

# TABLE GRAPES

## TEST 1

### A. Location

**Farm name:** Sociedad Agrícola Sumaia.

**Grower:** U.T.C. S.A.

**Address:** Ex-Escuela Agrícola Diaguitas.  
Diaguitas, IV Región.

**Responsible:** Ing.Agr.Mr.Héctor González.  
Ing.Agr.Mr.Felipe Torti.  
Ing.Agr.Mr.Rodolfo Castro.  
Ing.Agr.Mr.Dragomir Ljubetic.

### B. Crop

**Variety:** Flame Seedless.

**Age:** 10 years old.

**Previous crop:** Table grapes.

**Irrigation system:** Drip irrigation.

### C. Treatments

**T0=** Control.

**T1=** SINCOGIN 2 l/ha + AGRISPON 1.5 l/ha.

**T2=** NEMACUR 400 EC 12 l/ha.

4 replicates per treatment with 12 plants per replicate

### D. Application dates

First application: One month after bud-break (September 20, 1994).

Second application: Two weeks after post-harvest (January 20, 1995).

Third application: One month after bud-break (September 15 of 1995).

Fourth application: Two weeks after post-harvest (January 18 of 1996).

### E. Results

**EFFECT OF SINCOGIN + AGRISPON AND NEMACUR ON THE NUMBER OF PARASITIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.) cv. FLAME SEEDLESS, 45, 60, 90 AND 120 DAYS AFTER APPLICATIONS. FUNDO DIAGUITAS, VICUÑA, 1994-1995-1996.**

TREATMENTS	First application			Second application				Third application			Fourth application							
	Ip	Fp (60)	%	Ip	Fp (60)	%	Fp (90)	%	Fp (120)	%	Ip	Fp (60)	%	Fp (90)	%	Ip	Fp (45)	%
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	540.0	122.5	77	332.5	150.0	55	130.0	61	145.0	56	252.5	160.0	37	190.0	25	65.0	42.5	35
NEMACUR 400 EC 12 L/HA	587.5	352.5	40	520.0	272.5	48	270.0	48	345.0	34	365.0	232.0	36	200.0	45	240.0	190.0	21
CONTROL	560.0	627.5	0	795.0	840.0	0	977.5	0	1042.5	0	460.0	512.5	0	490.0	0	487.5	480.0	2
	Sep 20 1994 (A)(S)	Nov 20 1994 (S)		Jan 20 1995 (A)(S)	Mar 20 1995 (S)		Apr 20 1995 (S)		May 20 1995 (S)		Sep 15 1995 (A)(S)	Nov 15 1995 (S)		Dic 15 1995 (S)		Ene 15 1996 (A)(S)	Mar 01 1996 (S)	

**Ip: Initial population**, number of plant parasitic nematodes, in 250 g of soil, before applications.

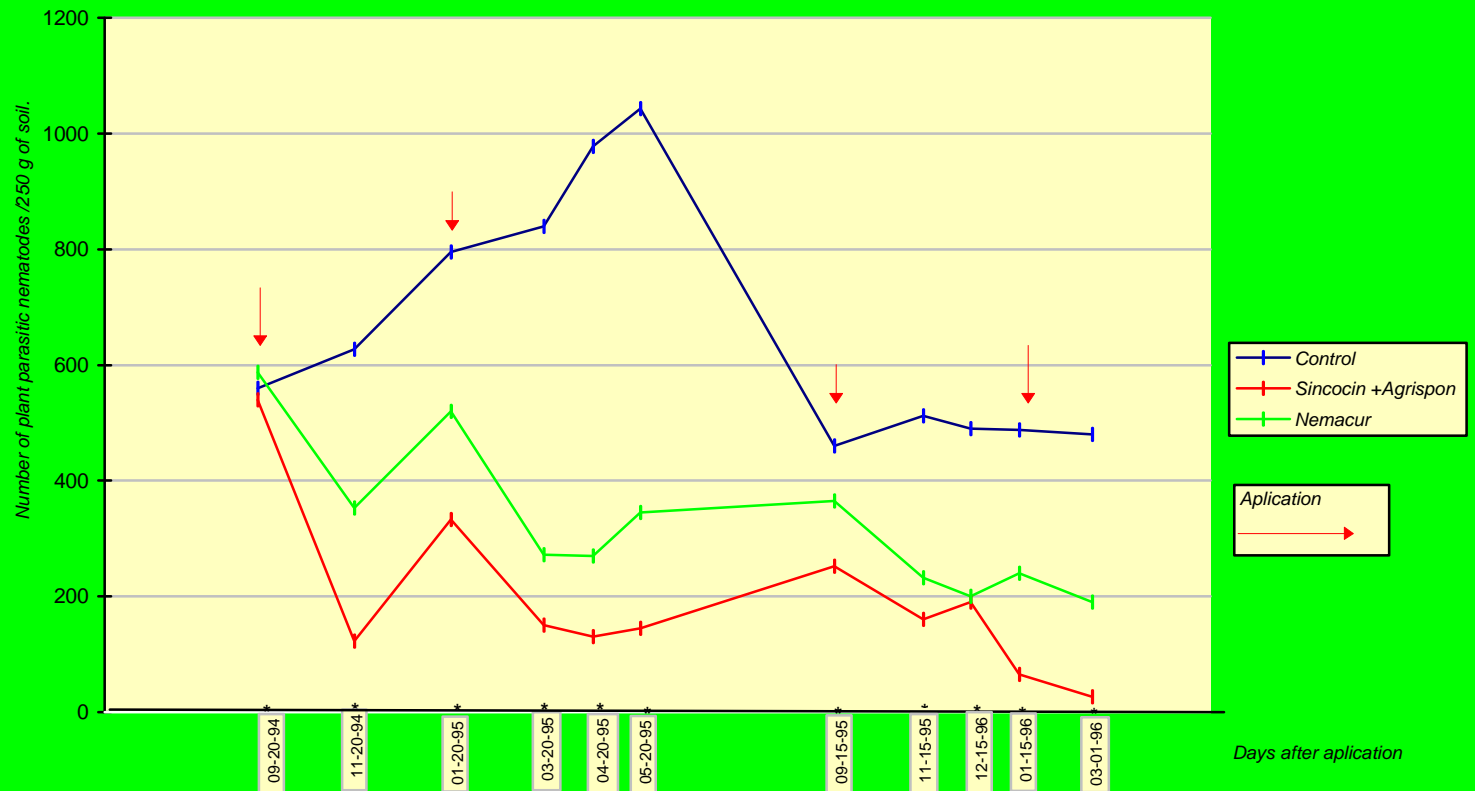
**Fp: Final population**, number of plant parasitic nematodes, in 250 g of soil, 45, 60, 90 and 120 days before applications.

**% : Percentage of control**, determined by the following calculation:  $( ( \text{Initial number of parasitic nematodes} - \text{Final number of parasitic nematodes} ) / \text{Initial number of plant parasitic nematodes} ) \times 100$

**(A) : Application.**

**(S) : Soil sample.**

*Sincocin + Agrispon and Nema-cur effect on the number of parasitic nematodes on table grapes, (Vitis vinifera L.).  
Fundo Diaguitas, Vicuña 1994-95-96.*



**EFFECT OF SINCOGIN + AGRISPON AND NEMACUR ON THE NUMBER SAPROPHYTIC NEMATODES ON  
TABLE GRAPES (*Vitis vinifera* L.) cv. FLAME SEEDLESS, 45, 60, 90 AND 120 DAYS AFTER APPLICATION.  
FUNDO DIAGUITAS, VICUÑA, 1994-1995-1996.**

TREATMENTS	First application			Second application						Third application			Fourth application					
	Ip	Fp (60)	%	Ip	Fp (60)	%	Fp (90)	%	Fp (120)	%	Ip	Fp (60)	%	Fp (90)	%	Ip	Fp (45)	%
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	370.0	905.0	145	500.0	577.0	15	700.0	40	807.5	62	545.0	535.0	0	507.5	0	490.0	440.0	0
NEMACUR 400 EC 12 L/HA	595.0	787.5	32	157.5	85.0	0	75.0	0	80.0	0	250.0	97.5	0	100.0	0	87.5	82.5	0
CONTROL	457.5	692.5	51	305.0	520.0	71	565.0	85	842.0	176	210.0	225.0	7	235.0	12	182.5	150.0	0
	Sep 20 1994 (A)(S)	Nov 20 1994 (S)		Jan 20 1995 (A)(S)	Mar 20 1995 (S)		Apr 20 1995 (S)		May 20 1995 (S)		Sep 15 1995 (A)(S)	Nov 15 1995 (S)		Dic 15 1995 (S)		Jan 15 1996 (A)(S)	Mar 01 1996 (S)	

**Ip: Initial population**, number of saprophytic nematodes, in 250 g of soil, before applications.

**Fp: Final population**, number of saprophytic nematodes, in 250 g of soil, 45, 60, 90 and 120 days after applications.

**% : Percentage of control**, determined by the following calculation:  $(\text{Final number of saprophytic nematodes} - \text{Initial number of saprophytic nematodes}) / \text{Initial number of saprophytic nematodes} \times 100$

**(A) : Application.**

**(S) : Soil sample.**

Sincocin + Agrispon and Nemacur effect on the number of saprofitic nematodes on table grapes (*Vitis vinifera* L.)  
 Fundo Diaguitas, Vicuña, 1994-95-96.



## TEST 2

### A. Location

**Farm name:** Parcela Campo Nuevo, Santa Griselda.

**Grower:** Mr. Silvio Zenteno.

**Address:** San Esteban s/n.

Los Andes; V Región.

**Responsible:** Ing.Agr.Mr.Héctor González.

Ing.Agr.Mr.Cristian Barros.

Ing.Agr.Ms.Anita Kunz.

### B. Crop

**Variety:** Flame Seedless.

**Age:** 5 month old.

**Previous crop:** Table grapes.

**Irrigation system:** Drip irrigation.

### C. Treatments

**T0=** Control.

**T1=** SINCOGIN 2 l/ha + AGRISPON 1.5 l/ha.

**T2=** NEMACUR 400 EC 6 l/ha.

No replicates, size of treatment: T1 - 1 hectare; T0 and T2 - 0.5 hectare.

### D. Application date

One month after bud-break (December 5, 1995).

### E. Results

**EFFECT OF SINCOGIN + AGRISPON AND NEMACUR ON THE NUMBER OF PARASITIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.) cv. FLAME SEEDLESS, 60 AND 110 DAYS AFTER APPLICATION. SANTA GRISELDA, LOS ANDES 1995-1996.**

TREATMENTS	Ip	P (60)	% C	P(110)	% C
CONTROL	320.0	505.0 a	0	552.5 a	0
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	365.0	177.5 b	51	120.0 b	67
NEMACUR 400 EC 6 L/HA	372.5	167.5 b	55	167.5 b	55

(12-05-95)

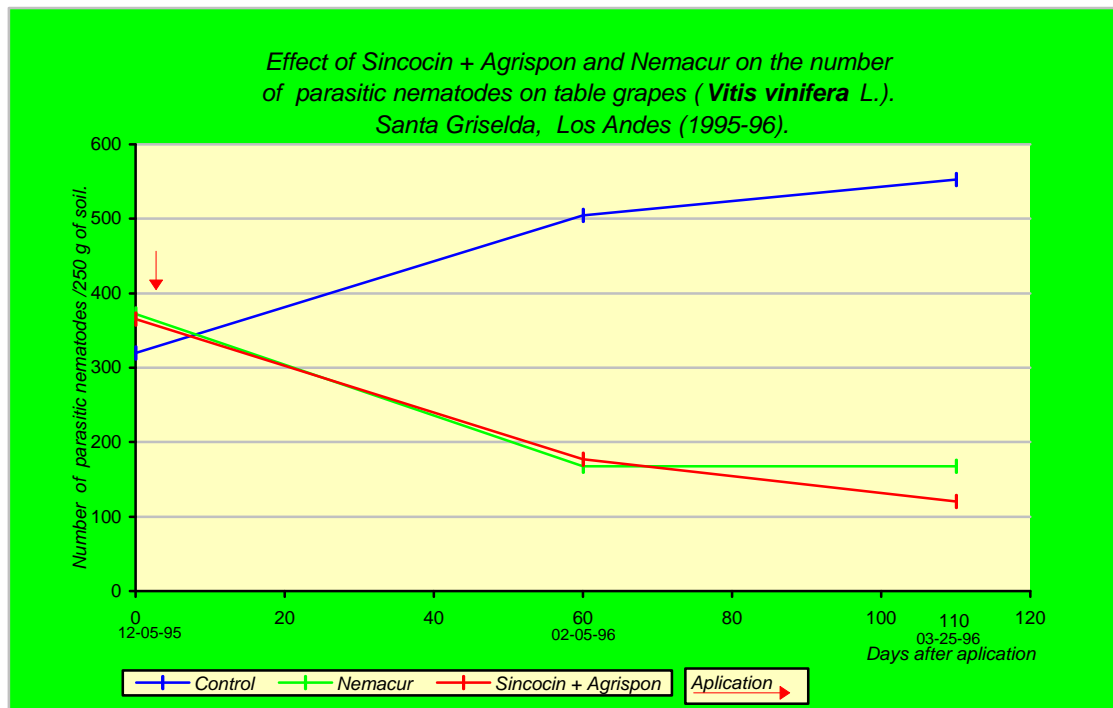
(02-05-95)

(03-25-96)

Means followed by the same letter are not significantly different at  $p = 0.05$  according with DMS test.

NOTE:

- **Ip: Initial population**, of parasitic nematodes, in 250 g of soil, before application.
- **P (60) : Final population**, of parasitic nematodes, in 250 g of soil, 60 days after application.
- **P (110) : Final population**, of parasitic nematodes, in 250 g of soil, 110 days after application.
- **% C : Percentage of control**.



**EFFECT OF SINCOGIN + AGRISPON AND NEMACUR ON THE NUMBER OF  
MELOIDOGYNE SPP.' S LARVAE ON TABLE GRAPES (*Vitis vinifera* L.) cv.  
FLAME SEEDLESS, 60 AND 110 DAYS AFTER APPLICATION.  
SANTA GRISELDA, LOS ANDES 1995-1996.**

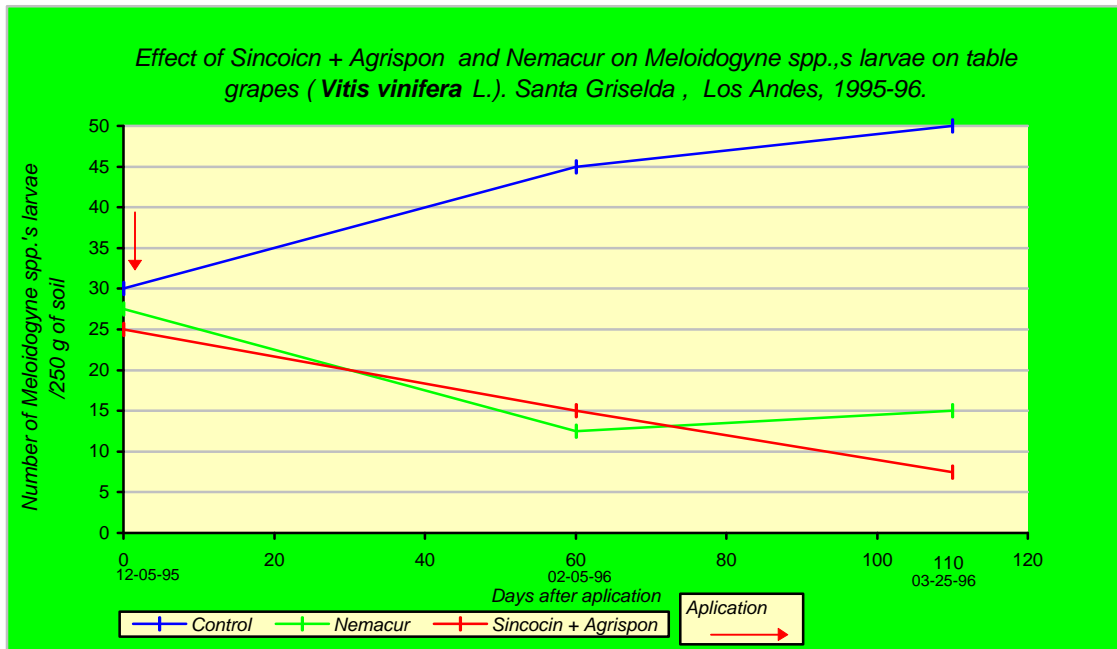
TREATMENTS	Ip	P (60)	% C	P(110)	% C
CONTROL	30.0	45.0 a	0	50.0 a	0
NEMACUR 400 EC 6 L/HA	27.5	12.5 b	55	15.0 b	46
SINCOGIN 2 L/HA+ AGRISPON 1.5 L/HA	25.0	15.0 b	40	7.5 b	70

(12-05-95)                      (02-05-95)                      (03-25-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip: Initial population**, of *Meloidogyne* spp.'s larvae, in 250 g of soil, before application.
- **P (60) : Final population**, of *Meloidogyne* spp.'s larvae, in 250 g of soil, 60 days after application.
- **P (110) : Final population**, of *Meloidogyne* spp.'s larvae, in 250 g of soil, 110 days after application.
- **% C : Percentage of control**.



**EFFECT OF SINCOGIN + AGRISPON AND NEMACUR ON THE NUMBER OF SAPROPHYTIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.) cv. FLAME SEEDLESS, 60 AND 110 DAYS AFTER APPLICATION. SANTA GRISELDA, LOS ANDES 1995-1996.**

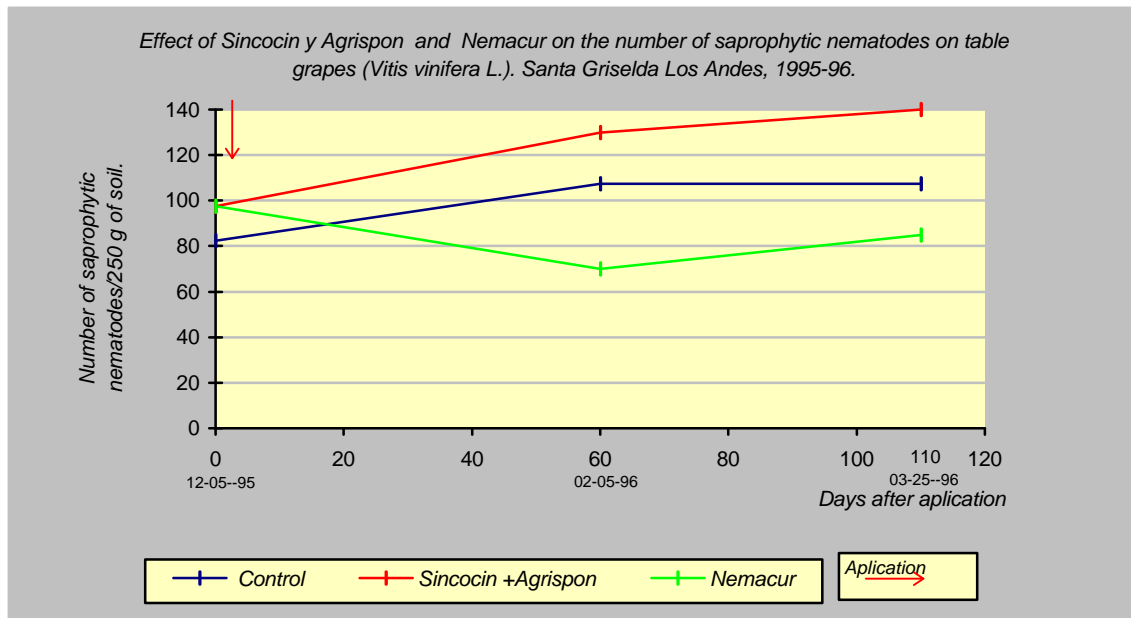
TREATMENTS	Ip	P (60)	% I	P(110)	% I
CONTROL	82.5	107.5 b	30	107.5 b	30
SINCOGIN 2 L/HA AGRISPON 1.5 L/HA	97.5	130.0 a	33	140.0 a	44
NEMACUR 400EC 6 L/HA	97.5	70.0 c	0	85.0 c	0

(12-05-95)                      (02-05-96)                      (03-25-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

**NOTE:**

- **Ip: Initial population**, of saprophytic nematodes, in 250 g of soil, before application.
- **P (60) : Final population**, of saprophytic nematodes, in 250 g of soil, 60 days after application.
- **P (110) : Final population**, of saprophytic nematodes, in 250 g of soil, 110 days after application.
- **% I : Percentage of increase.**



## TEST 3

### A. Location

**Farm name:** Hacienda San Vicente.

**Grower:** Inversiones Portezuelo S.A.

**Address:** Avenida Pascual Baburizza s/n, Calle Larga.  
Los Andes, V Región.

**Responsible:** Ing. Agr. Mr. Héctor González.

Ing. Agr. Mr. Carlos Cruzat.

Ing. Agr. Ms. Anita Kunz.

### B. Crop

**Variety:** Flame Seedless.

**Age:** 2 years old.

**Previous crop:** Table grapes.

**Irrigation system:** Drip irrigation.

### C. Treatments

**T0=** Control

**T1=** SINCOGIN 2 l/ha + AGRISPON 1.5 l/ha

**T2=** NEMACUR 400 EC 10 l/ha

5 replicates per treatment, a total of 15 soil samples.

### D. Application date

One month after bud-break (December 7, 1995).

### E. Results

**EFFECT OF SINCOGIN + AGRISPON AND NEMACUR ON THE NUMBER ON PARASITIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.) cv. FLAME SEEDLESS, 60 AND 100 DAYS AFTER APPLICATION. HACIENDA SAN VICENTE, LOS ANDES 1995-1996.**

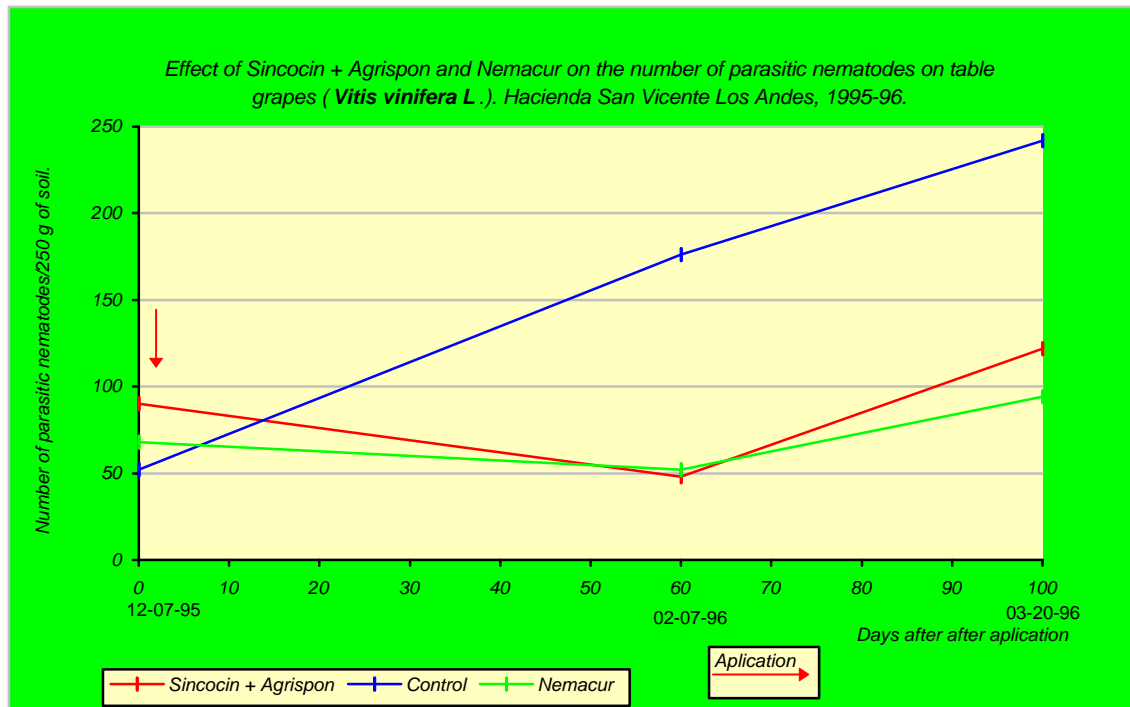
TREATMENTS	Ip	P (60)	% C	P(100)	% C
CONTROL	52.0	176.0 a	0	242.0 a	0
SINCOGIN 2 L/HA AGRISPON 1.5 L/HA	90.0	48.0 b	47	122.0 b	0
NEMACUR 400 EC 10 L/HA	68.0	52.0 b	24	94.0 c	0

(12-07-95)                      (02-07-96)    (03-20-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip: Initial population**, of parasitic nematodes, in 250 g of soil, before application.
- **P (60) : Final population**, of parasitic nematodes, in 250 g of soil, 60 days after application.
- **P (100) : Final population**, of parasitic nematodes, in 250 g of soil, 100 days after application.
- **% C : Percentage of control.**



**EFFECT OF SINCOGIN + AGRISPON AND NEMACUR ON THE NUMBER OF  
 MELOIDOGYNE SPP.'S LARVAE ON TABLE GRAPES (*Vitis vinifera* L.) cv.  
 FLAME SEEDLESS, 60 AND 100 DAYS AFTER APPLICATION.  
 HACIENDA SAN VICENTE, LOS ANDES 1995-1996.**

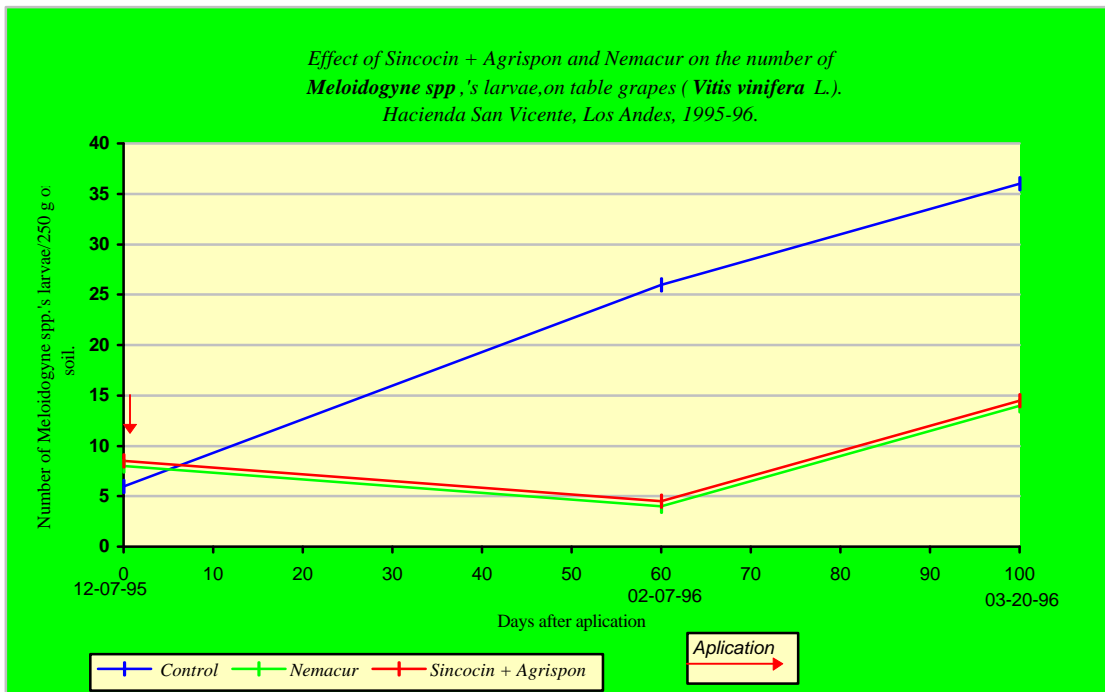
TREATMENTS	Ip	P (60)	% C	P(100)	% C
CONTROL	6.0	26.0 a	0	36.0 a	0
SINCOGIN 2L/HA + AGRISPON 1.5 L/HA	8.0	4.0 b	50	14.0 b	0
NEMACUR 400 EC 10 L/HA	8.0	4.0 b	50	14.0 b	0

(12-07-95)      (02-07-96)      (03-20-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip: Initial population**, of *Meloidogyne* spp.'s larvae, in 250 g of soil, before application.
- **P (60) : Final population**, of *Meloidogyne* spp.'s larvae, in 250 g of soil, 60 days after application.
- **P (100) : Final population**, of *Meloidogyne* spp.'s larvae, in 250 g of soil, 100 days after application.
- **% C : Percentage of control.**



## TEST 4

### A. Location

**Farm name:** Fundo Carmen Rosa.

**Grower:** Sociedad Agrícola Convento Viejo Ltda.

**Address:** Camino Campusano s/n.

**Responsible:** Ing. Agr. Mr.Héctor González.

Ing. Agr. Mr.Enrique Turri.

Ing. Agr. Ms. Anita Kunz.

### B. Crop

**Variety:** Thompson Seedless.

**Age:** 7 years old.

**Previous crop:** Vegetables.

**Irrigation system:** Furrow irrigation.

### C. Treatments

**T0=** Control.

**T1=** SINCOCIN 2 l/ha + AGRISPON 1.5 l/ha.

**T2=** SINCOCIN 2 l/ha.

**T3=** TEMIK 15 G 25 Kg/ha.

4 replicates per treatment with 10 plants per replicate

### D. Application date

One month after bud-break (November 23, 1995).

### E. Results

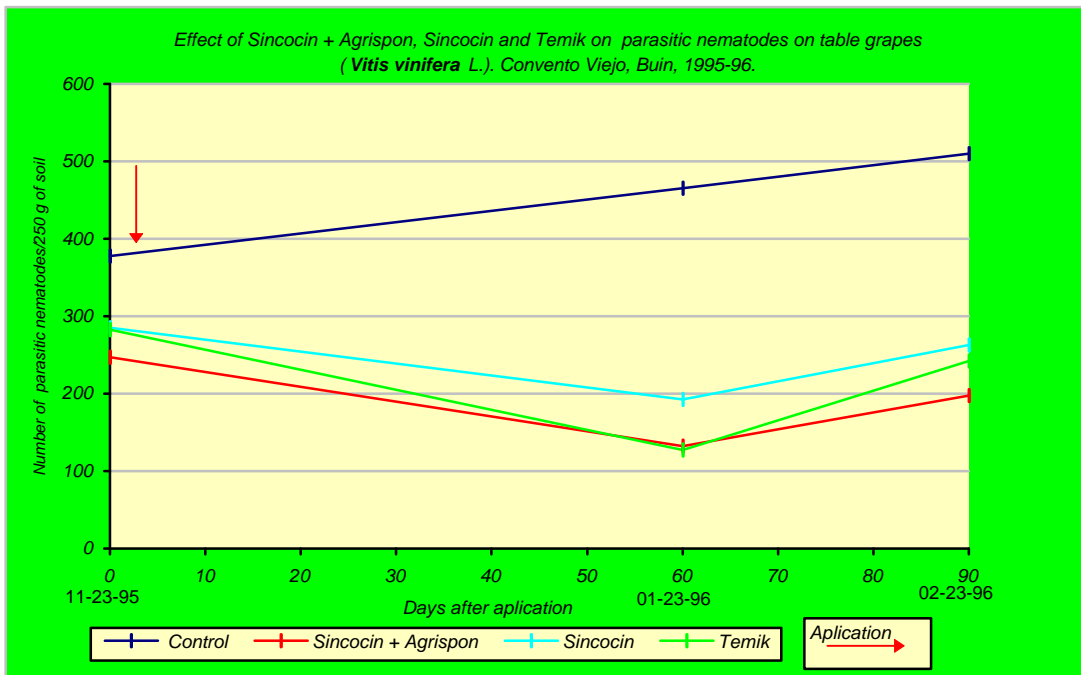
**EFFECT OF SINCOCIN + AGRISPON, SINCOCIN AND TEMIK ON THE  
NUMBER OF PARASITIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.)  
cv. THOMPSON SEEDLESS, 60 AND 90 DAYS AFTER APPLICATION.  
CONVENTO VIEJO, BUIN, 1995-1996.**

TREATMENTS	Ip	P (60)	% C	P(90)	% C
CONTROL	377.5	465.0 a	0	510.0 a	0
SINCOCIN 2 L/HA + AGRISPON 1.5 L/HA	247.5	132.5 c	47	197.5 c	20
SINCOCIN 2 L/HA	285.0	192.5 b	33	262.5 b	8
TEMIK 15 G 25 Kg/HA	282.5	127.5 c	56	242.5 bc	14
	(11-23-96)	(01-23-96)		(02-23-96)	

Means followed by the same letter are not significantly different at  $p = 0.05$  according with DMS test.

NOTE:

- **Ip: Initial population**, of parasitic nematodes, in 250 g of soil, before application.
- **P (60) : Final population**, of parasitic nematodes, in 250 g of soil, 60 days after application.
- **P (90) : Final population**, of parasitic nematodes, in 250 g of soil, 90 days after application.
- **% C : Percentage of control**.



**EFFECT OF SINCOGIN + AGRISPON AND TEMIK ON THE NUMBER OF  
MELOIDOGYNE SPP.'S LARVAE ON TABLE GRAPES (*Vitis vinifera* L.) cv.  
THOMPSON SEEDLESS, 60 AND 90 DAYS AFTER APPLICATION. CONVENTO  
VIEJO , BUIN, 1995-1996.**

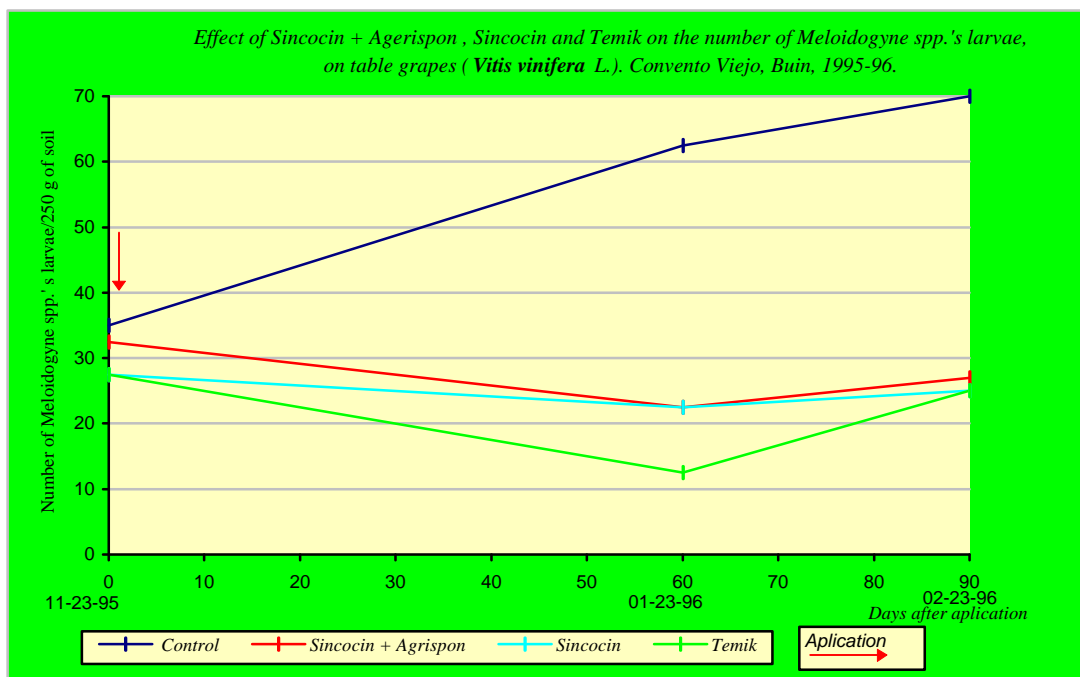
TREATMENTS	Ip	P (60)	% C	P(90)	% C
CONTROL	35.0	62.5 a	0	70.0 a	0
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	32.5	22.5 b	31	27.0 b	17
SINCOGIN 2 L/HA	27.5	22.5 b	18	25.0 b	9
TEMIK 15 G 25 Kg/HA	27.5	12.5 b	55	25.0 b	9

(11-23-96)      (01-23-96)      (02-23-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip: Initial population**, of *Meloidogyne* spp., in 250 g of soil, before application.
- **P (60) : Final population**, of *Meloidogyne* spp., in 250 g of soil, 60 days after application.
- **P (90) : Final population**, of *Meloidogyne* spp., in 250 g of soil, 90 days after application.
- **% C : Percentage of control**.



**EFFECT OF SINCOCIN + AGRISPON, SINCOCIN AND TEMIK ON THE NUMBER OF SAPROPHYTIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.) cv. THOMPSON SEEDLESS, 60 AND 90 DAYS AFTER APPLICATION. CONVENTO VIEJO, BUIN, 1995-1996.**

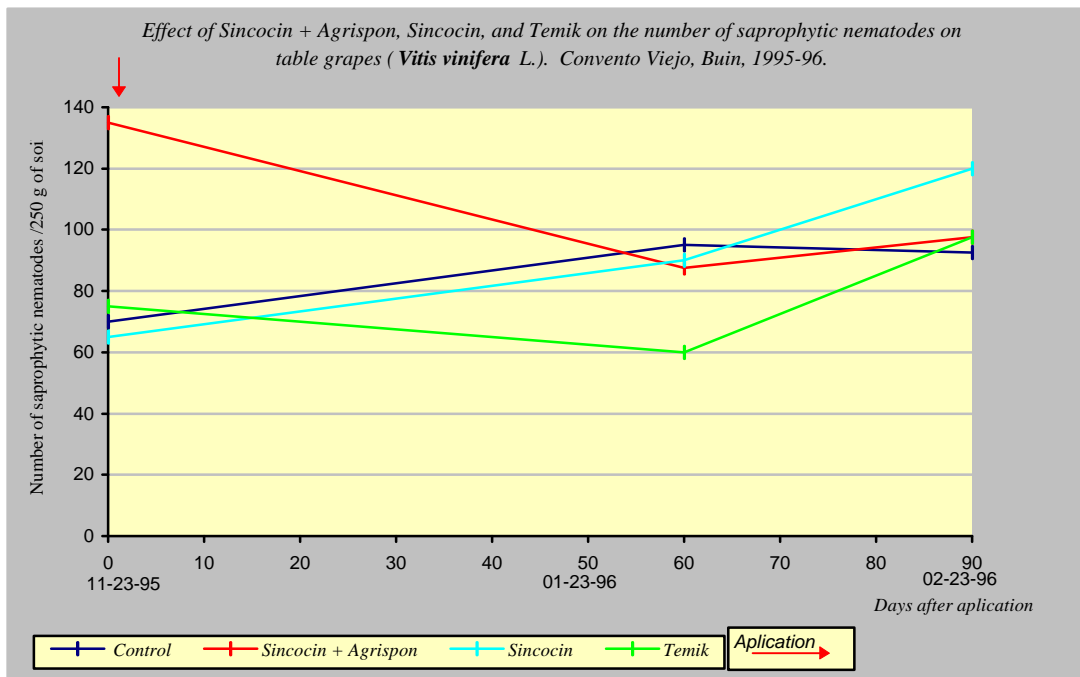
TREATMENTS	Ip	P (60)	% I	P(90)	% I
CONTROL	70.0	95.0 a	36	92.5 b	32
SINCOCIN 2 L/HA +AGRISPON 1.5 L/HA	135.0	87.5 a	0	97.5 b	0
SINCOCIN 2 L/HA	65.0	90.0 a	39	120.0 a	85
TEMIK 15 G 25 Kg/HA	75.0	60.0 b	0	97.5 b	30

(11-23-96)                      (01-23-96)                      (02-23-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip: Initial population**, of saprophytic nematodes, in 250 g of soil, before application.
- **P (60) : Final population**, of saprophytic nematodes, in 250 g of soil, 60 days after application.
- **P (90) : Final population**, of saprophytic nematodes, in 250 g of soil, 90 days after application.
- **% I : Percentage of increase**.



## TEST 5

### A. Location

**Farm name:** Parcela 87.

**Grower:** Mr. Andrés Vial.

**Address:** El Tránsito, parcela 87.  
Paine, Región Metropolitana.

**Responsible:** Ing. Agr. Mr. Héctor González.  
Ing. Agr. Mr. Enrique Turri.  
Ing. Agr. Ms. Anita Kunz.

### B. Crop

**Variety:** Thompson Seedless.

**Age:** 6 years old.

**Previous crop:** Table grapes.

**Irrigation system:** Furrow irrigation.

### C. Treatments

**T<sub>0</sub>**= Control.

**T<sub>1</sub>**= SINCOGIN 2 l/ha + AGRISPON 1.5 l/ha.

**T<sub>2</sub>**= SINCOGIN 2 l/ha.

**T<sub>3</sub>**= NEMACUR 400 12 l/ha.

4 replicates per treatment with 10 plants per replicate

### D. Application date

One month after bud break (November 22, 1995).

### E. Results

**EFFECT OF SINCOGIN + AGRISPON, SINCOGIN AND NEMACUR ON THE NUMBER OF PARASITIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.) cv. THOMPSON SEEDLESS, 60 AND 90 DAYS AFTER APPLICATION. ALTO JAHUEL, 1995-1996.**

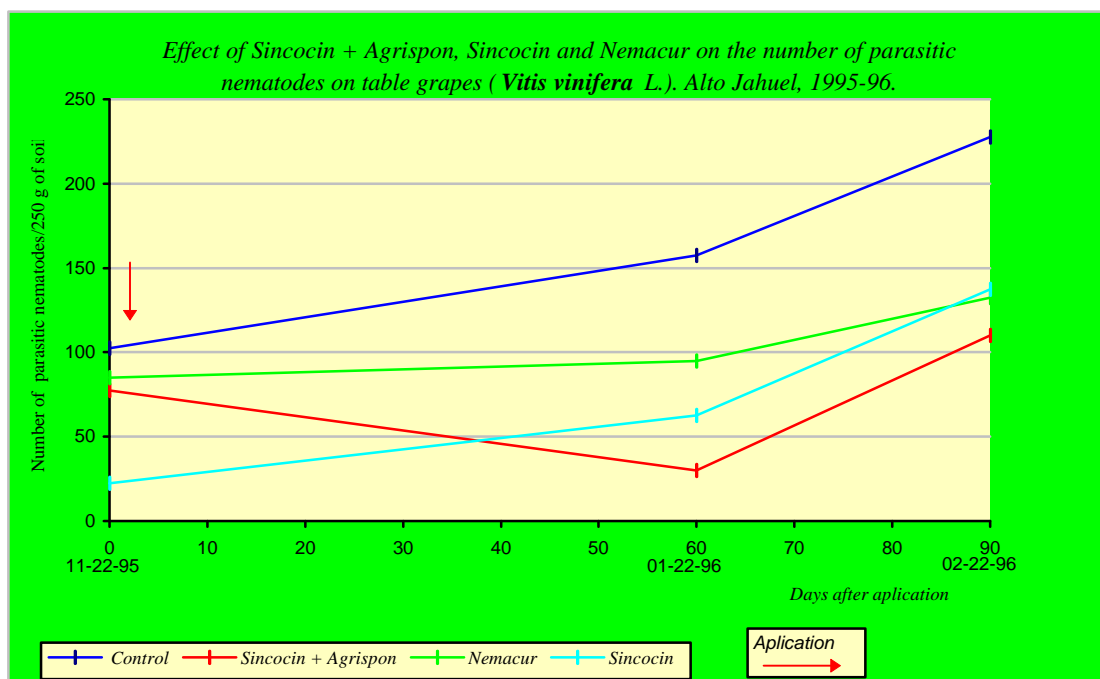
TREATMENTS	Ip	P (60)	% C	P(90)	% C
CONTROL	102.5	157.5 a	0	227.5 a	0
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	77.5	30.0 c	61	110.0 b	0
SINCOGIN 2 L/HA	22.5	62.5 bc	0	137.5 b	0
NEMACUR 400 EC 12 L/HA	85.0	95.0 b	0	132.5 b	0

(11-22-95) (01-22-96) (02-22-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip: Initial population**, of parasitic nematodes, in 250 g of soil, before application.
- **P (60) : Final population**, of parasitic nematodes, in 250 g of soil, 60 days after application.
- **P (90) : Final population**, of parasitic nematodes, in 250 g of soil, 90 days after application.
- **% C : Percentage of control**.



**EFFECT OF SINCOGIN + AGRISPON, SINCOGIN AND NEMACUR ON THE NUMBER OF PRATYLENCHUS SPP. ON TABLE GRAPES (*Vitis vinifera* L.) cv. THOMPSON SEEDLESS, 60 AND 90 DAYS AFTER APPLICATION. ALTO JAHUEL, 1995-1996.**

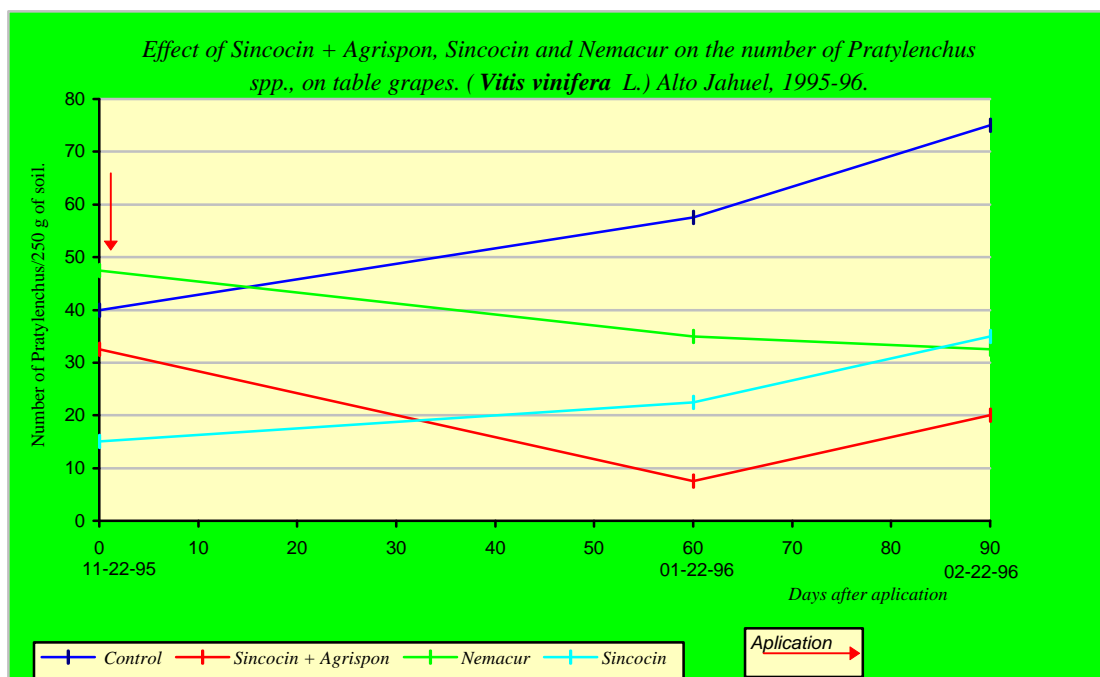
TREATMENTS	Ip	P (60)	% C	P(90)	% C
CONTROL	40.0	57.5 a	0	75.0 a	0
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	32.5	7.5 c	77	20.0 b	39
SINCOGIN 2 L/HA	15.0	22.5 bc	0	35.0 b	0
NEMACUR 400 EC 12 L/HA	47.5	35.0 b	26	32.5 b	32

(11-22-95) (01-22-96) (02-22-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

**NOTE:**

- **Ip:** Initial population, of *Pratylenchus* spp., in 250 g of soil, before application.
- **P (60) :** Final population, of *Pratylenchus* spp., in 250 g of soil, 60 days after application.
- **P (90) :** Final population, of *Pratylenchus* spp., in 250 g of soil, 90 days after application.
- **% C :** Percentage of control.



**EFFECT OF SINCOGIN + AGRISPON, SINCOGIN AND NEMACUR ON THE NUMBER OF SAPROPHYTIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.) cv. THOMPSON SEEDLESS, 60 AND 90 DAYS AFTER APPLICATION. ALTO JAHUEL, 1995-1996.**

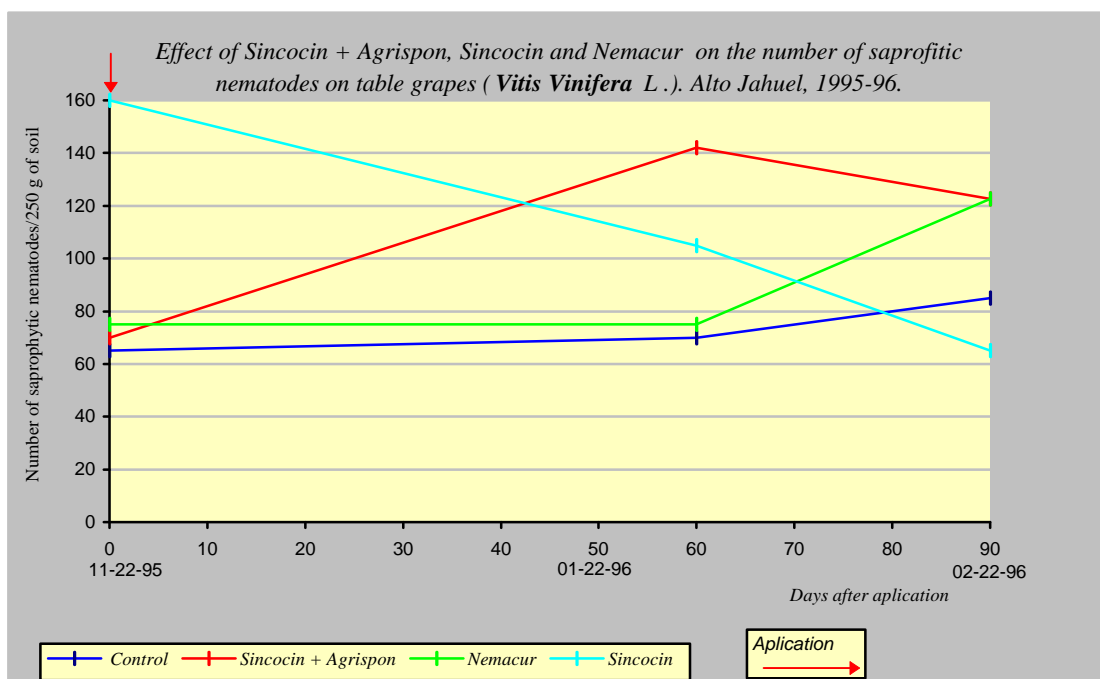
TREATMENTS	Ip	P (60)	% I	P(90)	% I
CONTROL	65.0	70.0 c	8	85.0 b	31
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	70.0	142.0 a	103	122.5 a	75
SINCOGIN 2 L/HA	160.0	105.0 c	0	65.0 c	0
NEMACUR 400 EC12 L/HA	75.0	75.0 c	0	122.5 a	0

(11-22-95)      (01-22-96)      (02-22-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip** : Initial population, of saprophytic nematodes, in 250 g of soil, before application.
- **P (60)** : Final population, of saprophytic nematodes, in 250 g of soil, 60 days after application.
- **P (90)** : Final population, of saprophytic nematodes, in 250 g of soil, 90 days after application.
- **% I** : Percentage of increase.



## TEST 6

### A. Location

**Farm name:** Fundo Santa Amalia.

**Grower:** Agrícola y Vitivinícola Santa Amalia Ltda.

**Address:** Santa Amalia s/n.

Requinoa, VI Región.

**Responsible:** Ing. Agr. Mr. Héctor González.

Ing. Agr. Mr. Leonel Bravo.

Ing. Agr. Ms. Anita Kunz.

### B. Crop

**Variety:** Flame Seedless.

**Age:** 10 years old.

**Previous crop:** Vineyard.

**Irrigation:** Furrow irrigation.

### C. Treatments

**T0=** Control.

**T1=** SINCOGIN 2 l/ha + AGRISPON 1.5 l/ha.

**T2=** SINCOGIN 2 l/ha.

**T3=** NEMACUR 400 EC12 l/ha.

4 replicates per treatment with 12 plants per replicate

### D. Application date

One month after bud-break (November 28, 1995).

### E. Results

**EFFECT OF SINCOGIN + AGRISPON, SINCOGIN AND NEMACUR ON THE NUMBER OF PARASITIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.) cv. FLAME SEEDLESS, 60 AND 90 DAYS AFTER APPLICATION. SANTA AMALIA, REQUINOA 1995-1996.**

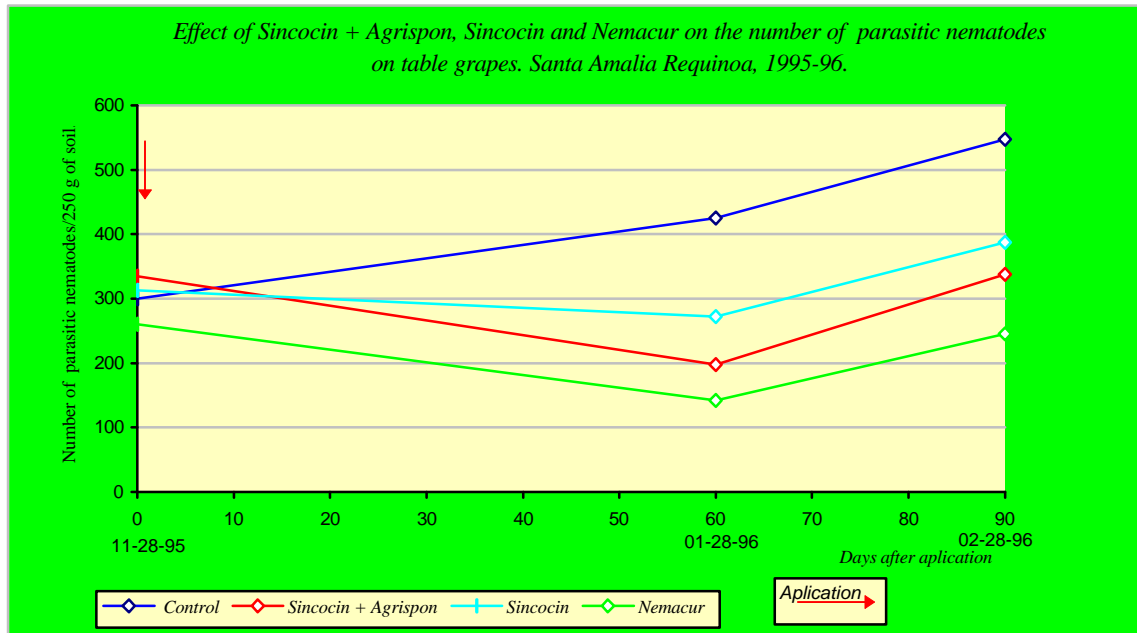
TREATMENTS	Ip	P (60)	% C	P(90)	% C
CONTROL	300.0	425.0 a	0	547.5 a	0
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	335.0	197.5 c	41	337.5 b	0
SINCOGIN 2 L/HA	312.5	272.5 b	13	387.5 b	0
NEMACUR 400 EC 12 L/HA	260.0	142.5 d	45	245.0 c	6

(11-28-95)                      (01-28-96)                      (02-28-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip: Initial population**, of parasitic nematodes, in 250 g of soil, before application.
- **P (60) : Final population**, of parasitic nematodes, in 250 g of soil, 60 days after application.
- **P (90) : Final population**, of parasitic nematodes, in 250 g of soil, 90 days after application.
- **% C : Percentage of control**.



**EFFECT OF SINCOGIN + AGRISPON AND NEMACUR ON THE NUMBER OF  
MELOIDOGYNE SPP.'S LARVAE ON TABLE GRAPES (*Vitis vinifera* L.) cv.  
FLAME SEEDLESS, 60 AND 90 DAYS AFTER APPLICATION.  
SANTA AMALIA, REQUINOA 1995-1996.**

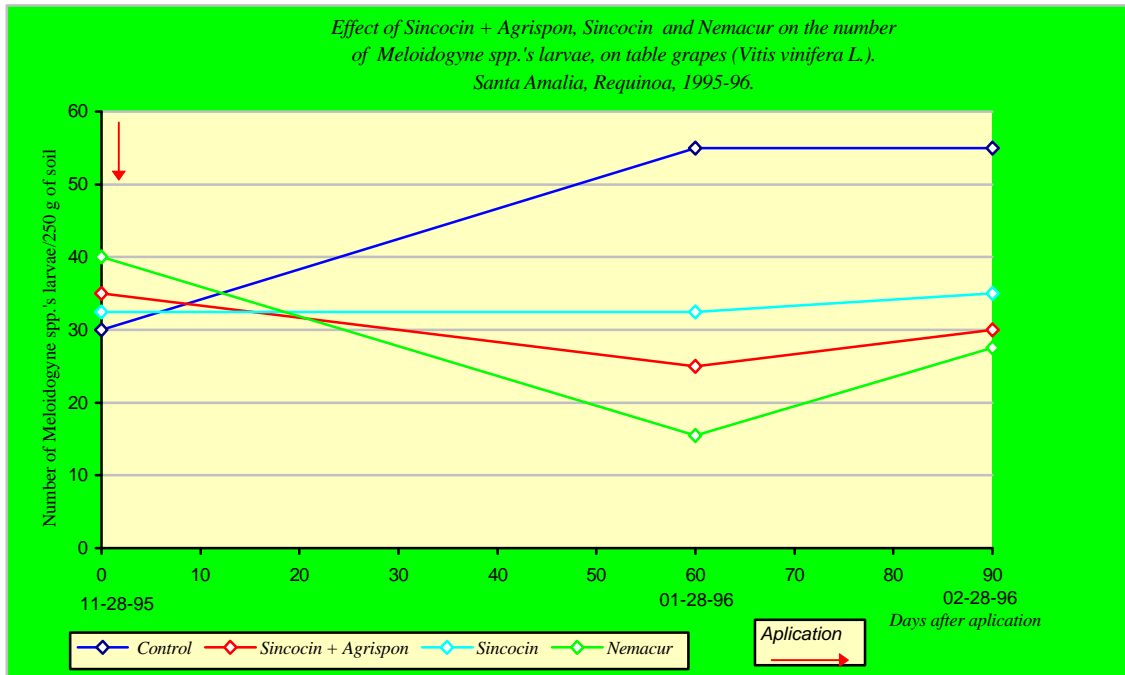
TREATMENTS	Ip	P (60)	% C	P(90)	% C
CONTROL	30.0	55.0 a	0	55.0 a	0
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	35.0	25.0 bc	29	30.0 b	14
SINCOGIN 2 L/HA	32.5	32.5 b	0	35.0 b	0
NEMACUR 400 EC 12 L/HA	40.0	15.5 c	61	27.5 b	31

(11-28-95)      (01-28-96)      (02-28-96)

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip: Initial population**, of *Meloidogyne* spp.'s larvae, in 250 g of soil, before application.
- **P (60) : Final population**, of *Meloidogyne* spp.'s larvae, in 250 g of soil, 60 days after application.
- **P (110) : Final population**, of *Meloidogyne* spp.'s larvae, in 250 g of soil, 110 days after application.
- **% C : Percentage of control**.



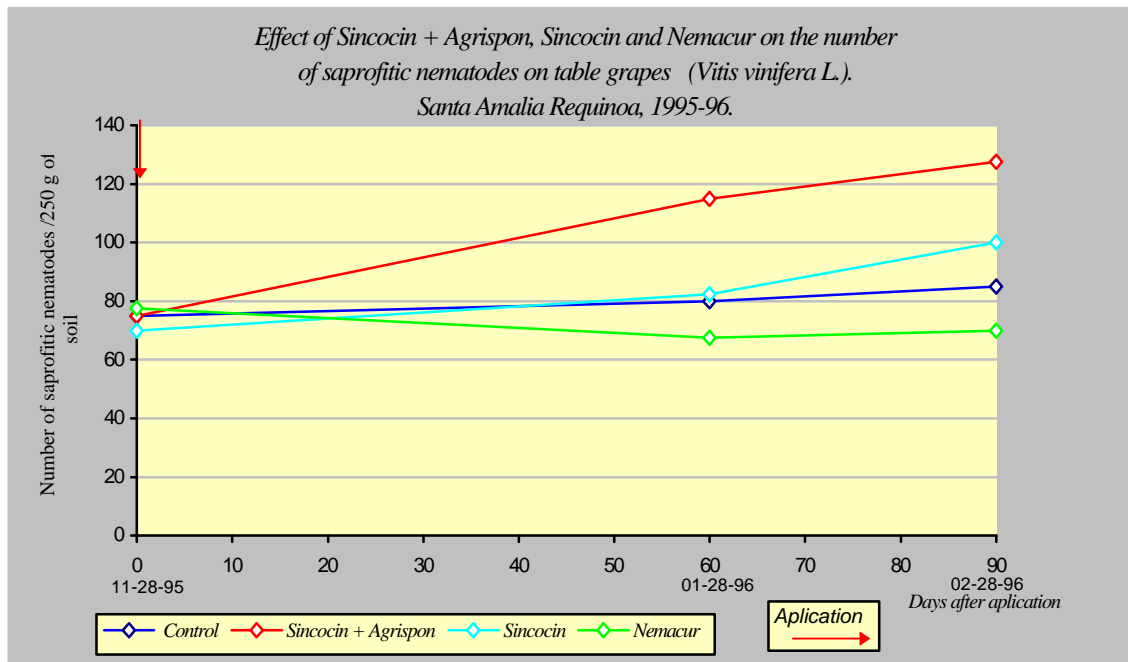
**EFFECT OF SINCOGIN + AGRISPON AND NEMACUR ON THE NUMBER OF SAPROPHYTIC NEMATODES ON TABLE GRAPES (*Vitis vinifera* L.) cv. FLAME SEEDLESS, 60 AND 90 DAYS AFTER APPLICATION. SANTA AMALIA, REQUINOA, 1995-1996.**

TREATMENTS	Ip	P (60)	% I	P(90)	% I
CONTROL	75.0	80.0 b	7	85.0 cb	13
SINCOGIN 2 L/HA + AGRISPON 1.5 L/HA	75.0	115.0 a	53	127.5 a	70
SINCOGIN 2 L/HA	70.0	82.5 b	18	100.0 b	43
NEMACUR 400 EC 12 L/HA	77.5	67.5 b	0	70.0 c	0
	(11-28-95)	(01-28-96)		(02-28-96)	

Means followed by the same letter are not significantly different at p = 0.05 according with DMS test.

NOTE:

- **Ip: Initial population**, of saprophytic nematodes, in 250 g of soil, before application.
- **P (60) : Final population**, of saprophytic nematodes, in 250 g of soil, 60 days after application.
- **P (90) : Final population**, of saprophytic nematodes, in 250 g of soil, 90 days after application.
- **% I : Percentage of increase**.



## TEST 7

### A. Location

**Place of realition:** INIA, La platina.

**Address:** Santa Rosa paradero 38 1/2.

La Granja, Santiago.

**Responsible:** Ing. Agr. Mr. Felipe Torti.

Ing. Agr. Mr.Hector González.

Ing. Agr. Mr. Dragomir Ljubetic.

### B. Crop

**Species:** Table grapes (*Vitis vinifera* L.)

**Variety:** Thompson Seedless

**Characteristics:** Dormant cane (Three bud).

### C. Treatments

**T<sub>0</sub>**= Control.

**T<sub>1</sub>**= SINCOGIN 200 ml/100 l of water.

**T<sub>2</sub>**= AGRISPON 100 ml/100 l of water.

**T<sub>3</sub>**= SINCOGIN 200 ml/100 l of water + AGRISPON 100 ml/100 l of water.

**T<sub>4</sub>**= SINCOGIN (pure).

**T<sub>5</sub>**= AGRISPON (pure).

### D. Way of application

The canes were dipped in the solutions for one minute..

### E. Results

**EFFECT OF SINCOGIN AND AGRISPON ON THE DEVELOPMENT OF ROOTS ON TABLE GRAPES CANES (*VITIS VINIFERA* L.) cv. THOMPSON SEEDLESS. LA PLATINA, SANTIAGO 1994.**

TREATMENTS	ROOTS FRESH WEIGHT (g)	ROOTS DRIED WEIGHT (g)	ROOTS LENGTH (cm)
CONTROL	2.6 c	1.03 b	17.0 c
SINCOGIN 200 ml/100 l	4.8 b	1.76 a	28.0 b
AGRISPON 100 ml/100 l	6.0 a	2.10 a	35.0 a
SINCOGIN 200 ml/100 l + AGRISPON 100 ml/100 l	6.5 a	2.30 a	38.0 a
SINCOGIN(PURE)	1.5 c	0.56 b	10.0 d
AGRISPON(PURE)	2.0 c	0.60 b	15.0 c

Means followed by the same letter are not significantly different at  $p=0.05$ , according to Duncan's Multiple Range Test.

