

Tidewater Ag. Res. & Ext. Ctr.

Roundup Ready Flex / Liberty Link Cotton Trial

Trial ID: FLEX.LL05
 Protocol ID:
 Location: Wynne Farm F63

Study Director:
 Crop: Cotton
 Investigator: Dr. Joel C. Faircloth

Part Rated	STAND	VIGOR	LINT	FIBER	FIBER	FIBER	FIBER
Rating Data Type	10 FT/RW	1-5	YIELD	QUALITY	QUALITY	QUALITY	QUALITY
Rating Unit			LB/A	MIKE	LEN.	STR.	UNI.
Rating Date	26-May-2005	31-May-2005	03-Nov-2005	27-Dec-2005	27-Dec-2005	27-Dec-2005	27-Dec-2005

Entry Entry

No.	Name							
1	DP 108 RF	23.5 d-h	4.0 a	1586.4 a	3.7 gh	1.18 c-g	30.9 e-h	83.6 a
2	DP 110 RF	24.4 d-g	3.8 abc	1638.3 a	4.0 c-g	1.17 e-h	33.9 ab	83.7 a
3	DP 117 B2RF	27.4 bcd	4.0 a	1498.9 a	3.8 e-h	1.20 b-e	31.4 d-g	83.3 a
4	PHY 415 RF	26.1 cde	3.9 ab	1740.3 a	4.3 ab	1.13 i	29.3 h-k	83.7 a
5	PHY 475 WRF	29.3 abc	3.3 fg	1453.0 a	3.9 d-h	1.13 i	29.7 h-k	83.5 a
6	PHY 485 WRF	27.0 bcd	3.4 def	1610.4 a	4.3 abc	1.17 d-h	30.6 f-i	84.2 a
7	ST 4664 RF	24.1 d-g	3.6 cde	1609.6 a	4.0 d-h	1.16 fgh	29.7 h-k	83.6 a
8	ST 4357 B2RF	30.9 ab	3.4 def	1725.1 a	3.8 e-h	1.22 ab	29.2 ijk	84.2 a
9	ST 4554 B2RF	22.4 e-h	3.6 cde	1663.1 a	4.2 a-d	1.17 e-h	29.9 g-j	83.6 a
10	VCX 601	27.9 bcd	3.1 g	1719.4 a	3.9 e-h	1.16 ghi	28.3 jk	83.7 a
11	VCX 611	29.4 abc	3.2 fg	1587.2 a	3.7 h	1.17 e-h	28.0 k	83.4 a
12	VCX 612	33.1 a	3.3 fg	1631.3 a	4.1 a-f	1.20 bc	28.1 k	83.6 a
13	DynaGro 2100 B2RF	27.9 bcd	3.4 def	1645.8 a	3.9 d-h	1.15 ghi	28.3 jk	83.3 a
14	DynaGro 2520 B2RF	29.1 abc	3.4 efg	1735.1 a	3.8 fgh	1.24 a	28.3 jk	83.5 a
15	BCG-3255	25.1 c-f	3.7 bcd	1566.0 a	3.7 h	1.17 e-h	28.1 k	83.5 a
16	FM 958 LL	25.3 c-f	3.8 abc	1611.0 a	4.0 c-g	1.21 b	31.7 c-f	82.9 a
17	FM 966 LL	19.9 gh	3.6 cde	1572.9 a	3.9 e-h	1.15 hi	35.3 a	84.1 a
18	FMX0052B2LL	19.5 h	3.8 abc	1681.5 a	4.4 a	1.19 b-f	32.4 b-e	83.7 a
19	FMX0222B2LL	20.8 fgh	3.9 abc	1627.8 a	4.1 a-e	1.20 b-e	33.3 bc	83.5 a
20	FMX1003B2LL	21.9 e-h	3.7 bcd	1657.5 a	3.8 fgh	1.20 bcd	32.8 bcd	83.2 a
21	FMX9166B2LL	31.4 ab	3.8 abc	1557.6 a	4.1 b-f	1.15 hi	33.7 ab	83.2 a
LSD (P=.05)		4.51	0.25	179.85	0.32	0.030	1.66	0.98
Standard Deviation		3.19	0.18	127.17	0.22	0.021	1.17	0.69
CV		12.25	4.92	7.83	5.62	1.78	3.83	0.83
Grand Mean		26.01	3.61	1624.67	3.96	1.18	30.6	83.56

Means followed by same letter do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Crop Description

Crop 1: GOSHI *Gossypium hirsutum* Cotton, American upland
 Variety: 21 varieties Description: 16 FLEX, 5 LL
 BBCH Scale: BCOT Planting Date: 11-May-2005

Site and Design

Plot Width, Unit: 12 FT
 Plot Length, Unit: 40 FT
 Replications: 4 Study Design: Split-Block

Trial Initiation Comments:

Maintenance

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Form Rate	Rate Unit
1.	18-Apr-2005	9-15-36				330	LB/A
2.	18-Apr-2005	Glyphomax Plus	4		SL	1	QT/A
3.	11-May-2005	Prowl H2O	3.8		EC	1.5	PT/A
4.	11-May-2005	Cotoran	4		L	1	QT/A
5.	24-May-2005	(trts.1-15) MON 3539	4.5		SL	0.75	LB AE/A
6.	24-May-2005	(trts.16-21) Ignite	1.67		EC	1	QT/A
7.	26-May-2005	Orthene	97		WG	6	OZ/A
8.	20-Jun-2005	Nitrogen 30%			L	30	UNITS/A
9.	20-Jun-2005	Boron			L	1	QT/A
10.	06-Jul-2005	Nitrogen 30%			L	30	UNITS/A
11.	06-Jul-2005	Boron			L	1	QT/A
12.	07-Jul-2005	MON 3539	4.5		SL	22	OZ/A
13.	07-Jul-2005	Ignite	1.67		EC	32	OZ/A
14.	13-Jul-2005	Pix Plus	0.35		SL	8	OZ/A
15.	18-Jul-2005	Caparol	4		L	1.5	PT/A
16.	18-Jul-2005	MSMA	6		EC	1	QT/A
17.	18-Jul-2005	Envoke	75		WG	0.15	OZ/A
18.	18-Jul-2005	Induce			L	1	PT/100 GAL
19.	21-Jul-2005	Pix Plus	0.35		SL	12	OZ/A
20.	21-Jul-2005	Induce			L	1	PT/100 GAL
21.	08-Aug-2005	Baythroid	2		EC	2	OZ/A
22.	15-Aug-2005	Baythroid	2		EC	4	OZ/A
23.	03-Oct-2005	Finish 6 Pro	6		EC	1	QT/A
24.	03-Oct-2005	Def	6		EC	6	OZ/A
25.	03-Oct-2005	Dropp SC	4		SC	1.6	OZ/A

Field Prep./Maintenance: