

US EPA ARCHIVE DOCUMENT

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Wilmington, MA 01887-1062

Sample ID: 020038

Sample Name: Control

Method: 100.5SGR

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	L	N							
2	A	C	M	7/25/01	28	7/31/01	6		
3	A	C	F	7/28/01	31	7/29/01	1	7/28/01	20038D2
Proportion Emerged:		0.17	Average Days To Emergence		29.5	Average Days to Mortality		3.5	

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
0		N							
Proportion Emerged:		0.00	Average Days To Emergence			Average Days to Mortality			

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/20/01	23	7/29/01	9		
2	A	C	M	7/21/01	24	7/24/01	3		
3	A	C	F	8/3/01	37	8/6/01	3	8/3/01	20038M
4	A	C	F	8/6/01	40	8/9/01	3	8/6/01	20038N
Proportion Emerged:		0.33	Average Days To Emergence		31.0	Average Days to Mortality		4.5	

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/26/01	29	8/1/01	6		
Proportion Emerged:		0.08	Average Days To Emergence		29.0	Average Days to Mortality		6.0	

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020039 Sample Name: D03424 IPSD-PPO3-062 Method: 100.5SGR

Replicate: A

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	E							
3	A	C	F	8/1/01	21	8/4/01	3	8/1/01	20039F3
Proportion Emerged:		0.25	Average Days To Emergence		21.0	Average Days to Mortality		3.0	

Replicate: B

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/1/01	21	8/3/01	2	8/1/01	20039B2
2	A	C	M	8/1/01	21	8/7/01	6		
3	A	C	F	8/5/01	25	8/8/01	3	8/7/01	20039E4
4	A	C	F	8/8/01	28	8/13/01	5	8/10/01	20039M
5	A	C	F	8/9/01	29	8/10/01	1	8/9/01	20039M
Proportion Emerged:		0.42	Average Days To Emergence		24.8	Average Days to Mortality		3.4	

Replicate: C

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	F	8/1/01	21	8/3/01	2	8/1/01	20039C3
3	A	C	M	8/1/01	21	8/3/01	2		
4	A	C	M	8/2/01	22	8/3/01	1		
5	A	C	F	8/2/01	22	8/2/01	0		
6	A	C	F	8/3/01	23	8/7/01	4	8/4/01,8/6/01	20039F3,20039E4
Proportion Emerged:		0.50	Average Days To Emergence		21.8	Average Days to Mortality		1.8	

Replicate: D

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/30/01	19	8/1/01	2		
2	A	C	F	7/31/01	20	8/2/01	2	7/31/01	20039F2
Proportion Emerged:		0.17	Average Days To Emergence		19.5	Average Days to Mortality		2.0	

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Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020039 Sample Name: D03424 IPSD-PPO3-062 Method: 100.5SGR

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	F	8/1/01	21	8/7/01	6	8/2/01, 8/3/01	20039C3,20039B2
3	A	C	F	8/2/01	22	8/3/01	1	8/2/01	20039G3
4	A	C	M	8/5/01	25	8/8/01	3		
5	A	C	F	8/5/01	25	8/9/01	4	8/2/01	20039E4
6	A	C	F	8/5/01	25	8/9/01	4	8/2/01	20039E4
7	P								

Proportion Emerged: 0.50 Average Days To Emergence 23.6 Average Days to Mortality 3.6

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	M	7/31/01	20	8/2/01	2		
3	A	C	M	7/31/01	20	8/6/01	6		
4	A	C	F	8/4/01	24	8/7/01	3	8/4/01	20039G3
5	A	C	F	8/4/01	24	8/4/01	0		

Proportion Emerged: 0.42 Average Days To Emergence 22.0 Average Days to Mortality 2.8

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	F	7/31/01	20	8/7/01	7	7/31/01	
3	A	C	M	7/31/01	20	8/6/01	6		
4	A	C	F	8/1/01	21	8/7/01	6	8/1/01, 8/2/01	20039H1, 20039C4, 20039G3
5	A	C	F	8/4/01	24	8/6/01	2		
6	A	C	M	8/4/01	24	8/4/01	0		

Proportion Emerged: 0.50 Average Days To Emergence 21.8 Average Days to Mortality 4.2

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Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020039 Sample Name: D03424 IPSD-PPO3-062 Method: 100.5SGR

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	8/2/01	2		
2	A	C	M	7/31/01	20	7/31/01	0		
3	A	C	F	7/31/01	20	7/31/01	0		
Proportion Emerged:		0.25	Average Days To Emergence		20.0	Average Days to Mortality		0.7	

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Emergence Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/4/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 020040 Sample Name: D03429 IPSD-TTSA01-06 Method: 100.5SGR

Replicate: A

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	M	7/31/01	20	8/2/01	2		
3	A	C	M	8/5/01	25	8/10/01	5		
Proportion Emerged:		0.25	Average Days To Emergence		22.5	Average Days to Mortality		3.5	

Replicate: B

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	7/30/01	19	8/2/01	3	7/31/01	20040H1
2	A	C	M	8/1/01	21	8/1/01	0		
3	A	C	M	8/2/01	22	8/2/01	0		
4	A	C	F	8/3/01	23	8/5/01	2	8/3/01	20040B5
5	A	C	M	8/3/01	23	8/6/01	3		
6	A	C	F	8/4/01	24	8/4/01	0		
7	A	C	M	8/6/01	26	8/8/01	2		
8	A	C	F	8/7/01	27	8/8/01	1	8/7/01	20040G6
9	A	C	F	8/10/01	30	8/15/01	5	8/10/01	20040P
Proportion Emerged:		0.75	Average Days To Emergence		23.9	Average Days to Mortality		1.8	

Replicate: C

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/2/01	22	8/5/01	3		
2	A	C	F	8/4/01	24	8/4/01	0		
3	A	C	F	8/4/01	24	8/4/01	0		
4	A	C	F	8/8/01	28	8/10/01	2	8/8/01	20040E6
5	A	C	F	8/8/01	28	8/11/01	3	8/8/01	20040E6
6	A	C	F	8/9/01	29	8/10/01	1	8/9/01	20040N
Proportion Emerged:		0.50	Average Days To Emergence		25.8	Average Days to Mortality		1.5	

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Tetra Tech NUS Inc
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Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020040 Sample Name: D03429 IPSD-TTSA01-06 Method: 100.5SGR

Replicate: D

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/2/01	22	8/7/01	5		
2	A	C	M	8/5/01	25	8/8/01	3		
3	A	C	F	8/7/01	27	8/10/01	3	8/7/01	20040H8
4	A	C	M	8/8/01	28	8/10/01	2		
5	A	C	F	8/9/01	29	8/10/01	1	8/9/01	20040F8
6	A	C	F	8/9/01	29	8/12/01	3	8/9/01	20040F8
7	A	C	M	8/10/01	30	8/15/01	5		20040D9
8	A	C	F	8/11/01	31	8/17/01	6	8/11/01	
9	A	C	M	8/11/01	31	8/15/01	4		
10	A	C	M	8/11/01	31	8/16/01	5		
11	A	C	M	8/18/01	38	8/19/01	1		

Proportion Emerged: 0.92 Average Days To Emergence 29.2 Average Days to Mortality 3.5

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	8/5/01	5		
2	A	C	M	8/1/01	21	8/4/01	3		
3	A	C	F	8/3/01	23	8/5/01	2	8/3/01	20040E1
4	A	C	F	8/4/01	24	8/6/01	2	8/4/01	20040F1
5	A	C	F	8/5/01	25	8/6/01	1	8/5/01	20040D2
6	A	C	M	8/8/01	28	8/13/01	5		

Proportion Emerged: 0.50 Average Days To Emergence 23.5 Average Days to Mortality 3.0

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	8/6/01	6		
2	A	C	M	8/1/01	21	8/1/01	0		
3	A	C	F	8/2/01	22	8/5/01	3	8/2/01	20040D1
4	A	C	F	8/2/01	22	8/4/01	2	8/2/01	20040E2
5	A	C	F	8/4/01	24	8/5/01	1	8/4/01	20040C1
6	A	C	F	8/6/01	26	8/10/01	4	8/6/01	20040B7
7	A	C	M	8/8/01	28	8/11/01	3		
8	A	C	M	8/9/01	29	8/12/01	3		
9	A	C	M	8/11/01	31	8/15/01	4		

Proportion Emerged: 0.75 Average Days To Emergence 24.8 Average Days to Mortality 2.9

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Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020040 Sample Name: D03429 IPSD-TTSA01-06 Method: 100.5SGR

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	M	7/30/01	19	7/30/01	0		
3	A	C	M	8/1/01	21	8/4/01	3		
4	A	C	F	8/2/01	22	8/2/01	0		
5	A	C	F	8/4/01	24	8/6/01	2	8/4/01	20040H3
6	A	C	M	8/6/01	26	8/10/01	4		
7	A	C	M	8/9/01	29	8/9/01	0		
8	A	C	F	8/10/01	30	8/15/01	5	8/10/01	20040D7

Proportion Emerged: 0.67 Average Days To Emergence 24.4 Average Days to Mortality 2.0

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/30/01	19	8/3/01	4		
2	A	C	M	7/30/01	19	8/3/01	4		
3	A	C	M	8/2/01	22	8/7/01	5		
4	A	C	F	8/2/01	22	8/4/01	2	8/2/01	20040H3
5	A	C	F	8/3/01	23	8/8/01	5	8/3/01	20040H6
6	A	C	M	8/3/01	23	8/5/01	2		
7	A	C	F	8/5/01	25	8/7/01	2	8/5/01	20040A3
8	A	C	M	8/6/01	26	8/10/01	4		

Proportion Emerged: 0.67 Average Days To Emergence 22.4 Average Days to Mortality 3.5

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Wilmington, MA 01887-1062

Sample ID: 020041 Sample Name: D03476 IPSD-TTSD01-06 Method: 100.5SGR

Replicate: A

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/1/01	21	8/4/01	3	8/1/01	20041C3
2	A	C	F	8/3/01	23	8/4/01	1	8/3/01	20041E2
3	A	C	F	8/5/01	25	8/6/01	1	8/5/01	20041D6
4	A	C	F	8/9/01	29	8/10/01	1	8/9/01	20041C7
5	A	C	F	8/10/01	30	8/10/01	0		

Proportion Emerged: 0.42 Average Days To Emergence 25.6 Average Days to Mortality 1.2

Replicate: B

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/4/01	24	8/6/01	2	8/4/01	20041D5
2	A	C	M	8/4/01	24	8/4/01	0		
3	A	C	F	8/6/01	26	8/9/01	3	8/6/01	20041D5
4	A	C	F	8/7/01	27	8/9/01	2	8/7/01	20041C7
5	A	C	F	8/13/01	33	8/14/01	1	8/13/01	20041N

Proportion Emerged: 0.42 Average Days To Emergence 26.8 Average Days to Mortality 1.6

Replicate: C

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	E							
3	A	C	M	8/1/01	21	8/9/01	8		
4	A	C	M	8/1/01	21	8/1/01	0		
5	A	C	M	8/2/01	22	8/2/01	0		
6	A	C	M	8/2/01	22	8/5/01	3		
7	A	C	M	8/7/01	27	8/11/01	4		

Proportion Emerged: 0.58 Average Days To Emergence 22.6 Average Days to Mortality 3.0

Emergence Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/4/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 020041 Sample Name: D03476 IPSD-TTSD01-06 Method: 100.5SGR

Replicate: D

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/2/01	22	8/2/01	0		
2	A	C	F	8/2/01	22	8/2/01	0		
3	A	C	F	8/3/01	23	8/7/01	4	8/3/01	20041E3
4	A	C	F	8/4/01	24	8/4/01	0		
5	A	C	M	8/4/01	24	8/9/01	5		
6	A	C	M	8/4/01	24	8/8/01	4		
7	A	C	F	8/7/01	27	8/9/01	2	8/7/01	20041E3

Proportion Emerged: 0.58 Average Days To Emergence 23.7 Average Days to Mortality 2.1

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	8/5/01	5		
2	A	C	M	8/1/01	21	8/6/01	5		
3	A	C	M	8/3/01	23	8/9/01	6		
4	A	C	M	8/5/01	25	8/7/01	2		
5	A	C	M	8/6/01	26	8/10/01	4		
6	A	C	F	8/6/01	26	8/8/01	2	8/6/01	20041E5
7	A	C	F	8/6/01	26	8/10/01	4	8/6/01	20041E5

Proportion Emerged: 0.58 Average Days To Emergence 23.9 Average Days to Mortality 4.0

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/1/01	21	8/1/01	0		
2	A	C	F	8/1/01	21	8/7/01	6	8/1/01	20041E2
3	A	C	M	8/2/01	22	8/3/01	1		
4	A	C	F	8/3/01	23	8/7/01	4	8/3/01, 8/5/01	20041F5, 20041F7
5	A	C	M	8/3/01	23	8/5/01	2		
6	A	C	F	8/4/01	24	8/9/01	5	8/4/01	20041D6
7	A	C	M	8/5/01	25	8/10/01	5		
8	A	C	M	8/10/01	30	8/15/01	5		

Proportion Emerged: 0.67 Average Days To Emergence 23.6 Average Days to Mortality 3.5

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Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Wilmington, MA 01887-1062

Sample ID: 020041 Sample Name: D03476 IPSD-TTSD01-06 Method: 100.5SGR

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	F	8/2/01	22	8/7/01	5	8/2/01, 8/5/01	20041C6, 20041E4
3	A	C	F	8/5/01	25	8/6/01	1	8/5/01	20041D5
4	A	C	F	8/7/01	27	8/10/01	3	8/7/01	20041F7
5	A	C	F	8/9/01	29	8/11/01	2	8/9/01	20041F7
6	A	C	M	8/10/01	30	8/14/01	4		
7	A	C	F	8/11/01	31	8/11/01	0		

Proportion Emerged: 0.58 Average Days To Emergence 27.3 Average Days to Mortality 2.5

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	F	8/6/01	26	8/8/01	2	8/6/01	20041D6
3	A	C	F	8/6/01	26	8/12/01	6	8/6/01	20041H4
4	A	C	M	8/6/01	26	8/10/01	4		
5	A	C	F	8/7/01	27	8/11/01	4	8/7/01	20041H6
6	A	C	M	8/7/01	27	8/12/01	5		

Proportion Emerged: 0.50 Average Days To Emergence 26.4 Average Days to Mortality 4.2

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Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020072 Sample Name: D03486 IPSD-TT04-0626 Method: 100.5SGR

Replicate: A

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	E							
3	A	C	M	8/1/01	21	8/7/01	6		
4	A	C	F	8/2/01	22	8/5/01	3	8/2/01	20072D4
5	A	C	F	8/2/01	22	8/6/01	4	8/2/01	20072D5
Proportion Emerged:		0.42	Average Days To Emergence		21.7	Average Days to Mortality		4.3	

Replicate: B

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	7/31/01	20	8/5/01	5	7/31/01	20072B2
2	A	C	M	7/31/01	20	8/7/01	7		
3	A	C	M	7/31/01	20	8/6/01	6		
4	A	C	F	8/2/01	22	8/3/01	1	8/2/01	20072G5
5	A	C	F	8/2/01	22	8/5/01	3	8/2/01	20072G6
6	A	C	M	8/5/01	25	8/5/01	0		
Proportion Emerged:		0.50	Average Days To Emergence		21.5	Average Days to Mortality		3.7	

Replicate: C

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	8/8/01	8		
2	A	C	F	8/2/01	22	8/7/01	5	8/2/01	20072G3
3	A	C	F	8/3/01	23	8/7/01	4	8/3/01, 8/5/01	20072C4, 20072G8
4	A	C	M	8/3/01	23	8/5/01	2		
5	A	C	F	8/6/01	26	8/7/01	1	8/6/01	20072E6
6	A	C	F	8/7/01	27	8/8/01	1		
Proportion Emerged:		0.50	Average Days To Emergence		23.5	Average Days to Mortality		3.5	

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020072 Sample Name: D03486 IPSD-TT04-0626 Method: 100.5SGR

Replicate: D

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	7/31/01	20	8/2/01	2	7/31/01	20072D2
2	A	C	M	7/31/01	20	8/3/01	3		
3	A	C	M	8/1/01	21	8/2/01	1		
4	A	C	M	8/1/01	21	8/6/01	5		
5	A	C	M	8/1/01	21	8/5/01	4		
6	A	C	M	8/3/01	23	8/8/01	5		
7	A	C	F	8/7/01	27	8/10/01	3	8/7/01	20072E6
8	A	C	M	8/8/01	28	8/15/01	7		
Proportion Emerged:		0.67	Average Days To Emergence		22.6	Average Days to Mortality		3.8	

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	7/31/01	0		
2	A	C	M	8/1/01	21	8/5/01	4		
3	A	C	M	8/1/01	21	8/7/01	6		
4	A	C	F	8/2/01	22	8/3/01	1	8/2/01	20072G4
5	A	C	F	8/3/01	23	8/7/01	4	8/3/01	20072D6
6	A	C	M	8/6/01	26	8/13/01	7		
7	A	C	F	8/8/01	28	8/10/01	2		
Proportion Emerged:		0.58	Average Days To Emergence		23.0	Average Days to Mortality		3.4	

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	7/31/01	20	8/1/01	1	7/31/01	20072F2
2	A	C	M	7/31/01	20	8/7/01	7		
3	A	C	M	8/1/01	21	8/1/01	0		
4	A	C	F	8/2/01	22	8/3/01	1	8/2/01	20072H3
5	A	C	F	8/3/01	23	8/4/01	1	8/3/01	20072E2
Proportion Emerged:		0.42	Average Days To Emergence		21.2	Average Days to Mortality		2.0	

000073

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020072 Sample Name: D03486 IPSD-TT04-0626 Method: 100.5SGR

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	M	7/30/01	19	8/6/01	7		
3	A	C	M	8/1/01	21	8/8/01	7		
4	A	C	M	8/2/01	22	8/6/01	4		
5	A	C	M	8/2/01	22	8/7/01	5		
6	A	C	M	8/2/01	22	8/5/01	3		
7	A	C	F	8/3/01	23	8/4/01	1	8/3/01	20072G5
8	A	C	M	8/4/01	24	8/9/01	5		

Proportion Emerged: 0.67 Average Days To Emergence 21.9 Average Days to Mortality 4.6

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/1/01	21	8/1/01	0		
2	A	C	M	8/1/01	21	8/6/01	5		
3	A	C	M	8/1/01	21	8/5/01	4		
4	A	C	F	8/2/01	22	8/4/01	2	8/2/01	20072H2
5	A	C	F	8/3/01	23	8/3/01	0		
6	A	C	F	8/4/01	24	8/7/01	3	8/4/01	20072G8

Proportion Emerged: 0.50 Average Days To Emergence 22.0 Average Days to Mortality 2.3

000074

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Wilmington, MA 01887-1062

Sample ID: 020073 Sample Name: D03491 IPSD-HB00-0626 Method: 100.5SGR

Replicate: A

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing	
0		N								
Proportion Emerged:		0.00	Average Days To Emergence				Average Days to Mortality			

Replicate: B

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing	
1	A	C	M	7/30/01	19	7/30/01	0			
2	A	C	F	7/31/01	20	8/7/01	7	7/31/01	20073C1	
3	A	C	M	8/1/01	21	8/1/01	0			
4	A	C	F	8/2/01	22	8/2/01	0			
Proportion Emerged:		0.33	Average Days To Emergence				20.5	Average Days to Mortality 1.8		

Replicate: C

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing	
1	A	C	M	7/31/01	20	8/7/01	7			
2	A	C	F	8/2/01	22	8/4/01	2	8/2/01	20073D1	
3	A	C	F	8/2/01	22	8/4/01	2	8/2/01	20073D1	
Proportion Emerged:		0.25	Average Days To Emergence				21.3	Average Days to Mortality 3.7		

Replicate: D

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing	
1	A	C	M	8/1/01	21	8/5/01	4			
2	A	C	M	8/4/01	24	8/9/01	5			
3	A	C	F	8/6/01	26	8/9/01	3	8/6/01	20073D2	
4	A	C	M	8/7/01	27	8/15/01	8			
Proportion Emerged:		0.33	Average Days To Emergence				24.5	Average Days to Mortality 5.0		

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing	
0		N								
Proportion Emerged:		0.00	Average Days To Emergence				Average Days to Mortality			

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020073 Sample Name: D03491 IPSD-HB00-0626 Method: 100.5SGR

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
0		N							
Proportion Emerged:		0.00	Average Days To Emergence			Average Days to Mortality			

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
0		N							
Proportion Emerged:		0.00	Average Days To Emergence			Average Days to Mortality			

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	F	7/31/01	20	8/2/01	2	8/1/01	20073C1
3	A	C	M	8/1/01	21	8/1/01	0		
Proportion Emerged:		0.25	Average Days To Emergence			20.5	Average Days to Mortality		1.0

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020074 Sample Name: D03496 IPSD-TT0603-06 Method: 100.5SGR

Replicate: A

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	8/5/01	5		
2	A	C	F	8/5/01	25	8/7/01	2		
3	A	C	M	8/10/01	30	8/13/01	3		

Proportion Emerged: 0.25 Average Days To Emergence 25.0 Average Days to Mortality 3.3

Replicate: B

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
0		N							

Proportion Emerged: 0.00 Average Days To Emergence Average Days to Mortality

Replicate: C

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/10/01	30	8/15/01	5	8/10/01,8/13/01	20074A3,20074C2
2	A	C	M	8/11/01	31	8/18/01	7		

Proportion Emerged: 0.17 Average Days To Emergence 30.5 Average Days to Mortality 6.0

Replicate: D

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/8/01	28	8/9/01	1		

Proportion Emerged: 0.08 Average Days To Emergence 28.0 Average Days to Mortality 1.0

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/2/01	22	8/6/01	4		
2	A	C	F	8/3/01	23	8/6/01	3		
3	L								
4	L								

Proportion Emerged: 0.17 Average Days To Emergence 22.5 Average Days to Mortality 3.5

Emergence Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/4/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 020074 Sample Name: D03496 IPSD-TT0603-06 Method: 100.5SGR

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
0		N							
Proportion Emerged:		0.00	Average Days To Emergence			Average Days to Mortality			

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
0		N							
Proportion Emerged:		0.00	Average Days To Emergence			Average Days to Mortality			

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/2/01	22	8/5/01	3	8/2/01	20074A1
Proportion Emerged:		0.08	Average Days To Emergence			22.0	Average Days to Mortality		3.0

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-322

Sample ID: 020118 Sample Name: D03504 IPSD-TTUF02-06 Method: 100.5SGR

Replicate: A

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/30/01	19	8/4/01	5		
2	A	C	F	8/2/01	22	8/5/01	3	8/2/01	20118E1
3	A	C	F	8/4/01	24	8/7/01	3	8/4/01, 8/5/01	20118A4, 20118C1
4	A	C	M	8/4/01	24	8/5/01	1		
5	A	C	F	8/8/01	28	8/10/01	2	8/9/01	20118E2
Proportion Emerged:		0.42	Average Days To Emergence		23.4	Average Days to Mortality		2.8	

Replicate: B

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/1/01	21	8/1/01	0		
2	A	C	M	8/1/01	21	8/6/01	5		
3	A	C	F	8/2/01	22	8/2/01	0		
4	A	C	F	8/3/01	23	8/5/01	2	8/3/01	20118D2
5	A	C	F	8/3/01	23	8/6/01	3	8/3/01	20118D2
6	A	C	F	8/11/01	31	8/11/01	0		
Proportion Emerged:		0.50	Average Days To Emergence		23.5	Average Days to Mortality		1.7	

Replicate: C

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/4/01	24	8/7/01	3		
2	A	C	F	8/13/01	33	8/18/01	5	8/13/01	20118M
3	A	C	F	8/18/01	38	8/22/01	4	8/18/01	20118M
4	A	C	M	8/19/01	39	8/23/01	4		
5	A	C	F	8/23/01	43	8/27/01	4	8/23/01	20118P
Proportion Emerged:		0.42	Average Days To Emergence		35.4	Average Days to Mortality		4.0	

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Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-322

Sample ID: 020118 Sample Name: D03504 IPSD-TTUF02-06 Method: 100.5SGR

Replicate: D

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	7/31/01	20	8/4/01	4	7/31/01	20118A1
2	A	C	M	8/1/01	21	8/7/01	6		
3	A	C	F	8/4/01	24	8/8/01	4	8/4/01	20118C1
4	A	C	M	8/7/01	27	8/7/01	0		
5	A	C	F	8/12/01	32	8/17/01	5	8/12/01, 8/16/01	20118H5, 20118O

Proportion Emerged: 0.42 Average Days To Emergence 24.8 Average Days to Mortality 3.8

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/2/01	22	8/6/01	4		
2	A	C	M	8/6/01	26	8/10/01	4		
3	A	C	F	8/7/01	27	8/9/01	2	8/7/01	20118E2
4	A	C	F	8/7/01	27	8/7/01	0		
5	A	C	M	8/10/01	30	8/14/01	4		
6	A	C	F	8/13/01	33	8/18/01	5	8/13/01	20118O
7	A	C	F	8/15/01	35	8/15/01	0		
8	A	C	F	8/21/01	41	8/25/01	4	8/21/01	20118O
9	A	C	M	8/26/01	46	9/2/01	7		
10	A	C	M	8/29/01	49	8/29/01	0		

Proportion Emerged: 0.83 Average Days To Emergence 33.6 Average Days to Mortality 3.0

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	7/31/01	20	8/5/01	5	8/1/01	20118A1
2	A	C	F	8/2/01	22	8/5/01	3	8/2/01	20118B2

Proportion Emerged: 0.17 Average Days To Emergence 21.0 Average Days to Mortality 4.0

000080

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-322

Sample ID: 020118 Sample Name: D03504 IPSD-TTUF02-06 Method: 100.5SGR

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/1/01	21	8/7/01	6		
2	A	C	M	8/1/01	21	8/7/01	6		
3	A	C	F	8/1/01	21	8/2/01	1	8/1/01	20118G2
4	A	C	F	8/3/01	23	8/7/01	4	8/3/01	20118G2
5	A	C	F	8/3/01	23	8/3/01	0		
6	A	C	F	8/7/01	27	8/7/01	0		
Proportion Emerged:		0.50	Average Days To Emergence		22.7	Average Days to Mortality		2.8	

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	7/31/01	0		
2	A	C	F	8/1/01	21			8/1/01	20118G1
3	A	C	M	8/2/01	22	8/2/01	0		
4	A	C	M	8/2/01	22	8/2/01	0		
5	A	C	M	8/12/01	32	8/16/01	4		
Proportion Emerged:		0.42	Average Days To Emergence		23.4	Average Days to Mortality		1.0	

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0000615

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-322

Sample ID: 020119 Sample Name: D03510 IPSD-TTUF03-06 Method: 100.5SGR

Replicate: A

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	E							
2	A	C	M	8/1/01	21	8/9/01	8		
3	A	C	M	8/6/01	26	8/6/01	0		
4	A	C	F	8/6/01	26	8/6/01	0		

Proportion Emerged: 0.33 Average Days To Emergence 24.3 Average Days to Mortality 2.7

Replicate: B

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/5/01	25	8/7/01	2	8/5/01	20119D2

Proportion Emerged: 0.08 Average Days To Emergence 25.0 Average Days to Mortality 2.0

Replicate: C

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/8/01	28	8/10/01	2	8/8/01	20119M

Proportion Emerged: 0.08 Average Days To Emergence 28.0 Average Days to Mortality 2.0

Replicate: D

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/4/01	24	8/4/01	0		
2	A	C	M	8/4/01	24	8/8/01	4		
3	A	C	F	8/5/01	25	8/9/01	4	8/5/01, 8/7/01	20119G3, 20119H2

Proportion Emerged: 0.25 Average Days To Emergence 24.3 Average Days to Mortality 2.7

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-322

Wilmington, MA 01887-1062

Sample ID: 020119 Sample Name: D03510 IPSD-TTUF03-06 Method: 100.5SGR

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/16/01	36	8/22/01	6	8/16/01	201190
2	A	C	F	8/16/01	36	8/17/01	1	8/16/01	201190
3	A	C	F	8/19/01	39	8/22/01	3	8/19/01	20119N
4	A	C	M	8/21/01	41	8/25/01	4		
5	A	C	M	8/26/01	46	9/2/01	7		

Proportion Emerged: 0.42 Average Days To Emergence 39.6 Average Days to Mortality 4.2

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/1/01	21	8/4/01	3	8/1/01	20119G1
2	A	C	M	8/1/01	21	8/1/01	0		
3	A	C	F	8/5/01	25	8/9/01	4	8/5/01	20119G1

Proportion Emerged: 0.25 Average Days To Emergence 22.3 Average Days to Mortality 2.3

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/1/01	21	8/8/01	7		
2	A	C	F	8/3/01	23	8/5/01	2	8/3/01	20119G3
3	A	C	M	8/3/01	23	8/7/01	4		
4	A	C	M	8/7/01	27	8/13/01	6		

Proportion Emerged: 0.33 Average Days To Emergence 23.5 Average Days to Mortality 4.8

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	F	8/4/01	24	8/9/01	5		20119D2
2	A	C	M	8/7/01	27	8/9/01	2		
3	A	C	F	8/8/01	28	8/10/01	2	8/8/01	20119G4
4	A	C	F	8/11/01	31	8/16/01	5	8/11/01	20119G4

Proportion Emerged: 0.33 Average Days To Emergence 27.5 Average Days to Mortality 3.5

Emergence Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/4/01
 Project: 01032
 SDG 5286
 Site: N0564-322

Sample ID: 020182 Sample Name: Control Method: 100.5SGR

Replicate: A

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/1/01	21	8/6/01	5		
2	A	C	F	8/2/01	22	8/2/01	0		
3	A	C	F	8/4/01	24	8/9/01	5	8/4/01	20182A5
4	A	C	F	8/4/01	24	8/13/01	9	8/4/01	20182A5
5	A	C	M	8/4/01	24	8/9/01	5		
6	A	C	M	8/7/01	27	8/11/01	4		

Proportion Emerged: 0.50 Average Days To Emergence 23.7 Average Days to Mortality 4.7

Replicate: B

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	7/31/01	0		
2	A	C	M	8/1/01	21	8/1/01	0		
3	A	C	M	8/1/01	21	8/6/01	5		
4	A	E							
5	A	C	F	8/9/01	29	8/12/01	3	8/9/01, 8/10/01	20182G2, 20182M
6	A	C	M	9/4/01	55	9/8/01	4		

Proportion Emerged: 0.50 Average Days To Emergence 29.2 Average Days to Mortality 2.4

Replicate: C

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/1/01	21	8/8/01	7		
2	A	C	M	8/2/01	22	8/6/01	4		
3	A	C	M	8/2/01	22	8/3/01	1		
4	A	C	F	8/6/01	26	8/15/01	9	8/9/01	20182A6
5	A	C	F	8/10/01	30	8/12/01	2	8/10/01	20182M
6	A	C	F	8/13/01	33	8/19/01	6	8/13/01	20182P
7	A	C	M	8/17/01	37	8/18/01	1		

Proportion Emerged: 0.58 Average Days To Emergence 27.3 Average Days to Mortality 4.3

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Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-322

Wilmington, MA 01887-1062

Sample ID: 020182 Sample Name: Control Method: 100.5SGR

Replicate: D

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/1/01	21	8/7/01	6		
2	A	C	F	8/2/01	22	8/2/01	0		
3	A	C	F	8/2/01	22	8/5/01	3	8/2/01	20182D4
4	A	C	M	8/2/01	22	8/9/01	7		
5	A	C	M	8/4/01	24	8/9/01	5		
6	A	C	M	8/4/01	24	8/4/01	0		
7	A	P	M	8/4/01	24	8/4/01	0		
8	L								
9	L								

Proportion Emerged: 0.50 Average Days To Emergence 22.7 Average Days to Mortality 3.0

Replicate: E

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	8/1/01	1		
2	A	P	M	8/7/01	27	8/7/01	0		
3	A	C	F	8/16/01	36	8/16/01	0		

Proportion Emerged: 0.17 Average Days To Emergence 27.7 Average Days to Mortality 0.3

Replicate: F

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/30/01	19	8/3/01	4		

Proportion Emerged: 0.08 Average Days To Emergence 19.0 Average Days to Mortality 4.0

000085

Emergence Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/4/01
Project: 01032
SDG 5286
Site: N0564-322

Sample ID: 020182

Sample Name: Control

Method: 100.5SGR

Replicate: G

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	8/1/01	21	8/5/01	4		
2	A	C	M	8/2/01	22	8/10/01	8		
3	A	C	F	8/3/01	23	8/9/01	6	8/3/01	20182G4
4	A	C	M	8/3/01	23	8/7/01	4		
5	A	C	F	8/4/01	24	8/5/01	1	8/4/01	20182G6
6	A	C	M	8/4/01	24	8/9/01	5		
7	A	C	F	8/5/01	25	8/10/01	5	8/5/01	20182D5
8	A	C	F	8/5/01	25	8/7/01	2	8/5/01	20182G6
9	A	C	F	8/6/01	26	8/9/01	3	8/6/01	20182G2

Proportion Emerged: 0.75

Average Days To Emergence 23.7

Average Days to Mortality 4.2

Replicate: H

Larvae Number	Life Stage	Emergence Status	Sex:	Date Emerged	Days to Emergence	Date Died	Days To Mortality	Date(s) Paired	Male Pairing
1	A	C	M	7/31/01	20	8/3/01	3		
2	A	C	M	8/1/01	21	8/6/01	5		
3	A	C	M	8/2/01	22	8/3/01	1		
4	A	C	F	8/3/01	23	8/7/01	4	8/3/01	20182H2
5	A	C	M	8/10/01	30	8/11/01	1		

Proportion Emerged: 0.42

Average Days To Emergence 23.2

Average Days to Mortality 2.8

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 019971 Sample Name: D03193 IPSD-WHO7-061 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/25/01	R	12	15	16	18	20	49	794	A		0	
5	7/25/01	R	12	14	15	14	11	27	356		5	351	
7	7/25/01	R	16	20	26	21	20	89	1833		34	1799	
9	8/1/01	D							475		0	475	

Mean Eggs Produced per Female: 865 Mean Eggs Hatched per Female: 656 Mean Proportion Hatched: 0.74

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
7	7/26/01	R	20	19	24	24	16	82	1689			198	1491

Mean Eggs Produced per Female: 1689 Mean Eggs Hatched per Female: 1491 Mean Proportion Hatched: 0.88

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
9	7/25/01	R	20	18	20	21	14	72	1339			38	1301
12	8/4/01	R	18	18	18	17	17	38	669	A		0	

Mean Eggs Produced per Female: 1004 Mean Eggs Hatched per Female: 651 Mean Proportion Hatched: 0.49

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/28/01	R	16	16	14	20	20	35	602			7	595
3	8/1/01	R	13	18	17	16	14	57	889			40	849
4	8/3/01	A							188				
7	8/4/01	R	12	20	25	22	15	83	1560			37	1523
9	8/5/01	R	16	18	22	24	22	77	1571			158	1413
10	8/5/01	R	18	22	25	26	22	103	2328			48	2280

Mean Eggs Produced per Female: 1190 Mean Eggs Hatched per Female: 1332 Mean Proportion Hatched: 0.96

000087

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Wilmington, MA 01887-1062

Sample ID: 019971 Sample Name: D03193 IPSD-WHO7-061 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/22/01	R	14	20	24	14	18	52	936			40	896

Mean Eggs Produced per Female: 936 Mean Eggs Hatched per Female: 896 Mean Proportion Hatched: 0.96

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/22/01	R	13	22	22	24	13	55	1034			169	865
6	7/24/01	R	21	20	19	23	18	47	949	A			0

Mean Eggs Produced per Female: 992 Mean Eggs Hatched per Female: 433 Mean Proportion Hatched: 0.42

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/24/01	R	18	15	20	18	20	53	965			556	409
5	7/26/01	R	18	20	26	20	19	70	1442			308	1134
8	8/1/01	R	17	19	20	16	14	59	1015			112	903
9	7/30/01	R	17	19	23	21	13	78	1451			47	1404
10	7/31/01	R	12	16	15	16	14	61	891			5	886
11	8/1/01	R	13	10	12	11	13	54	637	A			0
12	7/31/01	R	13	17	22	23	15	73	1314	A			0

Mean Eggs Produced per Female: 1102 Mean Eggs Hatched per Female: 676 Mean Proportion Hatched: 0.58

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
9	8/3/01	A							1004				

Mean Eggs Produced per Female: 1004 Mean Eggs Hatched per Female: Mean Proportion Hatched:

000088

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 019972 Sample Name: D03198 IPSD-TT2201-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/21/01R	R	19	16	19	15	17	78		1342			207	1135
2	7/26/01	R	19	21	25	24	16	62		1302			19	1283
5	7/28/01	R	15	20	21	20	16	64		1178			131	1047
6	7/29/01	R	16	22	25	20	18	76		1535			11	1524
9	8/4/01	A							438					

Mean Eggs Produced per Female: 1159 Mean Eggs Hatched per Female: 1247 Mean Proportion Hatched: 0.93

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
7	8/1/01	R	16	16	18	16	4	84		1176			29	1147
8	8/2/01	R	22	24	22	18	24	94		2068			111	1957

Mean Eggs Produced per Female: 1622 Mean Eggs Hatched per Female: 1552 Mean Proportion Hatched: 0.96

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/30/01	R	14	15	18	15	16	45		702			8	694
5	8/3/01	A							430					
7	8/5/01	A							659					
8	8/10/01	R	10	13	13	11	10	80		912			46	866

Mean Eggs Produced per Female: 678 Mean Eggs Hatched per Female: 780 Mean Proportion Hatched: 0.97

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/26/01	R	18	24	25	22	20	73		1591			26	1565
7	8/4/01	R	14	16	17	16	16	95		1501			215	1286
8	8/5/01	R	20	24	19	24	22	82		1788			2	1786

Mean Eggs Produced per Female: 1627 Mean Eggs Hatched per Female: 1546 Mean Proportion Hatched: 0.95

000089

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 019972 Sample Name: D03198 IPSD-TT2201-06 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched	
4	7/23/01	R	16	16	18	22	18	64		1152			293	859	
5	7/26/01	R	17	22	26	16	16	38		737			2	735	
6	7/24/01	R	16	22	22	17	14	63		1147			166	981	
7	7/27/01	A								590					

Mean Eggs Produced per Female: 906 Mean Eggs Hatched per Female: 858 Mean Proportion Hatched: 0.87

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched	
2	7/24/01	R	16	20	16	16	18	70		1204			17	1187	
3	7/25/01	R	18	20	22	24	16	50		1000			0	1000	
4	7/26/01	R	12	20	14	14	17	67		1032			35	997	
5	7/28/01	R	18	22	22	24	21	73		1562			21	1541	
6	8/1/01	R	12	18	17	17	13	59		909			0	909	
7	8/2/01	A								262					
8	8/1/01	R	15	18	19	20	13	89		1513			43	1470	

Mean Eggs Produced per Female: 1069 Mean Eggs Hatched per Female: 1184 Mean Proportion Hatched: 0.99

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched	
2	8/3/01	R	14	14	18	13	8	34		456			452	4	
4	8/4/01	R	16	18	19	19	14	99		1703			34	1669	
6	8/7/01	A								484					
8	8/11/01	R	16	20	23	20	9	99		1742	A			0	

Mean Eggs Produced per Female: 1096 Mean Eggs Hatched per Female: 557 Mean Proportion Hatched: 0.33



Egg Production Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/8/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 019972 Sample Name: D03198 IPSD-TT2201-06 Method: 100.5SGR

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/26/01	R	14	20	22	16	15	44	766		7	759	
8	7/30/01	R	19	20	22	20	18	51	1010		16	994	
9	8/3/01	R	11	11	15	20	8	54	702		7	695	
10	8/1/01	R	15	19	20	19	16	65	1157		5	1152	
11	8/2/01	R	20	18	16	18	22	92	1730		76	1654	

Mean Eggs Produced per Female: 1073 Mean Eggs Hatched per Female: 1051 Mean Proportion Hatched: 0.98

000091

Egg Production Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/8/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 019981 Sample Name: D03201 IPSD-TT1203-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/28/01	A							388				
6	8/1/01	R	17	20	20	18	18	57	1060			21	1039
7	8/3/01	R	10	13	14	15	13	81	1053			56	997

Mean Eggs Produced per Female: 834 Mean Eggs Hatched per Female: 1018 Mean Proportion Hatched: 0.96

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/25/01	R	13	19	22	22	16	96	1766			354	1412
4	8/4/01	R	12	21	23	21	16	99	1841			32	1809
5	8/4/01	R	13	17	20	19	12	122	1976			17	1959

Mean Eggs Produced per Female: 1861 Mean Eggs Hatched per Female: 1727 Mean Proportion Hatched: 0.92

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/26/01	R	16	21	16	18	20	84	1529			33	1496
6	7/29/01	R	18	23	26	20	19	80	1696			180	1516

Mean Eggs Produced per Female: 1612 Mean Eggs Hatched per Female: 1506 Mean Proportion Hatched: 0.94

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/24/01	R	21	24	20	20	17	66	1346		A		0
3	7/25/01	R	20	21	20	24	22	76	1626			266	1360
4	7/25/01	R	18	25	21	26	22	93	2083			319	1764

Mean Eggs Produced per Female: 1685 Mean Eggs Hatched per Female: 1042 Mean Proportion Hatched: 0.56

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Egg Production Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/8/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 019981 Sample Name: D03201 IPSD-TT1203-06 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/2/01	A			432				

Mean Eggs Produced per Female: 432 Mean Eggs Hatched per Female: Mean Proportion Hatched:

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/23/01	A			397				

Mean Eggs Produced per Female: 397 Mean Eggs Hatched per Female: Mean Proportion Hatched:

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/31/01	R	19 21 18 18 19	62	1178		19	1159	
5	8/5/01	R	18 20 20 24 23	63	1323		90	1233	
6	8/8/01	R	16 18 20 18 21	63	1172		100	1072	
9	8/14/01	R	18 16 20 16 17	48	835		156	679	

Mean Eggs Produced per Female: 1127 Mean Eggs Hatched per Female: 1036 Mean Proportion Hatched: 0.91

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/29/01	R	19 24 26 22 21	72	1613		71	1542	
2	7/31/01	R	16 17 18 18 16	49	833		18	815	
3	8/2/01	R	22 20 19 18 24	80	1648		0	1648	
4	8/3/01	R	8 14 19 16 14	114	1619		39	1580	

Mean Eggs Produced per Female: 1428 Mean Eggs Hatched per Female: 1396 Mean Proportion Hatched: 0.98

000093

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 019982 Sample Name: D03206 IPSD-TT2903-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/25/01	R	19	21	24	24	20	85	1836			266	1570
5	8/1/01	R	19	19	22	25	20	68	1428	A			0

Mean Eggs Produced per Female: 1632 Mean Eggs Hatched per Female: 785 Mean Proportion Hatched: 0.43

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
7	8/4/01	A						619					

Mean Eggs Produced per Female: 619 Mean Eggs Hatched per Female: Mean Proportion Hatched:

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/25/01	R	17	19	21	20	18	61	1159			187	972
4	7/26/01	R	18	22	26	20	22	88	1901			25	1876
5	7/29/01	A						619					
6	7/31/01	R	15	15	15	15	15	64	960			6	954

Mean Eggs Produced per Female: 1160 Mean Eggs Hatched per Female: 1267 Mean Proportion Hatched: 0.94

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/27/01	R	18	19	22	24	19	54	1102			486	616
7	8/8/01	R	20	22	24	23	12	52	1050			329	721
8	8/10/01	A						855					
9	8/11/01	R	14	21	22	21	18	89	1709			71	1638

Mean Eggs Produced per Female: 1179 Mean Eggs Hatched per Female: 992 Mean Proportion Hatched: 0.73

000094

Egg Production Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/8/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 019982 Sample Name: D03206 IPSD-TT2903-06 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/5/01	R	20	18	17	18	20	57	1060			107	953
4	8/9/01	R	20	21	17	20	19	75	1455			34	1421
6	8/13/01	R	24	22	21	20	23	71	1562			309	1253
8	8/18/01	R	20	17	20	22	21	58	1160			124	1036

Mean Eggs Produced per Female: 1309 Mean Eggs Hatched per Female: 1166 Mean Proportion Hatched: 0.89

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
5	7/28/01	D							215			48	167

Mean Eggs Produced per Female: 215 Mean Eggs Hatched per Female: 167 Mean Proportion Hatched: 0.78

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/26/01	R	16	18	22	26	22	86	1789			168	1621

Mean Eggs Produced per Female: 1789 Mean Eggs Hatched per Female: 1621 Mean Proportion Hatched: 0.91

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
6	7/31/01	R	15	19	20	19	14	102	1775			10	1765
7	8/1/01	R	13	18	18	21	16	102	1754			44	1710

Mean Eggs Produced per Female: 1765 Mean Eggs Hatched per Female: 1738 Mean Proportion Hatched: 0.98

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 019983 Sample Name: D03211 IPSD-TT1901-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/27/01	A								947			0	
3	7/28/01	R	23	22	24	22	17	52			1123	A		0
7	8/2/01	R	22	20	26	24	26	85			2006		278	1728

Mean Eggs Produced per Female: 1359 Mean Eggs Hatched per Female: 864 Mean Proportion Hatched: 0.43

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/25/01	R	18	20	20	24	19	73			1475		262	1213
7	7/30/01	R	23	20	23	23	23	65			1456		22	1434
8	8/4/01	R	20	23	21	21	13	116			2274		36	2238
9	8/7/01	R	20	21	18	19	18	42			806		371	435

Mean Eggs Produced per Female: 1503 Mean Eggs Hatched per Female: 1330 Mean Proportion Hatched: 0.83

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/24/01	R	18	20	24	19	18	55			1089		201	888

Mean Eggs Produced per Female: 1089 Mean Eggs Hatched per Female: 888 Mean Proportion Hatched: 0.82

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
6	7/30/01	R	16	19	17	18	17	58			1009		54	955
7	7/30/01	R	19	20	20	21	19	70			1386		80	1306
8	8/4/01	A								898				
9	8/4/01	R	14	14	19	19	14	93			1488		236	1252

Mean Eggs Produced per Female: 1195 Mean Eggs Hatched per Female: 1171 Mean Proportion Hatched: 0.91

000096

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 019983 Sample Name: D03211 IPSD-TT1901-06 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/23/01	D							64		A		0
2	7/22/01	R	14	24	20	24	15	65		1261		132	1129

Mean Eggs Produced per Female: 663 Mean Eggs Hatched per Female: 565 Mean Proportion Hatched: 0.45

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/23/01	A							430				
2	7/28/01	R	14	16	21	18	16	57		969		35	934
3	7/28/01	R	19	20	22	20	18	73		1445		14	1431
4	7/31/01	R	14	15	14	16	14	42		613		15	598
6	8/2/01	R	24	18	26	20	24	94		2106		259	1847
7	8/4/01	R	10	17	17	17	11	19		274		78	196

Mean Eggs Produced per Female: 973 Mean Eggs Hatched per Female: 1001 Mean Proportion Hatched: 0.90

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/25/01	R	20	22	24	22	18	67		1420		256	1164
6	7/31/01	R	13	20	21	19	18	78		1420		6	1414
9	7/31/01	D							250			127	123
10	8/5/01	A							817				

Mean Eggs Produced per Female: 977 Mean Eggs Hatched per Female: 900 Mean Proportion Hatched: 0.77

000097

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020001 Sample Name: D03387 IPSD-TT3302-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/2/01	R	18	20	16	20	20	55	1034			93	941
4	8/8/01	R	9	13	17	13	16	76	1034			138	896

Mean Eggs Produced per Female: 1034 Mean Eggs Hatched per Female: 918 Mean Proportion Hatched: 0.89

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/25/01	R	18	20	17	19	20	55	1034			93	941
6	7/28/01	R	18	21	24	20	18	76	1535			21	1514
8	8/1/01	R	15	20	23	24	17	81	1604			222	1382
10	8/7/01	A						1562					

Mean Eggs Produced per Female: 1434 Mean Eggs Hatched per Female: 1279 Mean Proportion Hatched: 0.92

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
7	8/3/01	R	12	20	21	20	16	66	1175	A		0	
8	8/6/01	R	20	25	20	18	20	64	1318			13	1305
9	8/8/01	R	12	17	16	18	14	89	1371			11	1360

Mean Eggs Produced per Female: 1288 Mean Eggs Hatched per Female: 888 Mean Proportion Hatched: 0.66

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
5	8/1/01	D						114		A		0	
7	8/2/01	R	16	18	20	16	20	100	1800			21	1779
9	8/7/01	R	16	16	19	18	21	45	810			0	810

Mean Eggs Produced per Female: 908 Mean Eggs Hatched per Female: 863 Mean Proportion Hatched: 0.66

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020001 Sample Name: D03387 IPSD-TT3302-06 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/12/01	R	26	27	24	23	24	74		1835		226	1609
6	8/15/01	D							78		A		0
7	8/15/01	R	15	19	19	18	16	55		957	A		0
8	8/15/01	A							344				
9	8/20/01	R	19	21	19	20	18	77		1494		188	1306

Mean Eggs Produced per Female: 942 Mean Eggs Hatched per Female: 729 Mean Proportion Hatched: 0.44

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/28/01	R	20	22	20	24	18	74		1539		190	1349
6	8/20/01	A							1210				

Mean Eggs Produced per Female: 1375 Mean Eggs Hatched per Female: 1349 Mean Proportion Hatched: 0.88

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/5/01	R	18	19	16	18	24	84		1596		172	1424
8	8/15/01	R	16	24	22	22	18	74		1510	A		0
9	8/15/01	R	12	13	15	16	11	57		764	A		0

Mean Eggs Produced per Female: 1290 Mean Eggs Hatched per Female: 475 Mean Proportion Hatched: 0.30

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/30/01	R	11	15	15	14	15	51		714		7	707
6	8/19/01	R	15	18	18	17	15	48		797		184	613

Mean Eggs Produced per Female: 755 Mean Eggs Hatched per Female: 660 Mean Proportion Hatched: 0.88

000099

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020002 Sample Name: D03392 IPSD-TT3202-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/26/01	R	21	24	24	22	18	66		1439			48	1391
3	7/28/01	R	20	22	26	21	20	68		1482			189	1293
4	8/1/01	A							331					

Mean Eggs Produced per Female: 1084 Mean Eggs Hatched per Female: 1342 Mean Proportion Hatched: 0.92

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/29/01	R	16	20	24	21	18	74		1465			267	1198
8	8/10/01	R	15	16	17	19	15	80		1312			92	1220
9	8/10/01	R	15	19	22	20	15	94		1711			479	1232

Mean Eggs Produced per Female: 1496 Mean Eggs Hatched per Female: 1217 Mean Proportion Hatched: 0.82

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/3/01	R	15	22	21	21	18	52		1009			37	972
5	8/9/01	R	14	16	17	15	13	60		900			134	766
6	8/11/01	R	15	18	20	19	12	57		958			284	674

Mean Eggs Produced per Female: 955 Mean Eggs Hatched per Female: 804 Mean Proportion Hatched: 0.84

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/29/01	R	14	21	22	24	17	52		1019			37	982
7	8/8/01	R	14	21	22	21	15	64		1190			11	1179
8	8/13/01	R	20	21	22	21	20	63		1310			7	1303

Mean Eggs Produced per Female: 1173 Mean Eggs Hatched per Female: 1155 Mean Proportion Hatched: 0.98

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020002 Sample Name: D03392 IPSD-TT3202-06 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/1/01	R	11	15	15	14	6	54	659			56	603
3	8/9/01	R	16	14	16	14	15	46	690			112	578
8	8/19/01	R	16	22	22	21	15	73	1402			245	1157
11	8/23/01	R	23	19	20	24	22	60	1296	A			0

Mean Eggs Produced per Female: 1012 Mean Eggs Hatched per Female: 584 Mean Proportion Hatched: 0.64

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/29/01	R	16	20	18	18	14	49	843			149	694
4	8/6/01	R	22	18	20	24	20	46	957	A			0
5	8/5/01	R	18	24	25	24	22	100	2260			64	2196
7	8/10/01	A							1314				
9	8/12/01	R	18	19	20	16	19	123	2263			222	2041
10	8/12/01	R	24	23	22	23	24	65	1508			669	839

Mean Eggs Produced per Female: 1524 Mean Eggs Hatched per Female: 1154 Mean Proportion Hatched: 0.65

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
5	8/7/01	A							1250				
6	8/9/01	D							52			3	49
7	8/18/01	D							283	A			0

Mean Eggs Produced per Female: 528 Mean Eggs Hatched per Female: 25 Mean Proportion Hatched: 0.47

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020002 Sample Name: D03392 IPSD-TT3202-06 Method: 100.5SGR

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched		
7	8/1/01	R	16	17	21	20	15	49	872		147	725		
9	8/13/01	R	24	23	23	22	21	97	2192		298	1894		
Mean Eggs Produced per Female:			1532					Mean Eggs Hatched per Female:			1310		Mean Proportion Hatched:	0.85

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020012 Sample Name: D03396 IPSD-WW06-062 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/25/01	R	18	16	17	18	16	29		493			39	454
4	7/26/01	R	18	24	25	22	23	54		1210			41	1169
8	8/3/01	R	20	20	21	22	16	88		1742			982	760
10	8/3/01	R	10	15	13	15	11	90		1152			152	1000

Mean Eggs Produced per Female: 1149 Mean Eggs Hatched per Female: 846 Mean Proportion Hatched: 0.80

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	7/29/01	R	18	20	20	22	18	58		1137			39	1098
7	8/2/01	A							259					
9	8/2/01	R	22	24	26	26	22	76		1824			14	1810
11	8/3/01	R	10	14	12	18	14	109		1482			4	1478

Mean Eggs Produced per Female: 1176 Mean Eggs Hatched per Female: 1462 Mean Proportion Hatched: 0.99

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
7	7/27/01	R	18	17	19	21	16	74		1347			158	1189
10	8/4/01	A							1584					

Mean Eggs Produced per Female: 1465 Mean Eggs Hatched per Female: 1189 Mean Proportion Hatched: 0.88

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
10	8/3/01	R	8	12	15	12	10	99		1129			37	1092

Mean Eggs Produced per Female: 1129 Mean Eggs Hatched per Female: 1092 Mean Proportion Hatched: 0.97

000103

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020012 Sample Name: D03396 IPSD-WW06-062 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched		
4	7/24/01	R	20	22	24	21	18	46	966		120	846			
6	7/29/01	R	24	22	24	20	20	46	1012		40	972			
Mean Eggs Produced per Female:			989					Mean Eggs Hatched per Female:			909			Mean Proportion Hatched: 0.92	

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched		
4	7/28/01	R	21	22	24	20	16	61	1257		202	1055			
5	7/30/01	R	17	21	20	21	19	58	1137		58	1079			
9	8/3/01	A							1332						
10	8/5/01	A							1065						
Mean Eggs Produced per Female:			1198					Mean Eggs Hatched per Female:			1067			Mean Proportion Hatched: 0.89	

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched		
4	7/25/01	R	20	22	24	26	22	63	1436		97	1339			
5	7/26/01	R	22	23	24	24	18	71	1576		546	1030			
8	7/29/01	R	28	24	20	26	24	83	2025		294	1731			
Mean Eggs Produced per Female:			1679					Mean Eggs Hatched per Female:			1367			Mean Proportion Hatched: 0.81	

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched		
3	7/24/01	R	20	24	22	20	24	58	1276		71	1205			
4	7/29/01	R	16	20	18	18	20	36	662		49	613			
5	7/30/01	R	15	17	16	15	15	54	842		42	800			
6	8/1/01	R	22	23	23	23	22	88	1989		310	1679			
Mean Eggs Produced per Female:			1192					Mean Eggs Hatched per Female:			1074			Mean Proportion Hatched: 0.92	

000104

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020013 Sample Name: D03401 IPSD-TT1802-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/22/01	R	16	21	23	24	20	63	1310			28	1282
5	7/24/01	R	24	22	25	22	24	67	1568			74	1494
6	7/30/01	R	18	20	22	22	21	103	2122			26	2096

Mean Eggs Produced per Female: 1667 Mean Eggs Hatched per Female: 1624 Mean Proportion Hatched: 0.97

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/28/01	D						149			A	0	
2	7/30/01	R	6	12	21	19	15	118	1723			53	1670
4	8/4/01	R	7	11	13	13	16	85	1020			24	996
5	8/8/01	R	13	24	24	26	23	101	2222			5	2217

Mean Eggs Produced per Female: 1278 Mean Eggs Hatched per Female: 1221 Mean Proportion Hatched: 0.74

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/31/01	R	20	21	21	16	17	86	1634			28	1606
5	8/1/01	R	10	11	13	12	10	69	773			19	754

Mean Eggs Produced per Female: 1203 Mean Eggs Hatched per Female: 1180 Mean Proportion Hatched: 0.98

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/8/01	R	19	20	19	20	20	63	1235			22	1213
7	8/12/01	D							998				
8	8/16/01	R	25	21	20	24	23	95	2147			137	2010
10	8/19/01	A							1206				

Mean Eggs Produced per Female: 1396 Mean Eggs Hatched per Female: 1611 Mean Proportion Hatched: 0.96

000105

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Wilmington, MA 01887-1062

Sample ID: 020013 Sample Name: D03401 IPSD-TT1802-06 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/3/01	R	14	14	15	16	13	64		922		93	829

Mean Eggs Produced per Female: 922 Mean Eggs Hatched per Female: 829 Mean Proportion Hatched: 0.90

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/1/01	R	17	20	21	20	15	54		1004		16	988
6	8/5/01	R	22	23	24	20	19	64		1382		14	1368
7	8/7/01	A							407				

Mean Eggs Produced per Female: 931 Mean Eggs Hatched per Female: 1178 Mean Proportion Hatched: 0.99

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/3/01	R	6	8	8	9	9	164		1312		31	1281
5	8/5/01	R	23	18	19	23	25	52		1123		98	1025
8	8/9/01	R	22	22	24	23	26	55		1287		8	1279

Mean Eggs Produced per Female: 1241 Mean Eggs Hatched per Female: 1195 Mean Proportion Hatched: 0.96

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
5	8/2/01	R	22	20	24	26	18	79		1738		37	1701
7	8/10/01	R	13	18	18	18	10	65		1001		211	790
8	8/11/01	R	18	22	19	18	12	73		1299		248	1051

Mean Eggs Produced per Female: 1346 Mean Eggs Hatched per Female: 1181 Mean Proportion Hatched: 0.86

000106

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Wilmington, MA 01887-1062

Sample ID: 020024 Sample Name: D03407 IPSD-TT1002-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/21/01	R	16	22	22	20	22	42		857		0	857

Mean Eggs Produced per Female: 857 Mean Eggs Hatched per Female: 857 Mean Proportion Hatched: 1.00

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/28/01	R	22	24	25	26	20	66		1544		129	1415
5	7/27/01	R	14	18	17	18	15	61		1000	A		0
8	8/1/01	A							1680				

Mean Eggs Produced per Female: 1408 Mean Eggs Hatched per Female: 708 Mean Proportion Hatched: 0.46

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/21/01	D							103			5	98
3	7/25/01	A							369				

Mean Eggs Produced per Female: 236 Mean Eggs Hatched per Female: 98 Mean Proportion Hatched: 0.95

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/28/01	R	20	25	23	20	17	83		1743		972	771
4	7/29/01	A							604				
5	7/29/01	R	24	14	20	16	18	55		1012		14	998
6	8/3/01	A							1087				
8	8/3/01	R	17	16	13	13	11	53		742		75	667
9	8/5/01	R	14	16	18	16	17	32		518		5	513

Mean Eggs Produced per Female: 951 Mean Eggs Hatched per Female: 737 Mean Proportion Hatched: 0.83

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020024 Sample Name: D03407 IPSD-TT1002-06 Method: 100.5SGR

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/2/01	A							979				
4	8/1/01	R	15	19	19	18	16	43		748		3	745
6	8/3/01	R	18	20	21	19	15	81		1507		63	1444
7	8/4/01	R	11	12	12	14	11	47		564		35	529

Mean Eggs Produced per Female: 949

Mean Eggs Hatched per Female: 906

Mean Proportion Hatched: 0.96

000108

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020025 Sample Name: D03412 IPSD-TT1301-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/24/01	R	20	19	21	17	18	59		1121		106	1015	
3	7/25/01	R	20	11	16	18	20	42		714		42	672	
6	8/4/01	R	20	21	22	24	20	79		1691		279	1412	
7	8/7/01	R	16	14	13	12	14	26		359		6	353	
9	8/9/01	R	20	22	20	18	19	95		1881		64	1817	
10	8/11/01	R	10	14	13	13	8	31		360		37	323	

Mean Eggs Produced per Female: 1021 Mean Eggs Hatched per Female: 932 Mean Proportion Hatched: 0.92

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/28/01	R	14	18	20	16	15	42		697		35	662	
3	8/3/01	R	17	21	22	23	19	60		1224		105	1119	
4	8/5/01	R	24	17	18	20	16	89		1691				
5	8/7/01	R	20	16	18	20	15	84		1495		12	1483	
6	8/27/01	A							958					

Mean Eggs Produced per Female: 1213 Mean Eggs Hatched per Female: 1088 Mean Proportion Hatched: 0.95

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/23/01	R	20	21	20	18	19	62		1215		287	928	
6	8/3/01	R	15	19	18	21	18	73		1329		107	1222	
8	8/15/01	A							709					

Mean Eggs Produced per Female: 1084 Mean Eggs Hatched per Female: 1075 Mean Proportion Hatched: 0.84

000109

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020025 Sample Name: D03412 IPSD-TT1301-06 Method: 100.5SGR

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/5/01	R	16	20	24	22	23	37		777		38	739
4	8/10/01	A							283				
6	8/20/01	A							442				

Mean Eggs Produced per Female: 501 Mean Eggs Hatched per Female: 739 Mean Proportion Hatched: 0.95

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/9/01	R	22	18	16	18	19	44		818		36	782
5	8/11/01	R	14	20	18	18	14	89		1495		318	1177
7	8/18/01	R	24	21	24	21	20	112		2464		51	2413

Mean Eggs Produced per Female: 1593 Mean Eggs Hatched per Female: 1458 Mean Proportion Hatched: 0.91

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/24/01	R	20	20	18	20	18	88		1690		411	1279
6	8/3/01	D							304		A		0

Mean Eggs Produced per Female: 997 Mean Eggs Hatched per Female: 639 Mean Proportion Hatched: 0.38

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/23/01	R	18	18	20	16	18	79		1422		60	1362
5	8/2/01	R	24	26	20	24	26	78		1872		176	1696
7	8/7/01	R	22	22	22	20	18	96		1997		147	1850

Mean Eggs Produced per Female: 1764 Mean Eggs Hatched per Female: 1636 Mean Proportion Hatched: 0.93

000110

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020025 Sample Name: D03412 IPSD-TT1301-06 Method: 100.5SGR

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/4/01	R	15	20	23	17	18	39	725	A		0	
5	8/4/01	A							330				
7	8/7/01	A							774				

Mean Eggs Produced per Female: 610 Mean Eggs Hatched per Female: 0 Mean Proportion Hatched: 0.00

Egg Production Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/8/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 020026 Sample Name: D03417 IPSD-TT3001-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/28/01	R	16	22	24	21	18	62	1252		91	1161	
3	7/29/01	R	20	26	24	22	22	64	1459		313	1146	
4	8/3/01	D							83		6	77	
6	8/1/01	R	14	21	18	18	11	85	1394		254	1140	
7	8/5/01	R	24	25	26	23	24	78	1903		145	1758	
8	8/5/01	A							878				

Mean Eggs Produced per Female: 1162 Mean Eggs Hatched per Female: 1057 Mean Proportion Hatched: 0.88

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/23/01	D							36		A	0	
3	7/25/01	R	18	18	20	16	20	99	1822		95	1727	

Mean Eggs Produced per Female: 929 Mean Eggs Hatched per Female: 863 Mean Proportion Hatched: 0.47

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
6	8/3/01	D							715		A	0	
7	8/3/01	A							748				
9	8/2/01	R	22	20	22	18	22	60	1248		73	1175	

Mean Eggs Produced per Female: 904 Mean Eggs Hatched per Female: 588 Mean Proportion Hatched: 0.47

000112

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020026 Sample Name: D03417 IPSD-TT3001-06 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	7/31/01	R	9	14	15	11	8	40		456		4	452	
4	7/31/01	R	16	18	20	16	15	52		884		52	832	
5	8/3/01	R	10	20	16	14	10	50		700		3	697	
7	8/2/01	A							203					

Mean Eggs Produced per Female: 561 Mean Eggs Hatched per Female: 660 Mean Proportion Hatched: 0.98

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/23/01	D							172				162	
4	7/28/01	A							731					
5	7/28/01	R	21	26	26	22	20	94		2162		395	1767	

Mean Eggs Produced per Female: 1022 Mean Eggs Hatched per Female: 965 Mean Proportion Hatched: 0.88

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	7/26/01	R	20	26	20	21	24	31		688		27	661	
4	7/30/01	R	14	21	19	18	15	64		1114		83	1031	
5	8/1/01	R	18	15	17	14	22	74		1273		17	1256	
6	7/31/01	R	19	18	19	20	20	59		1133		46	1087	
7	8/5/01	A							557					

Mean Eggs Produced per Female: 953 Mean Eggs Hatched per Female: 1009 Mean Proportion Hatched: 0.96

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020026 Sample Name: D03417 IPSPD-TT3001-06 Method: 100.5SGR

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/27/01	R	13	18	17	15	16	65		1027		16	1011
4	7/27/01	R	14	16	22	20	18	60		1080		272	808
5	7/28/01	A							224				
7	8/4/01	R	15	21	18	18	16	93		1637		76	1561
9	8/7/01	R	25	23	26	21	16	80		1776		25	1751

Mean Eggs Produced per Female: 1149 Mean Eggs Hatched per Female: 1283 Mean Proportion Hatched: 0.92

Sample ID: 020038 Sample Name: Control Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/5/01	R	18	20	20	18	20	43		826		8	818

Mean Eggs Produced per Female: 826 Mean Eggs Hatched per Female: 818 Mean Proportion Hatched: 0.99

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	7/31/01	R	16	18	18	19	14	57		969		2	967

Mean Eggs Produced per Female: 969 Mean Eggs Hatched per Female: 967 Mean Proportion Hatched: 1.00

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/4/01	R	16	16	17	17	13	61		964		150	814

Mean Eggs Produced per Female: 964 Mean Eggs Hatched per Female: 814 Mean Proportion Hatched: 0.84

000114

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Wilmington, MA 01887-1062

Sample ID: 020039 Sample Name: D03424 IPSD-PPO3-062 Method: 100.5SGR

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/8/01	A							1196				
4	8/11/01	A							1138				

Mean Eggs Produced per Female: 1167 Mean Eggs Hatched per Female: Mean Proportion Hatched:

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
5	8/6/01	R	18	17	20	22	18	91	1729			281	1448
6	8/6/01	R	26	23	20	20	19	62	1339			4	1335

Mean Eggs Produced per Female: 1534 Mean Eggs Hatched per Female: 1392 Mean Proportion Hatched: 0.92

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/7/01	A							583				

Mean Eggs Produced per Female: 583 Mean Eggs Hatched per Female: Mean Proportion Hatched:

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/2/01	R	16	22	16	18	16	55	968			0	968
4	8/4/01	R	24	26	26	23	21	62	1488			3	1485

Mean Eggs Produced per Female: 1228 Mean Eggs Hatched per Female: 1227 Mean Proportion Hatched: 1.00

000115

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020040 Sample Name: D03429 IPSD-TTSA01-06 Method: 100.5SGR

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
9	8/11/01	R	15	15	15	16	14	74		1110		106	1004

Mean Eggs Produced per Female: 1110 Mean Eggs Hatched per Female: 1004 Mean Proportion Hatched: 0.90

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/9/01	R	23	22	20	21	22	61		1318		174	1144
5	8/9/01	R	18	20	22	22	20	98		1999		43	1956

Mean Eggs Produced per Female: 1658 Mean Eggs Hatched per Female: 1550 Mean Proportion Hatched: 0.92

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
8	8/12/01	R	26	24	27	24	25	89		2243		81	2162

Mean Eggs Produced per Female: 2243 Mean Eggs Hatched per Female: 2162 Mean Proportion Hatched: 0.96

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/5/01	D						214				7	207
5	8/8/01	R	13	15	14	12	12	148		1954	A		0

Mean Eggs Produced per Female: 1084 Mean Eggs Hatched per Female: 104 Mean Proportion Hatched: 0.48

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/3/01	A						169				0	
6	8/8/01	R	14	13	17	15	13	64		922		21	901

Mean Eggs Produced per Female: 545 Mean Eggs Hatched per Female: 901 Mean Proportion Hatched: 0.98

000116

Egg Production Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/8/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 020040 Sample Name: D03429 IPSD-TTSA01-06 Method: 100.5SGR

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
8	8/11/01	R	14	14	19	17	14	50	780			102	678

Mean Eggs Produced per Female: 780 Mean Eggs Hatched per Female: 678 Mean Proportion Hatched: 0.87

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/3/01	D						360				1	359
5	8/5/01	R	24	22	22	26	22	74	1717			27	1690

Mean Eggs Produced per Female: 1038 Mean Eggs Hatched per Female: 1024 Mean Proportion Hatched: 0.99

000117

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020041 Sample Name: D03476 IPSD-TTSD01-06 Method: 100.5SGR

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/5/01	R	20	20	22	22	24	106		2290		521	1769

Mean Eggs Produced per Female: 2290 Mean Eggs Hatched per Female: 1769 Mean Proportion Hatched: 0.77

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/4/01	R	13	20	24	19	18	66		1241		277	964
7	8/8/01	R	17	19	19	17	15	135		2349		291	2058

Mean Eggs Produced per Female: 1795 Mean Eggs Hatched per Female: 1511 Mean Proportion Hatched: 0.83

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
7	8/8/01	R	18	23	20	17	14	106		1950		38	1912

Mean Eggs Produced per Female: 1950 Mean Eggs Hatched per Female: 1912 Mean Proportion Hatched: 0.98

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/3/01	R	16	22	19	16	15	48		845		11	834
6	8/5/01	R	24	22	22	20	22	93		2046		188	1858

Mean Eggs Produced per Female: 1445 Mean Eggs Hatched per Female: 1346 Mean Proportion Hatched: 0.95

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/8/01	R	22	19	21	18	15	44		836		14	822
5	8/10/01	R	24	27	24	21	21	74		1732		20	1712

Mean Eggs Produced per Female: 1284 Mean Eggs Hatched per Female: 1267 Mean Proportion Hatched: 0.99

000118

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020041 Sample Name: D03476 IPSD-TTSD01-06 Method: 100.5SGR

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring						Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/8/01	D							160				
3	8/8/01	D							160				
5	8/8/01	R	15	20	23	22	19	83		1643		310	1333
Mean Eggs Produced per Female: 654			Mean Eggs Hatched per Female: 1333						Mean Proportion Hatched: 0.81				

000110

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Wilmington, MA 01887-1062

Sample ID: 020072 Sample Name: D03486 IPSD-TT04-0626 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
5	8/3/01	A							781				

Mean Eggs Produced per Female: 781 Mean Eggs Hatched per Female: Mean Proportion Hatched:

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/1/01	R	20	22	23	22	19	71		1505		106	1399
5	8/4/01	A							76				

Mean Eggs Produced per Female: 791 Mean Eggs Hatched per Female: 1399 Mean Proportion Hatched: 0.93

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/3/01	R	19	20	19	21	18	80	1552			59	1493
3	8/7/01	R	21	22	22	21	22	57	1231			64	1167

Mean Eggs Produced per Female: 1392 Mean Eggs Hatched per Female: 1330 Mean Proportion Hatched: 0.96

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/2/01	D							245		A		0
7	8/10/01	R	9	16	15	12	10	81	1004			1	1003

Mean Eggs Produced per Female: 625 Mean Eggs Hatched per Female: 502 Mean Proportion Hatched: 0.50

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
7	8/9/01	A							677				

Mean Eggs Produced per Female: 677 Mean Eggs Hatched per Female: Mean Proportion Hatched:

000120

Egg Production Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/8/01
 Project: 01032
 SDG 5286
 Site: N0564-0322

Sample ID: 020072 Sample Name: D03486 IPSD-TT04-0626 Method: 100.5SGR

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
7	8/4/01	A			323				

Mean Eggs Produced per Female: 323 Mean Eggs Hatched per Female: Mean Proportion Hatched:

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/4/01	D			64			64	0
6	8/5/01	A			789				

Mean Eggs Produced per Female: 427 Mean Eggs Hatched per Female: 0 Mean Proportion Hatched: 0.00

Sample ID: 020073 Sample Name: D03491 IPSD-HB00-0626 Method: 100.5SGR

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/1/01	R	18 20 18 21 14	68		1238		10	1228

Mean Eggs Produced per Female: 1238 Mean Eggs Hatched per Female: 1228 Mean Proportion Hatched: 0.99

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/4/01	D			190			190	0
3	8/4/01	A			1239				

Mean Eggs Produced per Female: 715 Mean Eggs Hatched per Female: 0 Mean Proportion Hatched: 0.00

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/7/01	R	26 27 30 26 24	89		2367		9	2358

Mean Eggs Produced per Female: 2367 Mean Eggs Hatched per Female: 2358 Mean Proportion Hatched: 1.00

000121

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-0322

Sample ID: 020074 Sample Name: D03496 IPSD-TT0603-06 Method: 100.5SGR

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring	Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/15/01	A			995				

Mean Eggs Produced per Female: 995

Mean Eggs Hatched per Female:

Mean Proportion Hatched:

000122

Egg Production Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/8/01
 Project: 01032
 SDG 5286
 Site: N0564-322

Sample ID: 020118 Sample Name: D03504 IPSD-TTUF02-06 Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/3/01	R	18	18	16	18	16	67	1152		10	1142	
3	8/6/01	A							849				
5	8/10/01	R	18	20	23	19	19	74	1465		90	1375	

Mean Eggs Produced per Female: 1156 Mean Eggs Hatched per Female: 1259 Mean Proportion Hatched: 0.96

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/4/01	R	17	22	25	22	18	55	1144		41	1103	
5	8/5/01	A							454				

Mean Eggs Produced per Female: 799 Mean Eggs Hatched per Female: 1103 Mean Proportion Hatched: 0.96

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/14/01	R	24	23	22	23	24	69	1601		346	1255	
3	8/20/01	R	18	24	21	22	21	102	2162		64	2098	
5	8/24/01	R	15	20	22	22	16	78	1482		8	1474	

Mean Eggs Produced per Female: 1748 Mean Eggs Hatched per Female: 1609 Mean Proportion Hatched: 0.92

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/1/01	R	18	22	22	22	19	64	1318		12	1306	
3	8/5/01	R	22	22	22	18	20	55	1144		30	1114	

Mean Eggs Produced per Female: 1231 Mean Eggs Hatched per Female: 1210 Mean Proportion Hatched: 0.98

Egg Production Detail Report

Tetra Tech NUS Inc
 55 Jonspin Road
 Wilmington, MA 01887-1062

Date: 10/8/01
 Project: 01032
 SDG 5286
 Site: N0564-322

Sample ID: 020118 Sample Name: D03504 IPSD-TTUF02-06 Method: 100.5SGR

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
6	8/14/01	R	18	16	15	16	17	74		1214		14	1200
8	8/23/01	D							170			170	0

Mean Eggs Produced per Female: 692 Mean Eggs Hatched per Female: 600 Mean Proportion Hatched: 0.49

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/2/01	R	24	22	28	18	20	87		1949		355	1594
2	8/4/01	A							123				

Mean Eggs Produced per Female: 1036 Mean Eggs Hatched per Female: 1594 Mean Proportion Hatched: 0.82

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
4	8/4/01	R	16	21	23	22	20	73		1489		26	1463

Mean Eggs Produced per Female: 1489 Mean Eggs Hatched per Female: 1463 Mean Proportion Hatched: 0.98

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-322

Sample ID: 020119 Sample Name: D03510 IPSD-TTUF03-06 Method: 100.5SGR

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/8/01	R	18	19	18	20	16	67		1219		4	1215

Mean Eggs Produced per Female: 1219 Mean Eggs Hatched per Female: 1215 Mean Proportion Hatched: 1.00

Replicate: E

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/17/01	R	20	21	20	24	22	76		1626		0	1626
3	8/20/01	R	22	22	21	20	23	69		1490		110	1380

Mean Eggs Produced per Female: 1558 Mean Eggs Hatched per Female: 1503 Mean Proportion Hatched: 0.96

Replicate: F

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/3/01	A							788				
3	8/7/01	R	20	20	22	22	20	42		874		13	861

Mean Eggs Produced per Female: 831 Mean Eggs Hatched per Female: 861 Mean Proportion Hatched: 0.99

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
2	8/4/01	A							885				

Mean Eggs Produced per Female: 885 Mean Eggs Hatched per Female: Mean Proportion Hatched:

Replicate: H

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
1	8/5/01	A							1221				
3	8/9/01	A							687				
4	8/12/01	R	22	24	23	24	25	91		2148		49	2099

Mean Eggs Produced per Female: 1352 Mean Eggs Hatched per Female: 2099 Mean Proportion Hatched: 0.98

000125

Egg Production Detail Report

Tetra Tech NUS Inc
55 Jonspin Road

Wilmington, MA 01887-1062

Date: 10/8/01
Project: 01032
SDG 5286
Site: N0564-322

Sample ID: 020182

Sample Name: Control

Method: 100.5SGR

Replicate: A

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/8/01	R	17	24	23	22	16	61	1244		A	0	
4	8/8/01	A							1032				

Mean Eggs Produced per Female: 1138

Mean Eggs Hatched per Female: 0

Mean Proportion Hatched: 0.00

Replicate: B

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
5	8/11/01	R	10	16	17	20	12	64	960			948	

Mean Eggs Produced per Female: 960

Mean Eggs Hatched per Female: 948

Mean Proportion Hatched: 0.99

Replicate: C

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
5	8/10/01	R	15	14	16	15	16	42	638			619	
6	8/18/01	R	21	20	20	20	19	44	880	A		0	

Mean Eggs Produced per Female: 759

Mean Eggs Hatched per Female: 310

Mean Proportion Hatched: 0.49

Replicate: D

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/3/01	R	15	15	14	12	9	33	429			429	

Mean Eggs Produced per Female: 429

Mean Eggs Hatched per Female: 429

Mean Proportion Hatched: 1.00

Replicate: G

Larvae Number	Deposit Date	Case Preparation	Eggs Counted Per Ring					Number of Rings	Eggs Direct Count	Eggs Estimate Count	All Eggs Not Hatched	Eggs Not Hatched	Eggs Hatched
3	8/4/01	R	14	14	15	18	13	70	1036	A		0	

Mean Eggs Produced per Female: 1036

Mean Eggs Hatched per Female: 0

Mean Proportion Hatched: 0.00