The Best Choice for Corn

Quilt Xcel™ is an elite systemic fungicide containing the Power of Two™ active ingredients providing both curative and longer-lasting preventive disease control and Plant Performance™ to maximize yield and quality. This powerful formulation supplies broad-spectrum control of the diseases that impact yield and helps maximize harvest efficiency and improve yields through greener plants, improved stalk quality, bigger ears, more kernels and complete ear fill. Demand the best: Quilt Xcel.

Increased Plant Performance through Better Stability and Systemic Activity

In the chart below, it’s clear azoxystrobin, the active ingredient in Quilt Xcel, outperforms the strobilurin active ingredient in Headline AMP™ and Stratego® YLD fungicides in terms of mobility throughout the leaf. The ability of the active ingredient to spread throughout the leaf helps ensure protection from disease pressure.

<table>
<thead>
<tr>
<th></th>
<th>Azoxystrobin e.g. Quilt Xcel</th>
<th>Pyraclostrobin e.g. Headline AMP</th>
<th>Trifloxystrobin e.g. Stratego YLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uptake into leaf*</td>
<td>Low</td>
<td>Very low</td>
<td>Very low</td>
</tr>
<tr>
<td>Metabolic stability within leaf*</td>
<td>Yes</td>
<td>Yes</td>
<td>Low</td>
</tr>
<tr>
<td>Translaminar movement*</td>
<td>Yes</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Xylem systemic*</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Stability in light (T50 hours)**</td>
<td>249</td>
<td>8</td>
<td>18</td>
</tr>
</tbody>
</table>

** Syngenta internal data.

Why Quilt Xcel?

Delivers longer-lasting, broad-spectrum control of yield-robbing corn diseases.

- Provides powerful curative and longer-lasting preventive disease control with the Power of Two.
- Moves through the leaf providing uniform coverage, even to new growth.
- Offers built-in resistance management with two modes of action.

Optimizes Plant Performance activity for increased quality and boosts yield an average of 15-20 bu/A.

- Plant Performance benefits include improved plant vigor, yield and quality through beneficial impacts on plant physiology including:
  - Photosynthesis
  - Nitrogen utilization
  - Water use efficiency
  - Extended grain fill achieved through preserved green leaf area

Demand the best: Quilt Xcel.
Out-yielding the Rest

This data chart demonstrates how Quilt Xcel out-yields the competition through the Power of Two systemic active ingredients.

![Yield Chart](image)

Bars followed by the same letter are not statistically different at \( \alpha = 0.10 \).

Average of 11 internal replicated Syngenta trials. Treatments were applied to corn at R1 (FAZ004-2010).

In addition to increased yield, Quilt Xcel also helps produce stronger stalks and longer stand leading to an easier harvest and less potential for stalk breakage or ear fall that results in volunteer corn the following season.

The applications were made at R1 by ground of Quilt Xcel at 10.5 oz per acre vs. 6.0 oz per acre of Headline fungicide against an untreated check.

This chart outlines the percentage of strobilurin and triazole that is found in Quilt Xcel, Headline AMP and Stratego YLD fungicides.

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate</th>
<th>% of Full Strobilurin Rate</th>
<th>% of Full Triazole Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quilt Xcel</td>
<td>10.5 fl oz</td>
<td>100% of Quadris®</td>
<td>74% of Tilt®</td>
</tr>
<tr>
<td>Headline AMP</td>
<td>10 fl oz</td>
<td>97% of Headline®</td>
<td>44% of Caramba™</td>
</tr>
<tr>
<td>Stratego YLD</td>
<td>4 fl oz</td>
<td>100% of Gem®</td>
<td>21% of Proline®</td>
</tr>
</tbody>
</table>

Fungicides should be used at full rates to:
- Provide the expected Plant Performance benefits
- Deliver long-lasting residual control of diseases
- Prevent development of disease resistance