More growers and consultants trust DiPel® than any other Bt insecticide.
Growers and consultants have made DiPel the leading Bt insecticide brand in the world for control of Lepidoptera for several reasons.

**Trust DiPel**

**BETTER FOR PERFORMANCE** The key to leadership, of course, is product performance. With Bt insecticides two critical factors affecting insect control are the potency of the strain and how well it is produced. (Effective application is important as well.)

The potent kurstaki strain found in DiPel produces five toxins at comparatively high levels. Other Bt products don’t have the mix or amount of Bt toxins as DiPel.

In addition, DiPel is produced with exacting quality standards identical to those used in making human pharmaceuticals. And we don’t simply rely on stringent process control to ensure performance. We test every production lot to make sure it meets or performance standards you expect in the field.

**BETTER FOR RESISTANCE MANAGEMENT** DiPel features a balanced blend of five toxins and a spore with distinct modes of action. That makes DiPel ideal for resistance management. In fact, time and time again, growers have turned to DiPel as Lepidopteran pests developed resistance to new insecticide technologies.
DiPel has higher and more varied Bt toxin levels than competitive brands, which translates to superior performance in the field and excellent resistance management.

**BETTER FORMULATION OPTIONS**

Valent BioSciences, the maker of DiPel, realizes that one formulation doesn’t fit every crop and production situation. That’s why DiPel features the broadest range of formulation options of any Bt brand. What’s more, these formulations are designed for maximum shelf life, as well as better mixing and application.

### CRY 1A AND CRY 2A Bt TOXIN LEVELS

<table>
<thead>
<tr>
<th></th>
<th>Total mg</th>
<th>1Aa</th>
<th>1Ab</th>
<th>1Ac</th>
<th>2Aa/2Ab</th>
</tr>
</thead>
<tbody>
<tr>
<td>DiPel</td>
<td>60.6</td>
<td>9.3</td>
<td>23.9</td>
<td>14.0</td>
<td>13.4</td>
</tr>
<tr>
<td>Javelin*</td>
<td>34.2</td>
<td>3.2</td>
<td>19.5</td>
<td>4.6</td>
<td>6.9</td>
</tr>
<tr>
<td>Agree*</td>
<td>15.1</td>
<td>4.5</td>
<td>-</td>
<td>-</td>
<td>10.6</td>
</tr>
</tbody>
</table>

**Additional Benefits**

1. Overall value – better performance of your insecticide program at the same or less cost
2. Flexibility – shortest worker re-entry and pre-harvest intervals (PHIs) allowed by law
3. Preservation of beneficial insects – no flaring of secondary pests
4. Marketing confidence – no residue issues when you apply DiPel

**Trust DiPel throughout the Season**

**Early Season**

Start with DiPel. Add it to a tank-mix to improve insect control. Or use as an economical alternative to other soft insecticides to preserve beneficials and to avoid flaring secondary pests.

**Mid-Season**

Maximize during the middle. Use DiPel mid-season to improve performance and reduce the risk of resistance due to DiPel’s multiple modes of action.

**Late Season**

Finish with flexibility. Use DiPel late season and enjoy the shortest re-entry and pre-harvest intervals allowed by law. Then market with confidence, knowing you won’t face residue issues with DiPel use.
DiPel Controls Lepidopteran Pests

DiPel provides effective control when used alone, in rotation or in a tank-mix.

Stand-Alone Control
Cabbage Loopers – Broccoli

Percent Mortality (4 DAT)

Improving Performance in a Tank-Mix
Vegetable Worm Control

Number of Small Larvae/10 Plants

Improving Performance in Rotation
Leafroller Control – Apples

Percent Control

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Success is a registered trademark of Dow AgroSciences. Javelin and Agree are registered trademarks of Certis USA.