DuPont™ Vertisan® fungicide is an advanced fungicide that controls diseases in pulse crops, sunflowers and many other field crops. With a next-generation Group 7 mode of action, Vertisan® provides potent disease control in your crops and locks tightly to the site of action.

**Potent and unique fungicide to stop disease in its tracks**
- A complete solution with unique properties for powerful disease protection
- Valuable resistance-management tool: Group 7, next-generation SDHI

**Powerful tool for disease control**
- Advanced technology for Ascochyta blight, Botrytis, Sclerotinia diseases and rust protection

<table>
<thead>
<tr>
<th>Sunflowers</th>
<th>Rust, alternaria leaf spot, Sclerotinia stem rot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canola*</td>
<td>Alternaria blackspot, Sclerotinia stem rot</td>
</tr>
<tr>
<td>Pulse crops*</td>
<td>Ascochyta and Botrytis</td>
</tr>
<tr>
<td>Potatoes*</td>
<td>Alternaria blight and brown spot, Botrytis, black dot, white mold (suppression)</td>
</tr>
</tbody>
</table>

*Not for use in California or New York.

**Excellent plant protection**
- Balanced fungicide with residual, preventive and postinfection activity
- Translaminar and locally systemic protection within treated tissues
- Excellent rainfastness
- Powerful and consistent field performance

Source: DuPont Canada field trial, Hanley Research Station, Saskatoon, 2008.
Product specification
- Emulsifiable-concentrate formulation: 1.67 lb/gal
- One (1) case = 2 x 2.5-gal jugs

Optimized formulation
- Excellent crop safety
- Easy use and tank-mix compatibility

Water volumes
- Ground: 15 gal/A (conventional), 10 gal/A (air-assisted)
- Aerial: 2 gal/A

Application information
Sunflowers: Begin applications prior to disease development (early flower at R5.1 to R5.2) and continue on a 7- to 14-day interval. This strategy can increase sunflower yields up to 75%. Use higher rate and shorter interval when disease pressure is high.

Pulse crops and potatoes: Begin applications prior to disease development and continue on a 7- to 14-day interval. Use higher rate and shorter interval when disease pressure is high.

Canola: Time application at 20% to 50% bloom (20% to 30% is ideal timing) prior to disease development. If a second fungicide application is required, switch to a fungicide with a different mode of action.

Easy to use
DuPont™ Vertisan® fungicide comes in a 1.67 lb/gal emulsifiable-concentrate formulation. Each case contains two 2.5-gal jugs.

Sunflowers: 14 acres/jug at 1.5 pt/A; 16 acres/jug at 20 fl oz/A
Canola: 20 acres/jug at 1 pt/A
Pulse crops: 22 acres/jug at 14 fl oz/A
Potatoes: 22 acres/jug at 14 fl oz/A

The low-volume rate for aerial application means more acres treated per planeload.

Vertisan® is more powerful and effective than current products for sclerotinia stem rot control.

Canola yields

<table>
<thead>
<tr>
<th>Yield % versus untreated check</th>
<th>All trials N=10</th>
<th>Heavy sclerotinia pressure N=4</th>
</tr>
</thead>
<tbody>
<tr>
<td>DuPont Vertisan®</td>
<td>110</td>
<td>120</td>
</tr>
<tr>
<td>Proline</td>
<td>105</td>
<td>115</td>
</tr>
<tr>
<td>Lance</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

Source: 10 replicated research trials conducted by DuPont Canada between 2005–2008

DuPont™ Vertisan® sunflower yield response

<table>
<thead>
<tr>
<th>Yield (kg/ha)</th>
<th>Untreated</th>
<th>Early</th>
<th>Early + late</th>
<th>Late</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early</td>
<td>3,500</td>
<td>3,300</td>
<td>3,100</td>
<td>3,000</td>
</tr>
<tr>
<td>Early and Late</td>
<td>3,400</td>
<td>3,200</td>
<td>3,000</td>
<td>2,900</td>
</tr>
<tr>
<td>Late</td>
<td>3,300</td>
<td>3,100</td>
<td>3,000</td>
<td>2,900</td>
</tr>
</tbody>
</table>

Best results were obtained with 2 applications of Vertisan®.
Rate of application: Vertisan® applied at 24 fl oz/A.
Source: Dr. Khalid Rashid, Agriculture and Agri-Food Canada, Morden, Manitoba (2 trials).

For more information
Contact your local DuPont retailer or representative to learn more about Vertisan® fungicide. And visit us at vertisan.dupont.com.