

HYBRID NUMBER
6416
107 days



GENETIC FAMILY **FIELD GXF**

PLANT CHARACTERISTICS

GDUs to Mid-Pollen 1379
GDUs to Black Layer 2720
Plant Height **Medium Tall**
Leaf Orientation **Semi Upright**
Ear Height **Medium High**
Ear Flex **Semi-Flexible**
Kernel Texture **Medium Hard**
Harvest Timing **Normal**
Foliar Fungicide Response **High**



PLANTING POPULATION PER YIELD ENVIRONMENT

Row Type	Low	Medium	High
30"	30-32,000	32-34,000	35-37,000
Narrow	32-34,000	34-36,000	36-38,000

NITROGEN UTILIZATION



STRENGTHS

Outstanding yield potential in high management environments
Dependable stalk and root strength
Very nice fall appearance and plant intactness

WEAKNESSES

Limited movement south of primary area of adaptation

MANAGEMENT TIPS

Position on highly productive soils
Utilize in any cropping or tillage systems
Keep in primary area of adaptation for best performance

CORN AFTER CORN TIPS

Responds favorably to foliar applied fungicide in high disease environments

AGRONOMIC RATING

TEST WEIGHT	08
EMERGENCE	08
DROUGHT TOLERANCE	07
DRY DOWN	08
ROOT STRENGTH	09
STALK STRENGTH	07

SOIL ADAPTABILITY

CLAY	07
CLAY LOAM	08
SILTY CLAY LOAM	10
SILT LOAM	10
SANDY LOAM	07
SAND	06

PLANTING APPLICATIONS

SILAGE	09
IRRIGATION	09
NARROW ROWS	09
CORN ON CORN	09
NO-TILL	08
POORLY DRAINED	07

LEAF TOLERANCE

ANTHRACNOSE	07
SCLB	08
NCLB	07
GRAY LEAF SPOT	07
GOSS'S WILT	07
RUST	08

FIELD GX F



Prefers split applications of nitrogen
Excellent test weight & grain quality
Adapts to wide range of soil types
Generally fixed to semiflexible ear types
Higher populations required for maximum yields



TRAITS ADDED	TARGET AREA	SMARTSTAX® RIB COMPLETE*	VT TRIPLE PRO® RIB COMPLETE*	AGRISURE VIPTERA® 3111	VT DOUBLE PRO® RIB COMPLETE*
REFUGE - CORN BELT	REFUGE	5% RIB	10% RIB	20%	5% RIB
HERBICIDE TOLERANCE	HERBICIDE TOLERANCE	Roundup Ready® LibertyLink®	Roundup Ready®	Glyphosate Tolerant LibertyLink®	Roundup Ready®
CORN EARWORM (Heliothis zea)	ABOVE GROUND	••	••	•	••
WESTERN BEAN CUTWORM (Rhopalosiphum padi)		•			
EUROPEAN CORN BORER (Ostrinia nubilalis)		•••	••	•	••
SOUTHWESTERN CORN BORER (Diatraea grandiosella)		•••	••	••	••
FALL ARMYWORM (Spodoptera frugiperda)		•••	••	••	••
BLACK CUTWORM (Agrotis ipsilon)		•		•	
NORTHERN CORN ROOTWORM (Diabrotica barberi)	BELOW GROUND	••		•	
WESTERN CORN ROOTWORM (Diabrotica virgifera virgifera)		••	•	•	
MEXICAN CORN ROOTWORM (Diabrotica virgifera zeae)		••	•	•	

Mode of Action (MOA) = Control of Pest
● Single mode-activity ●● Dual mode-activity ●●● Triple mode-activity

Comments:

- 107 day Frito
- Not advised for long term corn on corn.
- Can follow corn, but not years of corn.
- Outstanding yield, if managed right.
- Put on capable silt if possible.
- Irrigation is a must.
- Watch for disease.
- If attentive, strong 107 food corn option.

