To

The Director of Agriculture &
Food Production
Government of Odisha
Bhubaneswar– 751001

Sub: Current status of Yellow Mosaic Virus on Green gram and Black gram at Puri, Cuttack and Khorda districts of Odisha state reg.

Sir,

I wish to bring your kind notice that incidence of Yellow Mosaic Virus on Green gram and Black gram crop has been reported at Low to Moderate level in Puri, Cuttack and Khorda districts of Odisha state. Its incidence may further spread in other Green gram and Black gram growing areas of state if favourable weather conditions prevail.

Keeping in view of the severity of the disease, it is advised that the all Green gram and Black gram growing areas of Odisha state may be intensively monitored during Rapid Roving Survey for assessment of incidence of Yellow Mosaic Virus. Therefore, strong linkage among State Agriculture Department, State Agricultural Universities, ICAR Institutions and farmers to implement Integrated Pest Management (IPM) at village level need to be developed.

The following practices of IPM strategies may be followed for management of Yellow Mosaic Virus disease in Green gram and Black gram crops

1. Collect and destroy YMV infested crop debris away from the main field.
2. Choose disease or virus free seeds/resistant varieties in the next crop season.
3. Adopt crop rotation in the next season if YMV infestation seems to be high.
4. Since White fly act as a vector for the spread of YMV, it can be managed by using chemical pesticide for the control of white fly to stop its further spread.
5. A strong and foolproof quality control system for insecticides needs to be enforced.
6. Regular training programme for the extension workers, pesticide dealers and farmers should be organized by the SAUs/ICAR institutes/CIPMCs/ KVKs for up-gradation of their knowledge and skills regarding management of Yellow Mosaic Virus.

7. Pesticide must be used as per label claim approved by the Central Insecticides Board and Registration Committee. Detailed information is available at [http://ppqs.gov.in/divisions/cibre/major-uses-of-pesticides](http://ppqs.gov.in/divisions/cibre/major-uses-of-pesticides) However, list of recommended pesticide for managing White fly on Black gram is attached. *(Annexure-I)*

8. Farmers should be advised through extension functionaries to use only recommended doses of insecticide as per approved label claims by CIB&RC.

9. The IPM package of practices for Green gram and Black gram needs to be promoted. The IPM package of practices for Green gram and Black gram may be downloaded from web-link. [http://ppqs.gov.in/sites/default/files/blackgram_greengram.pdf](http://ppqs.gov.in/sites/default/files/blackgram_greengram.pdf)

In view of the above, it is advised to undertake monitoring of Green gram and Black gram crop on regular basis and if any more infestation of Yellow Mosaic Virus of Green gram and Black gram is reported by the farmers, extension functionaries and even through the newspapers or other sources, survey of the affected area may be conducted immediately and the concerned officials at the Division/District/Block may be advised to take suitable plant protection measures immediately. The detailed status report may be sent to this Directorate through Fax (Nos. 0129-2412125 or 011-23384182) or e-mail: ppa@nic.in or appa.ipm-ppqs@gov.in urgently to appraise Department of Agriculture, Cooperation & Farmers Welfare.

Yours faithfully,

*(Rajesh Malik)*

Plant Protection Adviser

Copy to:

1. Joint Secretary (PP), DAC&FW, Krishi Bhawan, New Delhi.
2. Agriculture Commissioner, Room No. 231, Krishi Bhawan, New Delhi.
3. PS to PPA.
4. Officer I/C of RCIPMC-Kolkata, CIPMC- Bhubaneswar are instructed to keep close watch on the infestation of Yellow Mosaic Virus of Green gram and Black gram and be in touch with the State Agriculture Department for follow up action.
5. IT- Cell for uploading on DPPQ&S, website.
**Annexure-I**

**APPROVED USES OF REGISTERED FUNGICIDES FOR YELLOW MOSAIC VIRUS OF GREEN GRAM AND BLACK GRAM**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Common name of the disease</th>
<th>Dosage / ha</th>
<th>Waiting period from last application to harvest (in days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black gram</td>
<td>White fly</td>
<td>1000</td>
<td>-</td>
</tr>
<tr>
<td>Black gram</td>
<td>White fly</td>
<td>1000</td>
<td>-</td>
</tr>
</tbody>
</table>

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