

NG 4545 B2XF




Product Description

- Medium Maturity
- Excellent Yield Potential
- Excellent Fiber Package
- **Verticillium Wilt Tolerance**

NG 4545 B2XF is widely adapted to the South Plains and Rolling Plains of Texas, and Southwestern Oklahoma. Performs well on both irrigated and dryland acres.

Characteristics

Product	NexGen®
Type	Medium
Maturity	B2XF
Value-Added Trait	B2XF
Insect Resistance Management	
Growth	
Storm Tolerance	6
Leaf Hair	S
Seedling Vigor	8
Plant Height	T
Node of First Fruiting Branch (avg)	6.5
Fiber Quality	
Turnout (%)	32 - 36
Length (Staple)	36 - 37
Strength	32 - 33
Micronaire	4.0 - 4.7
Uniformity (%)	80 - 81
Disease Tolerance	
Fusarium Wilt	ND
Verticillium Wilt	8
Bacterial Blight	9

LEGEND

Value-Added Trait

B2XF : Bollgard II® Xtendflex™ Cotton

Stewardship



: Insect Resistance Management Required

Storm Tolerance Rating Scale

9 : Very Storm Tolerant
0 : Very Loose
* : Limited Data

Leaf Hair

H : Hairy
S : Smooth
S-S : Semi-Smooth

Seedling Vigor Rating Scale

9 : Excellent
0 : Very Poor

Plant Height

S : Short
M : Medium
T : Tall

Disease Tolerance Rating Scale

9 : Immune
0 : Very Susceptible
ND : No Data

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. As of January 30, 2015, this product has been approved for import in Australia, Mexico, Japan and Canada. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals.

As of November 1st, 2015 no dicamba herbicide product has been approved for commercial in-crop use with Bollgard II® XtendFlex® Cotton. If a federal dicamba label is not imminent or has not been approved for commercial in-crop use by June 1st, 2016, the Bollgard II XtendFlex Cotton technology fee will be adjusted and republished to be the same as Genuity® Bollgard II® with Roundup Ready® Flex cotton.

DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO Bollgard II XtendFlex Cotton in 2016 unless a dicamba herbicide product is approved that is specifically labeled for that use in the location where you intend to make the 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 Bollgard II XtendFlex Cotton.

IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON BOLLGARD II XTENDFLEX COTTON UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THAT USE.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Bollgard II® XtendFlex® cotton and XtendFlex® cotton contains genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides, dicamba, the active ingredient in M1691, and glufosinate, the active ingredient in Liberty® brand herbicides. Roundup® brand agricultural herbicides 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 Roundup Ready® Xtend Crop System weed control programs. Bollgard II®, Genuity Design®, Genuity Icons, Genuity®, Respect the Refuge and Cotton Design®, Roundup Ready® and Roundup® are trademarks of Monsanto Technology LLC. LibertyLink® and the Water Droplet Design® is a registered trademark of Bayer. Americot® and NexGen® are registered trademarks of Americot, Inc.