

**RESULTS OF VITAZYME EXTENSION TRIALS IN CALDERÓN FARM, DOS RÍOS  
ESTATE, SANTIAGO DE CUBA PROVINCE**

**First Ratoon, Block 12, Fields 4 and 5, variety C87-5,1 area: 12.06 ha.  
Cane yield estimates, December, 2004.**

<b>Variables</b>	<b>Control</b>	<b>Vitazyme 1 l/ha 1 Application</b>	<b>Dif. Vitazyme-Control %</b>
Stalk length (cm)	2.23	2.33	4.48
Stalk diameter (cm)	189.2	201.35	6.47
No. stalks / linear meter	9.03	9.0	-0.33
Stalk weight (kg)	0.69	0.81	17.4
Tons cane/ha	38.94	45.56	17.0

**First Ratoon, Block 12, Fields 4 and 5, variety C87-5,1 area: 12.06 ha.  
Actual Harvest Yields, March, 2005.**

<b>TREATMENTS</b>	<b>AREA (ha)</b>	<b>PRODUCTION (t)</b>	<b>TONS/HA</b>	<b>% INCREASE</b>
Control	13.46	377.49	28.05	-
Vitaziyme1 l/ha (one application)	13.46	530.40	39.41	40.53

**Second ratoon, Block 75, Fields 1 and 2, Variety C87-51, area: 15. 78 ha.  
Cane yield estimates, December, 2004.**

<b>Variables</b>	<b>Control</b>	<b>Vitazyme 1 l/ha 1 Application</b>	<b>Dif. Vitazyme-Control %</b>
Stalk length (cm)	216.2	212	1.89
Stalk diameter (cm)	2.33	2.34	4.29
No. stalks / linear meter	11.83	12.8	8.20
Stalk weight (kg)	0.84	0.99	17.86
Tons cane/ha	62.11	79.2	27.5

**Second ratoon, Block 75, Fields 1 and 2, Variety C87-51, area: 15. 78 ha.  
Actual Harvest Yields, March, 2005.**

<b>TREATMENTS</b>	<b>AREA (ha)</b>	<b>PRODUCTION (t)</b>	<b>TONS/HA</b>	<b>% INCREASE</b>
Control	33.40	1206.04	36.10	-
Vitazyme 1 l/ha	15.11	782.43	51.78	43.4

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