SUGARCANE GROWTH MEASUREMENT DATA
USDA-ARS, SRRC, SUGARCANE RESEARCH UNIT
ARDOYNE FARM, HOUMA, LOUISIANA

Growth Measurement No. 23

Growth from 9/4 '02 to 9/10 '02

Average growth (inches) this week Plant-Cane

CP 70-321 ..... 3.15
HoCP 85-845 ..... 3.85
LCP 85-384 ..... 3.44
HoCP 91-555 ..... 2.00

Average growth (inches) this week 1st-Stubble

CP 70-321 ..... 3.30
HoCP 85-845 ..... 3.55
LCP 85-384 ..... 3.75
HoCP 91-555. ..... 3.45

Average height (inches) to date Plant-Cane

CP 70-321 ..... 97.00
HoCP 85-845 ..... 97.90
LCP 85-384 ..... 101.80
HoCP 91-555 ..... 97.35

Average height (inches) to date 1st-Stubble

CP 70-321 ..... 98.00
HoCP 85-845 ..... 88.25
LCP 85-384 ..... 98.20
HoCP 91-555 ..... 95.65

Average height in inches

	CP 70-321		LCP 85-384	
YEAR	PLANT-CANE	1ST-STUBBLE	PLANT-CANE	1ST-STUBBLE
2002	97.0	98.0	101.8	98.2
2001	104.7	100.6	105.3	102.1
2000	112.6	101.5	107.9	109.4
1999	100.6	101.6	110.9	105.1
1998	100.9	119.7	106.7	119.5
1997	99.1	90.9	100.2	102.2
1996	94.3	96.7	99.8	91.5
1995	105.4	108.4	109.0	107.2
1994	99.8	92.2		
1993	95.1	87.5		

CLIMATOLOGICAL DATA

* Average air temperature (°F)

Max ..... 83.9°
Min ..... 74.6°
Mean ..... 79.2°

* Rainfall total for week (inches).....1.78

* Rainfall total for year (inches).....36.67

* Mean soil moisture (percent available in soil)
6-inch depth.....97.5%
12-inch depth.....100.0%
18-inch depth.....100.0%

* Temperature & rainfall records from Houma Laboratory, soil moisture from Ardoyne Farm.