

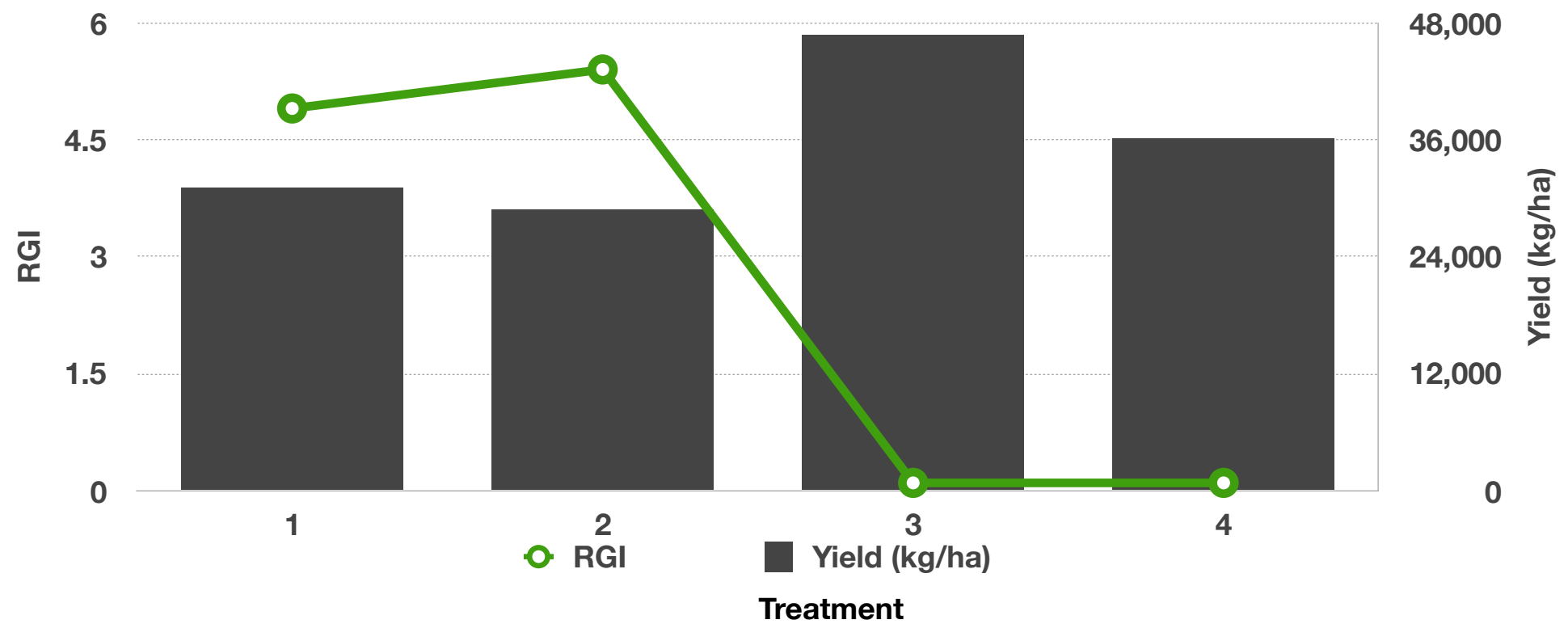
2011-2012 Tomato Root-knot nematodes research trial data. University of Florida, NFREC, Quincy, FL
Research conducted by: Laura Ritchie, Jackie Snell, Steve Olson, Josh Freeman and Mathews Paret

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 ($P > F = 0.05$; LSD)



Number of plants per plot: 12
 Plant spacing: 20 inches
 Number of reps: 4
 Transplanted: 08/06/12

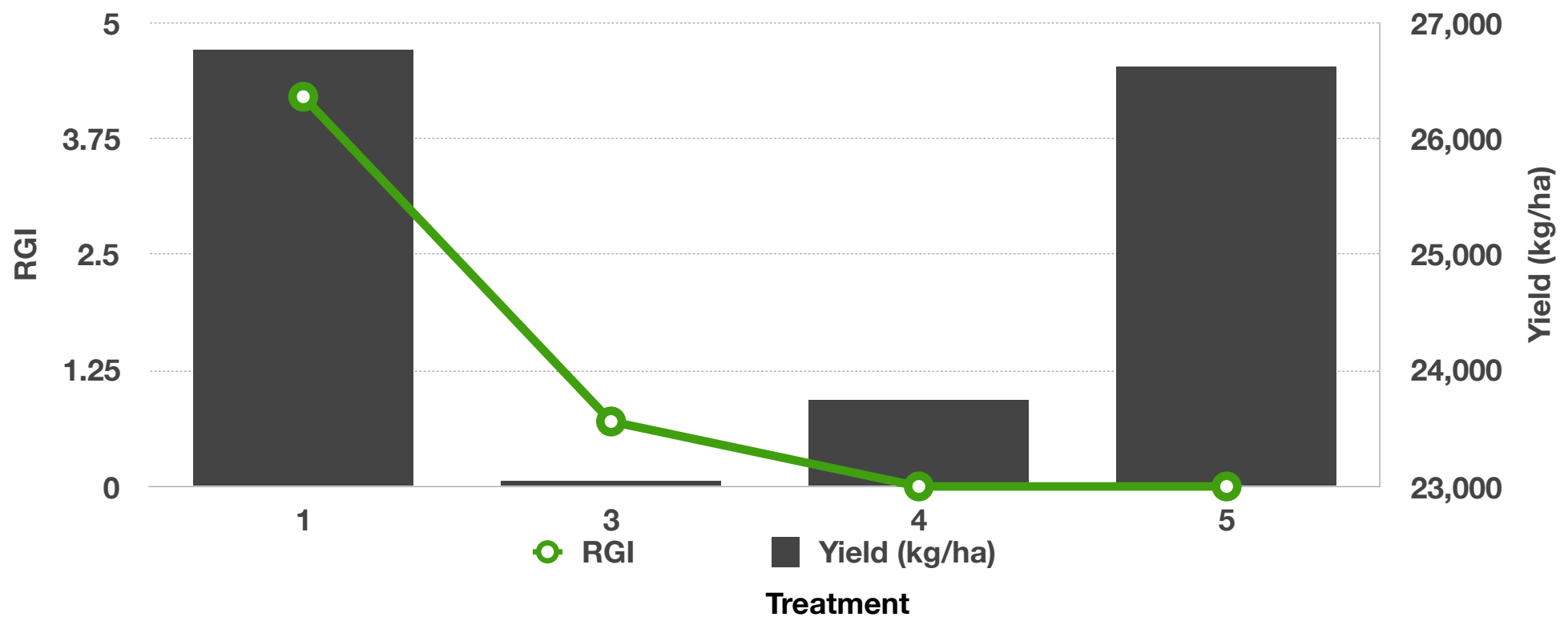
2011-2012 Tomato Root-knot nematodes research trial data. Virginia Tech, ESAREC, Painter, VA
Research conducted by: Josh Freeman and Mathews Paret

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.

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



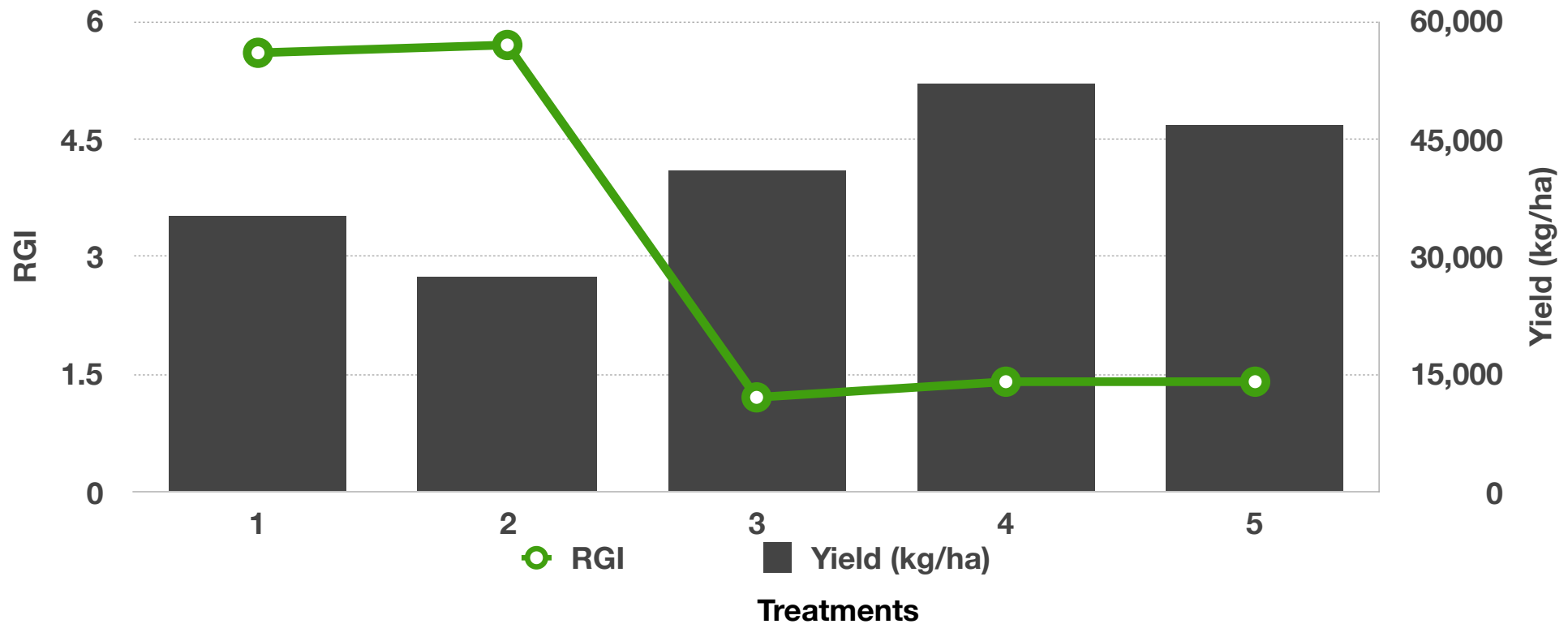
Number of plants per plot: 18
 Plant spacing: 20 inches
 Number of reps: 4
 Transplanted: 06/21/12

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 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.
 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: 08/08/11

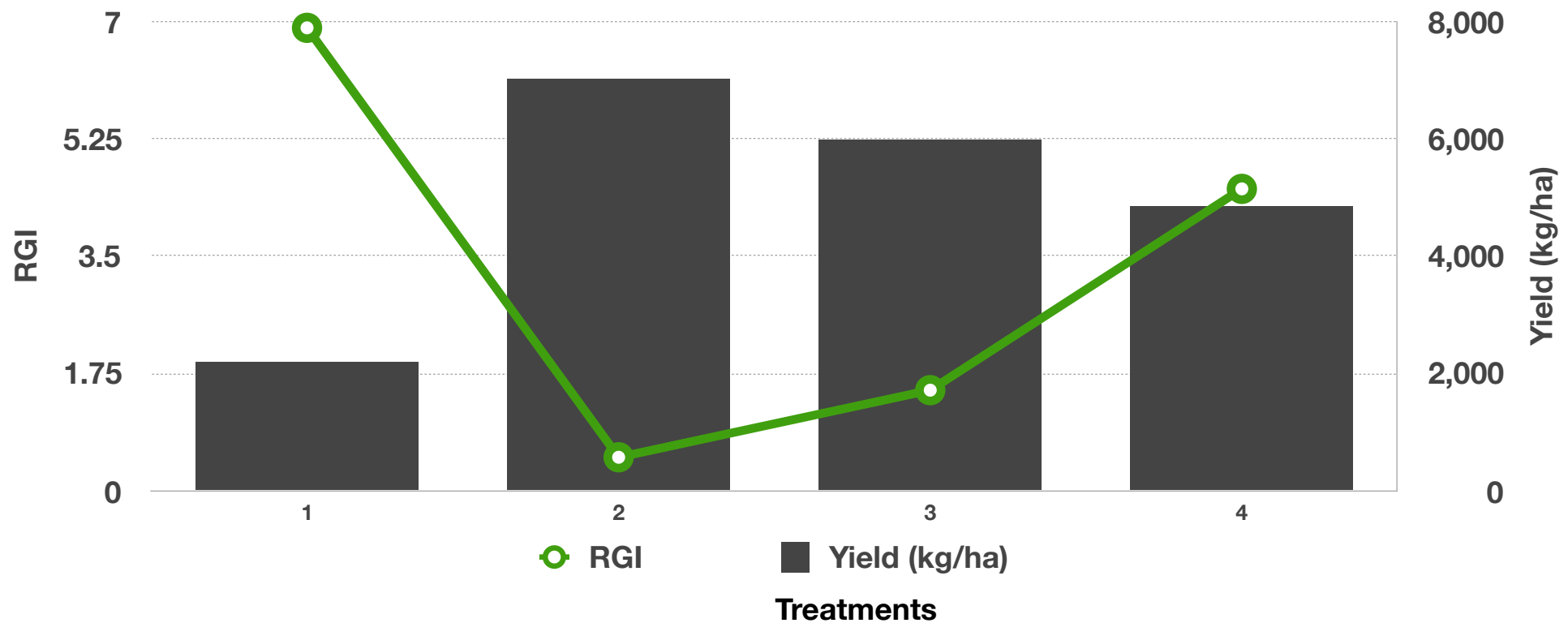
2011-2012 Tomato Root-knot nematodes research trial data. Virginia Tech, ESAREC, Painter, VA
Research conducted by: Josh Freeman and Mathews Paret

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
2	BHN 602 grafted to RST-04-106-T	0.5	d	7,027
3	BHN 602 grafted to BHN 998	1.5	c	5,992
4	BHN 602 grafted to BHN 1054	4.5	b	4,852

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 ($P > F = 0.05$; 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)

paret@ufl.edu

850-875-7154

UF UNIVERSITY of
FLORIDA
IFAS