



- ✓ MEDIUM MATURITY
- ✓ EXCELLENT YIELD POTENTIAL
- ✓ VERTICILLIUM WILT TOLERANCE

### PRODUCT DESCRIPTION

**NG 4689 B2XF** – A medium-maturing variety offering excellent yield potential, excellent fiber quality, and Verticillium wilt and bacterial blight tolerance. Similar in maturity (or slightly earlier) and plant structure to **NG 4545 B2XF**, **NG 4689 B2XF** also offers a superb disease package with additional yield and fiber characteristics that perform well in the medium maturity range.



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B.t. products may not yet be registered in all states. Check with your representative for the registration status in your state.

**ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING. IT IS A VIOLATION OF FEDERAL AND STATE LAW** to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with cotton with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with cotton with XtendFlex® Technology. Cotton with XtendFlex® Technology contains genes that confer tolerance to glyphosate, dicamba and glufosinate. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your Monsanto dealer or refer to Monsanto's Technology Use Guide for recommended weed control programs.

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Before opening a bag of seed, be sure to read, understand, and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Monsanto Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.



### CHARACTERISTICS

#### PRODUCT

Maturity Medium  
 Value Added Trait Bollgard II® XtendFlex®  
 Insect Resistance Management

#### GROWTH

Storm Tolerance  
 0 6 9  
 Very Loose Very Storm Tolerant

Leaf Hair Smooth

Seeding Vigor  
 0 8 9  
 Very Poor Excellent

Plant Height Tall

Node of first fruiting branch (avg) 6.5

#### FIBER QUALITY

Turnout (%) 34 - 38

Length (Staple) 36 - 37

Strength 32 - 33

Micronaire 4.4 - 4.8

Uniformity (%) 81 - 82

#### DISEASE TOLERANCE

Fusarium Wilt ND  
 0 9  
 Very Susceptible Very Tolerant

Verticillium Wilt  
 0 8 9  
 Very Susceptible Very Tolerant

Bacterial Blight  
 0 9  
 Very Susceptible Very Tolerant