

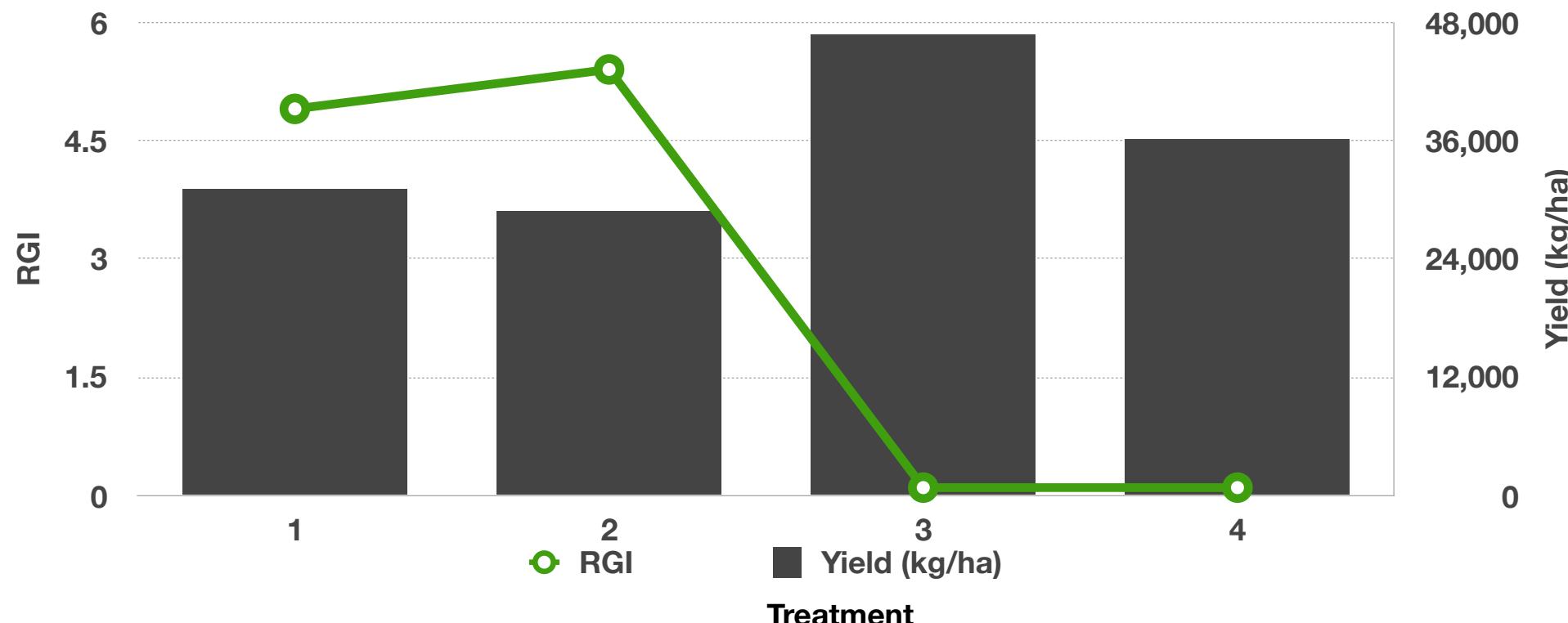
2011-2012 Tomato Root-knot nematodes research trial data. University of Florida, NFREC, Quincy, FL
 Research conducted by: Laura Ritchie, Jackie Snell, Steve Olson, Josh Freeman and Mathews Paret

Root-gall index (RGI) and marketable yield of tomato - Fall 2012

TREATMENTS		RGI		YIELD (KG/HA)	
1	BHN 602 non-grafted	4.9	a	30,992	b
2	BHN 602 self-grafted	5.4	a	28,905	b
3	BHN 602 grafted to BHN 998	0.1	b	46,699	a
4	BHN 602 grafted to BHN 1054	0.1	b	36,018	ab

RGI (Root-Gall Index): Higher the RGI, higher the severity of nematode damage to the roots over the period of the trial.

Different letters next to the treatment means that they are statistically different ($Pr>F=0.05$; LSD)



Number of plants per plot: 12

Plant spacing: 20 inches

Number of reps: 4

Transplanted: 08/06/12

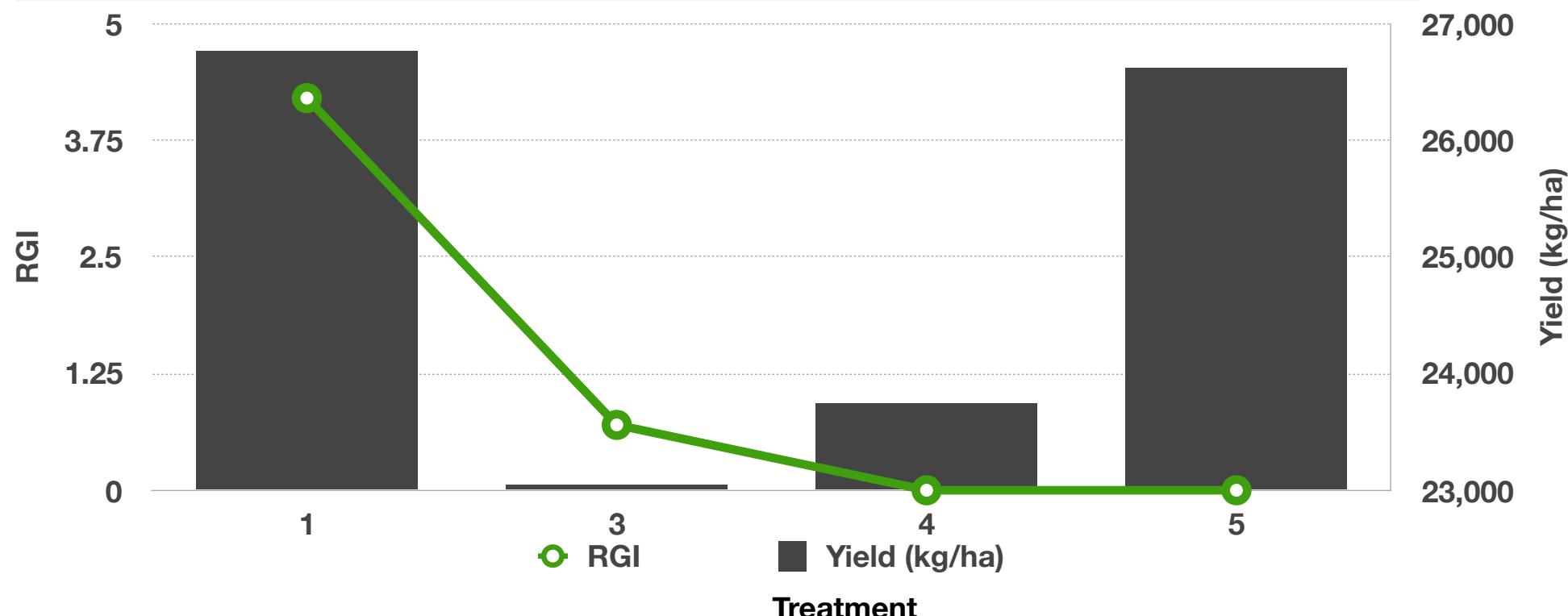
2011-2012 Tomato Root-knot nematodes research trial data. Virginia Tech, ESAREC, Painter, VA
 Research conducted by: Josh Freeman and Mathews Paret

Root-gall index (RGI) and marketable yield of tomato - Fall 2012

TREATMENT		RGI	YIELD (KG/HA)	
1	BHN 602 non-grafted	4.2	a	26,765 a
3	BHN 602 grafted to RST-04-106-T	0.7	b	23,047 a
4	BHN 602 grafted to BHN 998	0.0	b	23,741 a
5	BHN 602 grafted to BHN 1054	0.0	b	26,612 a

RGI (Root-Gall Index): Higher the RGI, higher the severity of nematode damage to the roots over the period of the trial.

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Number of plants per plot: 18

Plant spacing: 20 inches

Number of reps: 4

Transplanted: 06/21/12

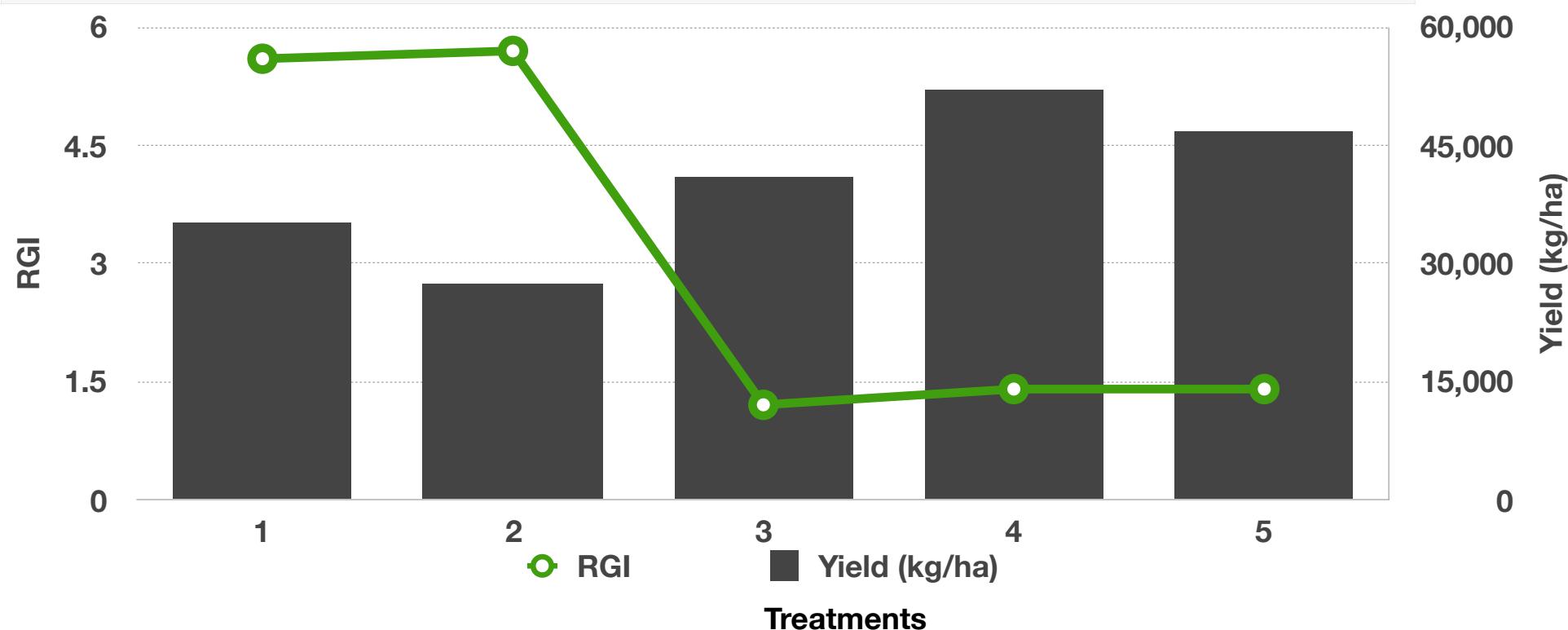
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 Research conducted by: Laura Ritchie, Jackie Snell, Steve Olson, Josh Freeman and Mathews Paret

Root-gall index (RGI) and marketable yield of tomato - Fall 2011

TREATMENTS		RGI		YIELD (KG/HA)	
1	BHN 602 non-grafted	5.6	a	35,148	cd
2	BHN 602 self-grafted	5.7	a	27,325	d
3	BHN 602 grafted to RST-04-106-T	1.2	b	40,864	bc
4	BHN 602 grafted to BHN 998	1.4	b	52,022	a
5	BHN 602 grafted to BHN 1054	1.4	b	46,680	ab

RGI (Root-Gall Index): Higher the RGI, higher the severity of nematode damage to the roots over the period of the trial.

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Number of plants per plot: 12

Plant spacing: 20 inches

Number of reps: 4

Transplanted: 08/08/11

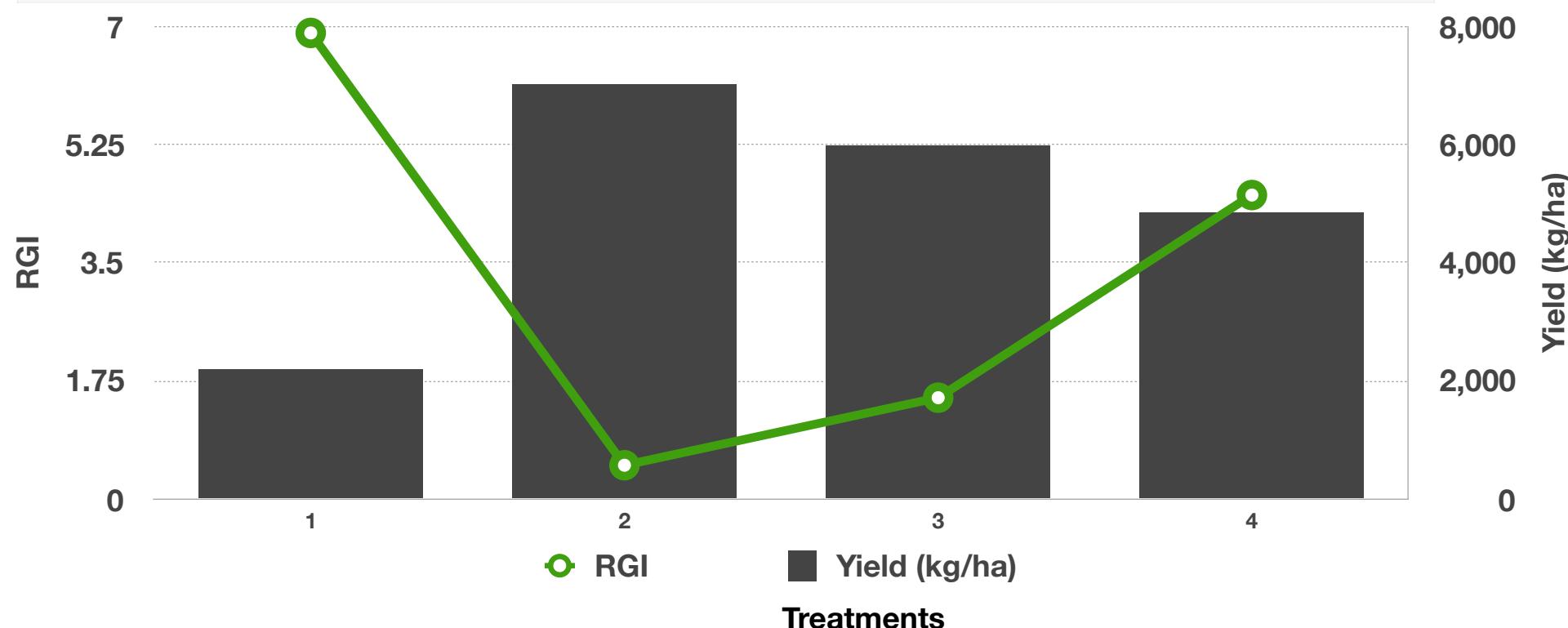
2011-2012 Tomato Root-knot nematodes research trial data. Virginia Tech, ESAREC, Painter, VA
 Research conducted by: Josh Freeman and Mathews Paret

Root-gall index (RGI) and marketable yield of tomato - Fall 2011

TREATMENTS		RGI		YIELD (KG/HA)	
1	BHN 602 non-grafted	6.9	a	2,195	a
2	BHN 602 grafted to RST-04-106-T	0.5	d	7,027	a
3	BHN 602 grafted to BHN 998	1.5	c	5,992	a
4	BHN 602 grafted to BHN 1054	4.5	b	4,852	a

RGI (Root-Gall Index): Higher the RGI, higher the severity of nematode damage to the roots over the period of the trial.

Different letters next to the treatment means that they are statistically different ($Pr>F=0.05$; LSD)



Number of plants per plot: 18

Plant spacing: 20 inches

Number of reps: 4

Transplanted: 08/04/11



2011 Fall Trial, University of Florida, NFREC

‘BHN 602’: RGI 7



GRAFT UNION

‘BHN 998’: RGI 1

AN ACCIDENTAL
DEMONSTRATION
OF THE BASIC
PRINCIPLE OF
GRAFTING!.

(Write/call me if you
can't figure out)

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