



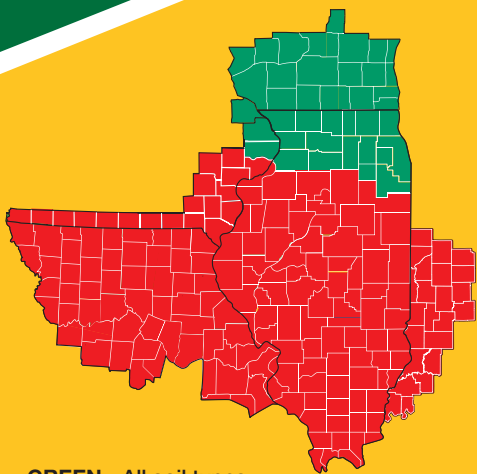
# 4431GTV New

Brand



## Hughes — experience matters

The Hughes brand represents over 75 years of seed and farming experience in northern Illinois. The Hughes family are sixth-generation family farmers who specialize on high-performance seed products crafted for your farm. Their interplanted seed production system and irrigated acres ensure high quality and reliable supply. When you plant Hughes, Burrus, and Hoblit you get more than just a name, you get real people behind the brand.



**GREEN** - All soil types  
**YELLOW** - Product may not be appropriate for all environments - Place on more productive soils  
**RED** - Not recommended

### General Characteristics

Relative days to maturity: 104  
 Plant height: 8  
 Ear height: 7  
 Ear type: Fixed  
 Drought tolerance: 8  
 Greensnap tolerance: 4

### Planting Information Rates

Adapt to no-till: 9	
Speed of emergence: 8	
High organic soils: 10	34 – 38
Timber soils: 8	31 – 35
Clay & varied soils: 8	31 – 35
Wet soils: 7	
Sand (dryland): 7	26 – 30
Sand (irrigated): 7	34 – 38

### Refuge Requirements

4431GTV Brand

20% refuge needed

### Strengths and Weaknesses

Plant growth regulator sensitivity: NA  
 General stay green: 7  
 No. leaf blight tolerance: 9  
 So. leaf blight tolerance: 7  
 Anthracnose tolerance: NA  
 Gray leaf spot tolerance: 6  
 Diplodia ear rot tolerance: NA

### Harvest Information

Grain quality: 8  
 Test weight: 7  
 Growing Degree days to Silk: 1300  
 Growing Degree Days to 30%: NA  
 Growing Degree Days to 20%: NA  
 Dry down rate: 8  
 Ear retention: 8  
 High tonnage silage: 8  
 Harvest residue: NA

## New 4431GTV

BRAND

104 Day Maturity

Herbicide Choice														
GLYPHOSATE	CONV.													
 Agrisure Viptera <sup>SM</sup>	 Agrisure Viptera <sup>SM</sup>	 Agrisure Viptera <sup>SM</sup>												
		<table border="1"> <tr> <td>Drought Tolerance</td> <td>8</td> </tr> <tr> <td>Stalk Strength</td> <td>9</td> </tr> <tr> <td>Root Strength</td> <td>7</td> </tr> <tr> <td>Dry Down</td> <td>8</td> </tr> <tr> <td>Early Vigor</td> <td>9</td> </tr> <tr> <td>Fall Appearance</td> <td>9</td> </tr> </table>	Drought Tolerance	8	Stalk Strength	9	Root Strength	7	Dry Down	8	Early Vigor	9	Fall Appearance	9
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		<ul style="list-style-type: none"> <li>• New Agrisure Viptera Technology with broad lepidopteran control</li> <li>• Showy, attractive hybrid</li> <li>• Good husk flare</li> <li>• Nice grain finish</li> <li>• Good late season intactness</li> </ul>												
<b>Planting Application Choices</b>														
	Excellent	Good	Suitable	Not Advised										
No-Till	●													
Corn/Corn		●												
Early Planting	●													
Population	Group A	Group B		Group C										

Call the Hughes Office at **1 800 THE CORN**  
**1 800 843 2676**