

ARS#20: Bogr Seed Harvest
Study Site: 21N-62
BLOCK #: 1

Recorder: S. Ratering
Date: 9/1/04 9.8.04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	2x2	1	out	
1	2	3x2	2	out	
1	3	10x5	7	out	
1	4	8x5	1	out	
1	5	6x5	2	out	
1	6	5x5	1	out	
1	7	3x2	1	in	X
1	8	5x4	1	out	
-	-	-	-	-	-
2	1	4x3	2	out	
2	2	5x4	1	out	
2	3	3x3	1	out	X
2	4	6x4	2	out	
2	5	5x3	2	out	X
2	6	4x4	2	out	
2	7	8x7	3	out	
2	8	6x5	8	out	
-	-	-	-	-	-
3	1	5x4	3	out	
3	2	10x7	4	out	
3	3	8x6	4	out	
3	4	4x3	2	out	
3	5	5x5	1	out	
3	6	3x5	2	out	X
3	7	5x3	2	out	
3	8	3x3	1	In	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: 21N-62

BLOCK #: 2

Recorder: S. Ratering

Date: 9/01/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	8x7	1	in	
1	2	4x3	1	out	
1	3	2x2	1	out	
1	4	3x3	2	in (dead)	
1	5	5x4	2	in (dead)	
1	6	3x5	4	in	X
1	7	3x3	1	out	
1	8	5x4	2	in	
-	-	-	-	-	-
2	1	7x4	1	out	X
2	2	3x3	2	out	
2	3	2x2	2	out	
2	4	5x4	2	in	X
2	5	11x12	3	out	
2	6	10x6	3	out	
2	7	3x2	1	out	
2	8	6x4		out	
-	-	-	-	-	-
3	1	6x5	2	out	
3	2	4x3	2	in	
3	3	5x3	3	in	
3	4	3x3	1	in	
3	5	20x23	16	out	
3	6	25x30	22	out	
3	7	9x5	5	out	
3	8	4x3	2	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: 2/N-62

BLOCK #: 3

Recorder: S. Ratering

Date: 9/6/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	4x3	1	out	
1	2	5x4	3	out	
1	3	4x4	1	out	
1	4	4x3	2	out	X
1	5	2x3	2	out	
1	6	2x1	1	out	
1	7	6x5	3	out	
1	8	9x8	1	out	
-	-	-	-	-	-
2	1	2x1	2	out	
2	2	3x1	1	out	X
2	3	3x1	1	out	
2	4	10x6	3	out	
2	5	5x4	2	in	
2	6	6x5	2	out	
2	7	3x2	2	out	
2	8	5x3	1	out	
-	-	-	-	-	-
3	1	3x3	2	in	
3	2	5x4	1	in	
3	3	7x7	1	out	
3	4	6x5	1	out	
3	5	3x3	1	out	
3	6	6x6	1	out	
3	7	2x2	2	out	X
3	8	4x3	1	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: RDC

BLOCK #: 1

Recorder: S. Ratering

Date: 9/01/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	6x5	1	out	
1	2	7x3	1	out	
1	3	4x4	2	out	
1	4	2x2	1	out	
1	5	3x3	1	out	
1	6	5x4	1	in	
1	7	10x4	9	in	X
1	8	4x2	2	in	
-	-	-	-	-	-
2	1	7x5	4	in	
2	2	4x3	1	in	
2	3	6x5	5	in	X
2	4	5x5	2	out	
2	5	4x3	4	out	X
2	6	5x5	2	out	
2	7	4x4	2	out	
2	8	2x1	1	in (dead)	
-	-	-	-	-	-
3	1	4x4	1	out	
3	2	5x2	3	out	
3	3	1x1	1	in (dead)	
3	4	4x4	2	out	
3	5	2x1	1	out	
3	6	3x3	1	out	X
3	7	5x3	1	out	
3	8	2x2	1	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
 Study Site: RDC
 BLOCK #: 2

Recorder: S. Ratering
 Date: 9/01/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	3x2	1	out	
1	2	1x1	1	out	
1	3	10x5	3	out	
1	4	2x2	1	out	
1	5	4x6	5	out	
1	6	3x1	1	out	X
1	7	4x1	1	out	
1	8	10x6	2	in	
-	-	-	-	-	-
2	1	10x8	3	out	X
2	2	5x3	3	out	
2	3	3x3	2	in (dead)	
2	4	5x4	3	in	X
2	5	2x2	2	out	
2	6	3x2	2	out	
2	7	5x3	1	in	
2	8	5x5	1	out	
-	-	-	-	-	-
3	1	3x3	1	out	
3	2	2x2	1	out	
3	3	3x3	1	out	
3	4	4x2	4	in	
3	5	4x3	2	out	
3	6	8x7	1	in	
3	7	4x3	2	out	
3	8	5x4	1	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
 Study Site: RDC
 BLOCK #: 3

Recorder: S. Ratering
 Date: 9/01/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	4x3	1	out	
1	2	3x2	2	out	
1	3	3x1	1	out	
1	4	5x4	2	in (dead)	x
1	5	4x3	3	out	
1	6	5x3	1	out	
1	7	4x4	2	out	
1	8	7x4	2	out	
-	-	-	-	-	-
2	1	6x5	2	in	
2	2	4x2	4	out	x
2	3	3x2	1	in	
2	4	3x3	1	in	
2	5	4x2	3	in	
2	6	8x8	5	out	
2	7	2x2	2	out	
2	8	6x5	7	out	
-	-	-	-	-	-
3	1	5x5	2	out	
3	2	3x3	1	out	
3	3	2x2	1	out	
3	4	8x6	3	in	
3	5	3x2	2	out	
3	6	2x2	2	out	
3	7	4x2	2	out	x
3	8	6x3	1	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
 Study Site: 25 SE
 BLOCK #: 1

Recorder: A. Anderson
 Date: 9.13.04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	2 x 3	1	Out	
1	2	6 x 5	3	Out	
1	3	8 x 4	4	Out	
1	4	9 x 4	5	Out	
1	5	2 x 2	2	Out	
1	6	3 x 2	1	Out	
1	7	4 x 3	2	In	X
1	8	3 x 3	2	In	
-	-	-	-	-	-
2	1	8 x 6	3	Out	
2	2	4 x 4	4	In (Dead)	
2	3	4 x 2	3	In	X
2	4	2 x 2	1	In (Dead)	
2	5	3 x 1	1	Out	X
2	6	1 x 1	1	Out	
2	7	2 x 1	2	In	
2	8	2 x 2	1	Out	
-	-	-	-	-	-
3	1	8 x 4	1	Out	
3	2	2 x 1	1	Out	
3	3	3 x 1	1	In	
3	4	2 x 1	1	In	
3	5	5 x 3	2	In	
3	6	2 x 1	1	Out	X
3	7	1 x 1	1	In	
3	8	3 x 2	1	Out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: 25 SE

BLOCK #: 2

Recorder: S. Ratering

Date: 09/13/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	5x2	1	out	
1	2	6x4	1	out	
1	3	3x3	1	out	
1	4	2x2	1	out	
1	5	4x1	2	in	
1	6	1x2	1	out	X
1	7	3x1	1	out	
1	8	6x1	1	out	
-	-	-	-	-	-
2	1	2x1	2	in	X
2	2	1x1	1	in	
2	3	1x1	1	in	
2	4	4x3	2	in	X
2	5	1x1	1	in	
2	6	4x3	3	in	
2	7	4x4	2	in	
2	8	1x1	1	out	
-	-	-	-	-	-
3	1	1x1	1	in	
3	2	1x2	2	out	
3	3	2x2	2	in	
3	4	1x1	2	in	
3	5	2x2	1	out	
3	6	3x1	1	in	
3	7	2x2	2	in	
3	8	3x2	4	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: 255E

BLOCK #: 3

Recorder: S. Ratering

Date: 09/13/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	4x3	4	out	
1	2	0.5x0.5	1	out	growing out of cove pie
1	3	5x2	1	out	
1	4	3x2	2	out	x
1	5	5x5	1	in	
1	6	3x2	2	out	
1	7	4x4	3	out	
1	8	1x1	1	in	
-	-	-	-	-	-
2	1	1x2	1	out	
2	2	1x1	2	in	x
2	3	4x3	2	in	
2	4	3x3	1	out	
2	5	4x2	1	Out	
2	6	3x2	1	In	
2	7	2x2	1	Out	
2	8	2x1	2	Out	
-	-	-	-	-	-
3	1	6x3	5	Out	
3	2	5x2	2	In	
3	3	2x1	2	Out	
3	4	4x1	1	Out	
3	5	6x3	5	Out	
3	6	4x1	2	Out	
3	7	3x3	1	Out	x
3	8	2x2	1	Out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: ESA

BLOCK #: 1

Recorder: S. Ratering

Date: 09/29/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	4x4	3	in	
1	2	4x3	4	out	
1	3	4x1	1	out	
1	4	2x3	3	out	
1	5	3x1	2	out	
1	6	4x2	6	out	
1	7	3x1	4	out	X
1	8	1x1	1	out	
-	-	-	-	-	-
2	1	2x3	6	out	
2	2	5x3	1	in	
2	3	4x1	1	out	X
2	4	1x2	3	out	
2	5	2x1	2	out	X
2	6	6x5	5	out	
2	7	3x1	1	out	
2	8	2x3	3	out	
-	-	-	-	-	-
3	1	3x2	2	out	
3	2	3x4	4	out	
3	3	4x1	1	out	
3	4	4x4	2	out	
3	5	1x1	1	out	
3	6	3x2	4	out	X
3	7	3x3	3	out	
3	8	3x4	2	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: ESA

BLOCK #: 2

Recorder: A. Anderson

Date: 9.29.04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	5x4	2	Out	
1	2	1x1	1	Out	
1	3	8x5	1	Out	
1	4	4x4	1	In (Dead)	
1	5	10x8	1	In	
1	6	10x4	3	In	X
1	7	3x3	1	Out	
1	8	4x2	1	Out	
-	-	-	-	-	-
2	1	4x2	2	Out	X
2	2	2x2	1	In	
2	3	5x3	2	Out	
2	4	5x3	3	In	X
2	5	5x5	1	Out	
2	6	8x5	6	Out	
2	7	6x4	3	Out	
2	8	10x10	10	Out	
-	-	-	-	-	-
3	1	1x1	1	Out	
3	2	10x8	3	Out	
3	3	2x5	1	Out	
3	4	12x5	3	Out	
3	5	5x8	9	Out	
3	6	2x1	3	Out	
3	7	2x4	2	In	
3	8	6x2	2	Out	
-	-	-	-	-	-
4	1				
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

Do Not Sample
Transect 4 in 2002

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: ESA

BLOCK #: 3

Recorder: A. Anderson

Date: 9.30.04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	5x4	2	In (Head)	
1	2	5x4	2	In	
1	3	2x3	1	Out	
1	4	8x6	2	Out	X
1	5	1x1	1	Out	
1	6	2x3	1	Out	
1	7	5x6	13	In	
1	8	8x8	6	Out	
-	-	-	-	-	-
2	1	4x4	5	In	
2	2	5x5	1	Out	X
2	3	12x8	2	Out	
2	4	3x4	4	In	
2	5	6x5	4	Out	
2	6	3x3	2	In	
2	7	2x3	2	In	
2	8	8x1	1	Out	
-	-	-	-	-	-
3	1	1x1	1	In	
3	2	3x4	1	In	
3	3	4x3	1	Out	
3	4	8x8	1	Out	
3	5	3x3	4	In	
3	6	2x3	1	In	
3	7	5x3	1	Out	X
3	8	4x4	1	In	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: **GS**

BLOCK #: 1

Recorder: **S. Ratering**Date: **9.8.04**

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2004 (X)
1	1	6x4	4	out	
1	2	3x2	2	out	
1	3	5x2	3	out	
1	4	7x2	5	out	X
1	5	3x2	4	out	
1	6	4x4	1	in	
1	7	4x2	2	in	
1	8	5x4	3	in	
-	-	-	-	-	-
2	1	7x2	1	in	
2	2	6x2	4	out	X
2	3	2x2	2	in	
2	4	4x4	1	out	
2	5	8x2	2	out	
2	6	3x2	1	out	
2	7	3x2	1	out	X
2	8	8x2	2	out	
-	-	-	-	-	-
3	1	5x2	1	out	
3	2	3x2	1	out	X
3	3	4x2	2	out	
3	4	9x3	3	out	
3	5	4x2	2	out	
3	6	3x3	1	in	
3	7	7x3	5	out	
3	8	6x4	1	in	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2004			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: 65

BLOCK #: 2

Recorder: S. Ratering

Date: 09/08/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2004 (X)
1	1	2 x 1	1	Out	
1	2	5 x 2	2	Out	x
1	3	4 x 2	1	out	
1	4	2 x 2	1	Out	
1	5	2 x 1	1	Out	
1	6	6 x 10	2	Out	
1	7	6 x 5	1	Out	
1	8	4 x 3	2	Out	
-	-	-	-	-	-
2	1	5 x 3	2	Out	
2	2	5 x 5	2	Out	
2	3	3 x 3	2	Out	
2	4	5 x 3	1	Out	
2	5	8 x 4	2	Out	
2	6	5 x 3	4	Out	x
2	7	5 x 3	3	Out	
2	8	6 x 2	3	Out	
-	-	-	-	-	-
3	1	4 x 4	2	Out	
3	2	2 x 1	1	Out	
3	3	6 x 5	1	Out	
3	4	7 x 5	5	Out	x
3	5	5 x 4	1	In	
3	6	7 x 5	2	In	
3	7	2 x 2	1	Out	
3	8	7 x 4	2	In (Dead)	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2004			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
 Study Site: GS
 BLOCK #: 3

Recorder: S. Ratering
 Date: 8/31/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2004 (X)
1	1	5x4	1	out	
1	2	7x5	3	out	
1	3	6x6	7	out	
1	4	3x2	2	out	
1	5	1x2	2	out	
1	6	3x2	4	out	x
1	7	3x2	4	out	
1	8	3x2	2	out	
-	-	-	-	-	-
2	1	5x2	4	out	
2	2	8x5	4	out	
2	3	5x5	7	out	x
2	4	2x1	1	out	
2	5	8x4	9	out	
2	6	5x4	6	out	
2	7	5x4	3	out	
2	8	3x3	6	out	
-	-	-	-	-	-
3	1	10x5	4	out	
3	2	6x4	6	out	x
3	3	6x5	3	out	
3	4	3x3	4	out	
3	5	4x4	2	out	
3	6	4x4	3	out	
3	7	9x5	5	out	
3	8	5x4	7	in	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2004			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: H 6

BLOCK #: 1

Recorder: C. Ratering

Date: 8/31/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2004 (X)
1	1	2x1	1	out	
1	2	8x3	1	out	
1	3	3x3	3	out	
1	4	5x4	2	out	X
1	5	1x2	1	in	
1	6	4x4	2	out	
1	7	2x3	3	out	
1	8	5x3	2	out	
-	-	-	-	-	-
2	1	3x2	2	out	
2	2	2x1	1	out	X
2	3	4x2	3	out	
2	4	3x2	1	out	
2	5	3x3	2	out	
2	6	2x3	1	out	
2	7	2x1	4	in	X
2	8	3x2	4	in	
-	-	-	-	-	-
3	1	3x3	4	out	
3	2	4x2	2	out	X
3	3	4x2	2	out	
3	4	7x5	4	out	
3	5	5x3	1	out	
3	6	3x3	1	out	
3	7	2x1	1	out	
3	8	3x2	1	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2004			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: H6

BLOCK #: 2

Recorder: S. Raloring

Date: 8/31/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2004 (X)
1	1	3x1	2	out	
1	2	3x2	2	out	x
1	3	5x4	3	out	
1	4	2x1	1	out	
1	5	3x2	1	out	
1	6	3x3	1	out	
1	7	4x4	3	in	
1	8	1x1	1	out	
-	-	-	-	-	-
2	1	1x1	1	out	
2	2	5x2	2	out	
2	3	4x3	1	out	
2	4	5x5	3	out	
2	5	1x1	1	out	
2	6	5x5	4	in	x
2	7	4x4	3	out	
2	8	3x2	3	out	
-	-	-	-	-	-
3	1	4x2	1	out	
3	2	4x3	1	out	
3	3	5x5	2	out	
3	4	4x4	1	in	x
3	5	3x2	1	in	
3	6	2x1	2	out	
3	7	6x4	2	out	
3	8	3x3	1	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2004			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: HG

BLOCK #: 3

Recorder: S. Rattering

Date: 8/31/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2004 (X)
1	1	7x4	2	in	
1	2	2x1	2	in	
1	3	4x3	2	in	
1	4	2x1	1	in	
1	5	3x2	2	in	
1	6	5x4	1	out	X
1	7	5x3	1	out	
1	8	2x2	2	out	
-	-	-	-	-	-
2	1	6x4	2	out	
2	2	8x5	2	out	
2	3	4x3	1	out	X
2	4	2x2	1	out	
2	5	4x2	4	out	
2	6	3x2	1	out	
2	7	8x3	9	out	
2	8	5x3	3	out	
-	-	-	-	-	-
3	1	5x7	1	out	
3	2	2x2	1	in	X
3	3	3x3	1	in	
3	4	4x3	2	out	
3	5	3x3	1	out	
3	6	9x13	11	out	
3	7	9x5	11	out	
3	8	5x3	4	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2004			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

44-38861-100

1992

ARS#20: Bogr Seed Harvest
 Study Site: Met G2
 BLOCK #: 1

Recorder: S. Ratering
 Date: 09/09/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	5x4	3	out	
1	2	9x3	3	out	
1	3	13x6	4	in	
1	4	1x2	1	out	
1	5	7x3	3	out	
1	6	4x2	5	out	
1	7	2x1	1	out	X
1	8	1x1	2	out	
-	-	-	-	-	-
2	1	3x3	1	out	
2	2	5x3	1	out	
2	3	3x1	2	out	X
2	4	6x2	1	out	
2	5	7x2	2	out	X
2	6	1x2	3	out	
2	7	1x1	1	out	
2	8	4x2	2	out	
-	-	-	-	-	-
3	1	3x2	1	out	
3	2	3x2	2	out	
3	3	7x2	2	in	
3	4	3x2	2	in	
3	5	2x2	1	out	
3	6	2x2	2	in	X
3	7	8x4	3	in	
3	8	7x3	9	in	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
 Study Site: Met. Station 6/2
 BLOCK #: 2

Recorder: A. Anderson
 Date: 9.9.04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	5x4	2	Out	
1	2	1x1	1	In	
1	3	10x10	3	Out	
1	4	10x5	2	Out	
1	5	10x8	4	Out	
1	6	30x22	4	Out	X
1	7	8x8	2	Out	
1	8	5x4	1	Out	
-	-	-	-	-	-
2	1	8x8	6	Out	X
2	2	10x7	4	Out	
2	3	7x5	8	Out	
2	4	4x6	3	In	X
2	5	6x5	4	Out	
2	6	8x5	5	In	
2	7	6x5	5	Out	
2	8	4x5	6	In	
-	-	-	-	-	-
3	1	6x6	2	Out	
3	2	5x6	2	Out	
3	3	10x8	7	In	
3	4	6x7	8	In	
3	5	10x7	2	In	
3	6	13x5	5	In	
3	7	5x3	1	In	
3	8	2x2	1	Out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
 Study Site: Met. Station (GZ)
 BLOCK #: 3

Recorder: A. Anderson
 Date: 9.9.04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	6x2	1	Out	
1	2	3x3	1	In	
1	3	6x4	5	In (Dead)	
1	4	6x2	1	Out	x
1	5	8x5	2	Out	
1	6	2x2	1	Out	
1	7	4x2	2	Out	
1	8	5x5	2	In	
-	-	-	-	-	-
2	1	8x5	1	Out	
2	2	5x4	2	In	x
2	3	6x4	2	Out	
2	4	3x4	2	Out	
2	5	5x4	2	Out	
2	6	3x3	1	Out	
2	7	4x3	1	Out	
2	8	2x2	2	Out	
-	-	-	-	-	-
3	1	6x3	5	out	
3	2	3x2	1	out	
3	3	6x3	3	out	
3	4	5x4	3	out	
3	5	1x2	1	in	
3	6	11x3	3	out	
3	7	3x2	3	in	x
3	8	7x2	1	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
Study Site: Met. station U/6
BLOCK #: 1

Recorder: A. Anderson
Date: 9.10.04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	13 x 5	5	In	
1	2	10 x 10	8	In	
1	3	2 x 2	2	Out	
1	4	5 x 3	3	Out	
1	5	6 x 4	2	Out	
1	6	8 x 5	1	Out	
1	7	10 x 5	4	Out	X
1	8	3 x 6	6	Out	
-	-	-	-	-	-
2	1	5 x 4	4	In	
2	2	4 x 3	5	Out	
2	3	7 x 3	7	Out	X
2	4	4 x 3	2	In	
2	5	3 x 1	3	In	X
2	6	6 x 10	11	Out	
2	7	8 x 4	6	Out	
2	8	3 x 8	10	Out	
-	-	-	-	-	-
3	1	2 x 4	2	Out	
3	2	2 x 2	1	In (Dead)	
3	3	5 x 4	3	Out	
3	4	3 x 3	3	Out	
3	5	12 x 10	6	Out	
3	6	2 x 1	1	Out	X
3	7	5 x 3	2	Out	
3	8	6 x 5	7	Out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
 Study Site: met ~~UG~~ UG
 BLOCK #: 2

Recorder:
 Date:

S. Ratering
 09/10/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	8x3	4	out	
1	2	11x2	2	out	
1	3	3x2	3	out	
1	4	4x4	1	out	
1	5	5x2	1	in	
1	6	3x1	2	out	X
1	7	14x6	12	out	
1	8	5x2	3	out	
-	-	-	-	-	-
2	1	4x3	9	out	X
2	2	7x5	9	in	
2	3	16x8	6	out	
2	4	3x2	4	out	X
2	5	1x1	2	out	
2	6	4x6	4	out	
2	7	3x6	2	out	
2	8	8x3	16	out	
-	-	-	-	-	-
3	1	3x4	3	out	
3	2	3x3	2	out	
3	3	9x2	1	out	
3	4	4x3	1	out	
3	5	5x4	4	in	
3	6	3x2	4	in	
3	7	3x4	7	in	
3	8	5x3	5	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
 Study Site: Met. station U/G
 BLOCK #: 3

Recorder: A. Anderson
 Date: 9.10.04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	2x2	1	Out	
1	2	4x3	2	Out	
1	3	2x2	1	Out	
1	4	5x4	5	In	X
1	5	8x5	3	Out	
1	6	7x3	1	In	
1	7	8x3	6	Out	
1	8	4x9	3	In	
-	-	-	-	-	-
2	1	4x6	5	In	
2	2	8x3	7	Out	X
2	3	6x5	3	Out	
2	4	8x6	4	In	
2	5	1x1	4	Out	
2	6	4x2	2	Out	
2	7	6x3	5	Out	
2	8	2x1	3	Out	
-	-	-	-	-	-
3	1	4x2	5	Out	
3	2	10x5	3	Out	
3	3	14x6	8	Out	
3	4	2x1	1	In	
3	5	6x3	2	In	
3	6	2x1	1	In	
3	7	4x2	1	In	X
3	8	14x2	5	Out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: OC

BLOCK #: 1

Recorder: S. Ratering

Date: 09/16/04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	4x3	5	out	
1	2	5x2	3	out	
1	3	2x2	1	out	
1	4	2x1	4	out	
1	5	1x1	1	out	
1	6	10x5	7	out	
1	7	2x3	3	out	X
1	8	3x3	4	out	
-	-	-	-	-	-
2	1	1x1	1	out	
2	2	4x5	6	out	
2	3	2x3	2	in	X
2	4	4x4	10	out	
2	5	2x2	6	out	X
2	6	2x2	1	out	
2	7	5x5	2	out	
2	8	3x3	1	out	
-	-	-	-	-	-
3	1	3x3	1	out	
3	2	6x7	6	out	
3	3	6x1	2	out	
3	4	5x4	5	out	
3	5	3x2	2	out	
3	6	4x2	5	out	X
3	7	3x3	4	out	
3	8	3x1	2	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest
 Study Site: Owl Creek
 BLOCK #: 2

Recorder: A. Anderson
 Date: 9.16.04

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	6 x 10	8	Out	
1	2	6 x 5	8	Out	
1	3	2 x 2	3	Out	
1	4	2 x 3	4	Out	
1	5	20 x 13	3	In	
1	6	2 x 1	1	Out	X
1	7	1 x 1	1	Out	
1	8	10 x 10	5	Out	
-	-	-	-	-	-
2	1	10 x 8	4	Out	X
2	2	8 x 7	5	Out	
2	3	3 x 5	2	Out	
2	4	3 x 3	4	Out	X
2	5	5 x 4	4	Out	
2	6	6 x 3	3	Out	
2	7	3 x 2	4	Out	
2	8	2 x 1	1	Out	
-	-	-	-	-	-
3	1	9 x 7	3	Out	
3	2	4 x 3	4	Out	
3	3	12 x 9	11	Out	
3	4	8 x 6	5	In (Dead)	
3	5	3 x 1	1	Out	
3	6	20 x 20	3	Out	
3	7	3 x 2	1	Out	
3	8	2 x 2	1	Out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES:

ARS#20: Bogr Seed Harvest

Study Site: *OC*

BLOCK #: 3

Recorder: *S. Ratering, A. Anderson*Date: *09/16/04*

Transect#	Plant #	Target Plant Size (cm)	# Of Culms Clipped w/Inflor-	In or Out of Cactus	Clip for Biomass 2002 (X)
1	1	5x4	5	out	
1	2	4x3	4	out	
1	3	1x1	2	out	
1	4	2x3	4	in (dead)	x
1	5	4x3	4	out	
1	6	1x1	1	out	
1	7	3x2	2	out	
1	8	4x4	2	out	
-	-	-	-	-	-
2	1	3x3	3	out	
2	2	4x3	2	out	x
2	3	2x2	3	out	
2	4	7x4	3	out	
2	5	8x5	5	out	
2	6	8x7	6	out	
2	7	5x5	6	out	
2	8	4x4	3	out	
-	-	-	-	-	-
3	1	4x4	5	out	
3	2	8x6	4	out	
3	3	2x2	3	in	
3	4	4x4	2	out	
3	5	5x3	3	out	
3	6	4x4	1	out	
3	7	5x4	2	out	x
3	8	3x2	3	out	
-	-	-	-	-	-
4	1	Do Not Sample Transect 4 in 2002			
4	2				
4	3				
4	4				
4	5				
4	6				
4	7				
4	8				

NOTES: