People’s Survey on Spilled GM Rapeseed

No! GMO Campaign
Bonn, May 14, 2008
Import of Rapeseed

Canola (rapeseed of Brassica napus L.)

- **Australia**: 27%
- **Canada**: 73%
- **Others**: 0%

- Self-sufficiency rate of rapeseed: 0.05%
- About 80% of Canadian rapeseed: GMOs
GM Rapeseed from Canada Growing Wild in Japan

- No commercial planting (only a small scale of experiment)
- Spilt GM seeds growing wild at ports, along main roads to oil extraction factories and animal feed factories, and other places.
People’s Survey on Volunteer GM Rapeseed

Points to be Checked
- along the roads where trucks pass through
- Side of the road
- Hedge of a farm
- Under the roadside trees
- median strip
- Be careful about the heavy traffic!

• People’s survey at ports and along main streets
• Every spring from 2005, at more than 4,000 locations
## Results

<table>
<thead>
<tr>
<th>year</th>
<th>Surveyed prefectures (out of 47)</th>
<th>Sample no.</th>
<th>RR positive</th>
<th>LL positive</th>
<th>RR+LL positive</th>
<th>Total positive samples</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>23</td>
<td>1,177</td>
<td>12</td>
<td>2</td>
<td>0</td>
<td>14</td>
</tr>
<tr>
<td>2006</td>
<td>42</td>
<td>1,938</td>
<td>17</td>
<td>12</td>
<td>1</td>
<td>30</td>
</tr>
<tr>
<td>2007</td>
<td>43</td>
<td>1,627</td>
<td>20</td>
<td>17</td>
<td>0</td>
<td>37</td>
</tr>
</tbody>
</table>
This canola has survived for years.
GM canola can survive in Japanese mild winters
People's Survey on Volunteer GM Rapeseed

Be sure to indicate where the sample was taken.

Put water by dropper.

- NON-GM
- GM

> a simple test kit which can detect GM rapeseed within 5 minutes

Two red lines indicate GM positive
Volunteer rapeseed

Take samples

Put a sample into a test tube.

Put test paper into the test tube.

GM positive!
Conclusion

- The spillage of GM canola is continuing to spread
  - commonly seen around ports and oil extraction factories, by transportation route
  - also found around animal feed factories

- Leaf mustard and conventional rapeseed are under the threat of contamination
  - Impacts on other cruciferous vegetables and ecosystem