

Q 14) Say how much you agree or disagree to the following statements (tick appropriate box):

<table>
<thead>
<tr>
<th>S. No</th>
<th>Statement</th>
<th>Strongly agree (%)</th>
<th>Agree (%)</th>
<th>Neither agree / disagree (%)</th>
<th>Disagree (%)</th>
<th>Strongly disagree (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>GM crops are high on risk</td>
<td>-</td>
<td>28</td>
<td>28</td>
<td>44</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>GM crops are unethical/ unnatural</td>
<td>-</td>
<td>48</td>
<td>20</td>
<td>32</td>
<td>-</td>
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<td>C</td>
<td>They are just like conventional food, no difference is there.</td>
<td>-</td>
<td>20</td>
<td>40</td>
<td>40</td>
<td>-</td>
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<tr>
<td>D</td>
<td>When available in market GM food will be more expensive than conventional food.</td>
<td>-</td>
<td>32</td>
<td>20</td>
<td>32</td>
<td>-</td>
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<td>E</td>
<td>GM food can solve the problem of food scarcity and food storage.</td>
<td>-</td>
<td>32</td>
<td>60</td>
<td>8</td>
<td>-</td>
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<tr>
<td>F</td>
<td>GM food derived from GMC is non-veg.</td>
<td>-</td>
<td>24</td>
<td>44</td>
<td>28</td>
<td>-</td>
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<tr>
<td>G</td>
<td>GM crops can be grown on less pesticide and reduce pollution.</td>
<td>-</td>
<td>72</td>
<td>16</td>
<td>12</td>
<td>-</td>
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<tr>
<td>H</td>
<td>GM Crops can help in boosting Indian Economy by increasing agricultural output.</td>
<td>-</td>
<td>80</td>
<td>16</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>I</td>
<td>GM crops once released will be impossible to control i.e. irreversible.</td>
<td>-</td>
<td>48</td>
<td>44</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>J</td>
<td>GM crops have terminator technology and seeds they bear are sterile and cannot be kept for sowing in next season.</td>
<td>-</td>
<td>68</td>
<td>32</td>
<td>-</td>
<td>-</td>
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<tr>
<td>K</td>
<td>Pollen grains of GM crop may reach non-GM crops and pollute them.</td>
<td>-</td>
<td>20</td>
<td>68</td>
<td>8</td>
<td>-</td>
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<tr>
<td>L</td>
<td>GM crops pollute the soil</td>
<td>4</td>
<td>28</td>
<td>52</td>
<td>12</td>
<td>-</td>
</tr>
<tr>
<td>M</td>
<td>GM crops will alter my genes also.</td>
<td>4</td>
<td>44</td>
<td>40</td>
<td>8</td>
<td>-</td>
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</tbody>
</table>

Q15) Any possible benefits of GMCs
   a) increased agricultural production 80%
   b) reduced chemical use 2%
   c) no benefit -
   d) don’t know 4%

Q16) Are you aware of any GM food or imported GM food available in the market?
   a) Yes 8%
   b) No 16%
   c) don’t know 76%

If yes, please name

Q17) According to you on which aspect of GMCs most of the research is being done?
   a) production of new GMCs 84%
   b) risk assessment and management of GMCs -
   c) Biosafety of GMCs -
   d) Don’t know 16%

Q18) According to you relevant area for future government funding should be in
Q19) Do we have ample national institutes working in the area GMC R&D?
   a) Yes 36%
   b) No 36%
   c) don’t know 28%
If yes, please name.
Q20) Is India part of any transnational co-operation efforts on development of GMCs?
   a) Yes 4%
   b) no -
   c) not in my knowledge 96%
Q21) Is there any international law governing trade and commerce in GMCs?
   a) Yes 16%
   b) No 8%
   c) not in my knowledge 70%
if yes, name
Q22) According to you, laws and rules governing GMCs in our country are adequate?
   a) yes, they are adequate 12%
   b) full of lacunae 12%
   c) need to be revised 8%
   d) Don’t know 64%
Q23) Is regulation of GMCs
   a) state subject 20%
   b) centre subject 56%
   c) both 20%
   d) don’t know 4%
Q24) Labeling of GM crops and GM food in India is
   a) mandatory 4%
   b) voluntary 12%
   c) no clear laws on it 64%
   d) don’t know 20%
Q25) Public participation at which level of decision making on GMCs is most necessary?
   a) Development 56%
   b) Risk management 12%
   c) All levels 4%
   d) Don’t know 24%
Q26) What should be the role of NGOs in the issue of GMCs?
   a) Bringing up the issue 52%
   b) Generate awareness 12%
   c) Lead to unwarranted controversy -
   d) Don’t know 12%
Q27) What do you think about patents over GMOs?
   a) Required to protect new inventions and give benefits to the scientists. 12%
   b) Patenting biological resources and traditional knowledge is bio-piracy. 16%
   c) Patents on life must be rejected on ethical reasons. 16%
   d) Don’t know 56%
Q28) In your opinion, who should have the most power and influence on decisions made about GMO and GM crops in particular?

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<tbody>
<tr>
<td>A</td>
<td>Scientists</td>
<td>36%</td>
</tr>
<tr>
<td>B</td>
<td>Experts and scientists working in this field</td>
<td>28%</td>
</tr>
<tr>
<td>C</td>
<td>Universities, academic institutions</td>
<td>-</td>
</tr>
<tr>
<td>D</td>
<td>Politicians, bureaucrats, the state</td>
<td>-</td>
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<tr>
<td>E</td>
<td>Multinationals, industry</td>
<td>-</td>
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<tr>
<td>f</td>
<td>Food producers/farmers, food retailers/supermarkets</td>
<td>48%</td>
</tr>
<tr>
<td>g</td>
<td>Consumer, environmental, and animal rights organizations</td>
<td>-</td>
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<tr>
<td>h</td>
<td>Journalists, the media</td>
<td>-</td>
</tr>
<tr>
<td>i</td>
<td>Consumers, citizens, the public</td>
<td>12%</td>
</tr>
<tr>
<td>J</td>
<td>Economists</td>
<td>-</td>
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