Plenum®

Product Information

**Active Ingredient:** 50% w/w pymetrozine  
**Formulation:** Water Dispersible Granule

**Water volume:** 200 - 600L/ha  
**Spray quality:** Medium

### Spring Pollen Beetle Control

<table>
<thead>
<tr>
<th>Max individual dose</th>
<th>Max no. of applications</th>
<th>Pre harvest interval (PHI)</th>
<th>Aquatic Buffer Zone</th>
<th>Non target anthropods buffer zone</th>
<th>Non target plant buffer zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.15 kg/ha</td>
<td>1</td>
<td>Yellow bud</td>
<td>Unclassified</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Thresholds are based on the max number of buds each beetle can destroy and the number of excess flowers produced:

- <30 plants/m², the threshold is 25 pollen beetles/plant
- 30-50 plants/m², the threshold is 18 pollen beetles/plant
- >70 plants/m², the threshold is 7 pollen beetles/plant

DO NOT apply to crop plants when in flower or when flowering weeds are present or where bees are actively foraging.

Stage of use: Post-emergence up to GS59

### Autumn Aphid Control

Myzus persicae, the main vector of TuYV, is resistant to pyrethroids. To effectively control the pest and the spread of TuYV in OSR alternative modes of action are required, such as Plenum®. Plenum® inhibits the aphid’s ability to feed, starving the aphid and stopping their potential to spread viruses.

Plenum® can only be used once per target pest. Autumn aphid control; Winter OSR only 0.3 kg/ha up to GS30. Apply Plenum® as soon as aphids are present in the crop.

<table>
<thead>
<tr>
<th>Max individual dose</th>
<th>Max no. of applications</th>
<th>Aquatic Buffer Zone</th>
<th>Non target anthropods buffer zone</th>
<th>Non target plant buffer zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3 kg/ha</td>
<td>1</td>
<td>Unclassified</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

- TuYV infection can cause yield losses of up to 30% in the UK with losses of 10–15% being more typical
- With increasing aphid resistance to pyrethroids the choice of suitable sprays is limited
- There is no known resistance to Plenum® from any species of aphid

Stage of use: Post-emergence up to GS30

### Spring Pollen Beetle Control

- Plenum® 0.15kg/ha BBCH 51-59

### Autumn Aphid Control

- Plenum® 0.3kg/ha BBCH 12-30

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Use plant protection products safely. Always read the label and product information before use.

For further product information, including warning phrases and symbols, refer to www.adama.com/uk or call The Technical Helpline on 01635 876 622.

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