To

1. The Director of Agriculture,
   Government of Haryana,
   Directorate of Agriculture,
   Krishi Bhawan, Sector-21,
   Panckula-134112

2. The Director of Agriculture,
   Government of Punjab,
   Department of Agriculture
   Kheti Bhawan, Institutional
   Site No. 204
   Phase 6, Mohali, Punjab

3. The Director of Agriculture,
   Directorate of Agriculture,
   Government of Uttar
   Pradesh,
   Madan Mohan Malviya
   Marg,
   Krishi Bhawan, Lucknow-
   226001

4. The Director of Agriculture,
   Directorate of Agriculture,
   Krishi Bhawan, Boileauganj
   Shimla-171005, Himachal
   Pradesh

5. The Director of Agriculture,
   Directorate of Agriculture
   (Uttarakhand)
   Krishi Bhawan,
   Nanda-Ki-Chowki,
   Premnagar,
   Dehradun-248007,
   Uttarakhand.

6. The Director of Agriculture,
   Directorate of Agriculture,
   Agriculture Department,
   Gole Pully, Talab Tillo,
   Jammu 180002

7. Director of Agriculture,
   Department of Agriculture
   Pant Krishi Bhawan,
   Janpah, C-Scheme
   Jaipur-302005, Rajasthan

Date: 28/01/2019
Sub: - Advisory on yellow rust of wheat (*Puccinia striiformis f.sp.tritici*) to major wheat growing areas- reg.

Sir,

I have the honour to bring your kind notice that the incidence of yellow rust in wheat crop has been noticed by CIPMC-Jalandhar during special surveys conducted in the major wheat growing areas of Punjab from 20th to 25th January, 2019.

The crop was found in tillering to panicle initiation stage and the incidence of yellow rust has been found on variety H.D-3086 in ¼ acre area in few patches at Anandpur sahib Block and Chamkour sahib block of Ropar district, Punjab. The disease is still at early stage and recorded only in 2 hot spots.

Due to prevailing favourable weather conditions it may further spread/flare up in other wheat growing areas. Therefore, strong linkage among state agriculture department, State Agriculture Universities, ICAR Institutes and farmers is needed, to implement integrated pest management practices at village level. The following practices of IPM may be followed for management of yellow rust in wheat crop:

1. Collect and destroy infested crop debris.
2. Avoid water logging in the field.
3. Use fertilizers judiciously, farmers may be advised to avoid excess application of Nitrogen fertilizers.
4. Maintain field sanitation.
5. 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 skill regarding management of yellow rust disease.
6. Fungicides must be used as per label claim approved by the Central Insecticides Board and Registration Committee. Detailed information is available at [http://cibrc.nic.in/mup.htm](http://cibrc.nic.in/mup.htm). However, list of recommended fungicides for yellow rust is attached herewith as (Annexure-I)
7. IPM package of practices for Wheat need to be adopted. This may be downloaded from web-link [http://ppqs.gov.in/ipmpakpra_revised.htm](http://ppqs.gov.in/ipmpakpra_revised.htm) or [http://farmer.gov.in/IPMpackageofpractices.htm](http://farmer.gov.in/IPMpackageofpractices.htm).

In view of the above, it is advised that wheat growing areas to be monitored on regular basis and if any further incidence of yellow rust is reported by the farmers, extension functionaries and even through the newspapers or through any 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 the suitable plant protection measures immediately. The detailed information may also 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 apprise the 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, DAC&FW, Room No.231, Krishi Bhawan, New Delhi.
3. PS to PPA
4. Officer I/C of CIPMC- Jalandhar, Faridabad, Lucknow, Solan, Dehradun, Jammu, Sriganganagar& Jaipur
5. IT-Cell for uploading on DPPQ&S, website
### Approved Uses of Registered Fungicides for Yellow Rust of Wheat

<table>
<thead>
<tr>
<th>Crop</th>
<th>Common name of the disease</th>
<th>Dosage / ha</th>
<th>Formulation (gm/ml)</th>
<th>Dilution in Water (Liter)</th>
<th>Waiting Period from last application to harvest (days)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Propiconazole 25% EC</strong></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Wheat</td>
<td>Stripe rust / Yellow Rust (P. striiformis)</td>
<td>125gm</td>
<td>500gm</td>
<td>750</td>
<td>30</td>
</tr>
<tr>
<td><strong>Picoxystrobin 7.05% + Propiconazole 11.7% SC</strong></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Wheat</td>
<td>Yellow Rust (Puccinia striiformis sp. tritici)</td>
<td>200</td>
<td>1000</td>
<td>500</td>
<td>52</td>
</tr>
<tr>
<td><strong>Pyraclostrobin 133g/l + Epoxiconazole 50g/l SE</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Wheat</td>
<td>Yellow Rust</td>
<td>137.25</td>
<td>750</td>
<td>500</td>
<td>47</td>
</tr>
<tr>
<td><strong>Tebuconazole 50% + Trifloxystrobin 25% WG</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wheat</td>
<td>Yellow rust</td>
<td>150+75</td>
<td>300</td>
<td>300-500</td>
<td>0</td>
</tr>
</tbody>
</table>