

✓ (m) means measured

✓ (w) means weighed

1992

File Name: ~~SP1992DC.WK1~~
~~SP92~~ SP92DC01.WK1

* weight of biomass

	Location	Block	Transect	Plant	culm length	# seed heads	culm weight	# seeds	seeds weight	# culms
*0.3807g	H.G.	B1	T1	P1	20 cm	2	0.0806			
	H.G.	B1	T4	P2	① 22.7 cm	2	0.0658	12		5
*0.3540g					② 22.0 cm	2	0.0611			
					③ 17.0	1	0.0394			
					④ 17.3	1	0.0392			
					⑤ 19.0	1	0.0435			
	RDC	B1	T3	P5	① 23.1	1	0.0431	7		2
*0.5895g					② 9.5	1	0.0211	↓		
	RDC	B3	T4	P2	① 21.5	2	0.0838	31		2
*0.4885g					② 18.5	2	0.0482	↓		
	RDC	B3	T3	P5	22.0	2	0.0797	36		1
*0.2191g	Met/UG	B2	T4	P4	32.7	2	0.2244	20		1
*0.4453g	21N/UG	B2	T3	P5	9.0	1	0.0446	18		1
*0.7389g	21N/UG	B1	T3	P4	25.0	2	0.0864	2		1
*0.2115g	21N/UG	B1	T3	P3	22.0	1	0.0595	9		
*0.3307g	Met/UG	B3	T3	P4	32.5	2	0.1322	21		1
*0.4358g	Met/UG	B2	T2	P6	① 8.0	1	0.0352	13		5
*0.9455g					② 25.5	2	0.0880			
					③ 14.6	2	0.0416			
					④ 21.5	2	0.0593			
					⑤ 22.6	2	0.1319			
	Met/UG	B1	T4	P3	① 16.0	1	0.0482	11		2
*0.9546g					② 16.2	2	0.0779			
	Met/UG	B1	T1	P6	① 40.2	2	0.1912	34		2
*0.2415g					② 31.0	2	0.1110			
	Met/UG	B1	T3	P1	44.5	2	0.2199	21		1
*0.2383g	Met/UG	B2	T1	P3	① 23.2	2	0.1279	52		4
*0.3724g					② 16.1	1	0.0411	↓		
					③ 20.0	2	0.0712			
					④ 21.0	1	0.0641			
	ESA	B1	T3	P3	① 19.0	1	0.0465	0		1
*0.6099g	ESA	B2	T4	P2	① 35.0	1	0.1199	13		6
*0.6393g					② 26.0	2	0.0561			
					③ 37.5	1	0.1710			
					④ 21.3	1	0.0932			
					⑤ 9.1	2	0.0471			
					⑥ 29.0	1	0.0682			

ESA B3T1P4 * 1.1172 g — Not on Data Sheet

Met/UG B1T1P1 * 0.4369 g — Not on Data Sheet

#2 Met/GZ B1T3P8 it is a culm

#2 Met/UG B2T2P7 * 0.2844 g

#2 Met/UG B3T2P4 * 0.6817 g

Find ID * 7.7624 g

✓ (M) - means measured
 ✓ (W) - means weighed

DEER PRODUCTION
 1992

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* weight of biomass

	Location	Block	Transect	Plant	culm length	# seed heads	culm weight	# seeds	seeds weight	# culms
1992	HG	1	1	3	① 14.5	1	0.0367	44		3
	HG	1	1	3	② 19	2	0.0721			
	HG	1	1	3	③ 17.5	1	0.0572			
	*0.2699g									
	Met/HGZ	3	1	7	① 18.7	1	0.0374	46		8
	*1.0867g	3	1	7	② 26.2	1	0.0561			
		3	1	7	③ 17.5	1	0.0323			
		3	1	7	④ 29.0	1	0.1050			
		3	1	7	⑤ 28.5	2	0.1045			
		3	1	7	⑥ 15	1	0.0353			
		3	1	7	⑦ 21	1	0.0815			
		3	1	7	⑧ 27	1	0.0801			
	ESA	1	4	2	① 32	1	0.1021	5		4
	*0.4680g	1	4	2	② 33.5	2	0.1307			
		1	4	2	③ 27.5	2	0.0803			
		1	4	2	④ 22	1	0.0650			
	ESA	3	1	7	① 32	2	0.1114	15		1
	*0.3804g	3	1	5	① 36.5	1	0.1327	1		1
	ESA	3	1	5	① 36.5	1	0.1327	1		1
	*0.6644g									
+	21N/GZ	① 1	1	4	① 16	none -	0.0551	seed head must have been lost in the field		
	21N/UG	1	2	6	① 15	1	0.0462	0		1
	*0.4494g									
	ESA	1	2	6	① 21	1	0.0553	2		1
	*1.3638g									
	ESA	1	1	2	① 20	1	0.0473	1		1
	*0.5807g									
	MET/UG	3	1	7	① 31.5	2	0.1171	29		3
	*1.4450g	3	1	7	② 28	2	0.0907			
		3	1	7	③ 18	2	0.0592			
	ESA	3	2	3	① 34.0	2	0.1890	45		2
	*0.3099g	3	2	3	② 12.2	1	0.0225			
	ESA	3	4	5	① 26.2	1	0.0957	15		2
	*0.5412g	3	4	5	② 23.0	1	0.0504			
	ESA	3	3	8	① 34.4	2	0.1472	0		1
	*0.4273g									
	Met/UG	1	2	6	① 30	1	0.1311	18		2
	*0.2255g	1	2	6	② 18.2	2	0.0582			
+	Met/UG	3	2	4	① 27.5	2	0.1026	19		1
		3	2	4	② 16.5	none		seed head lost in the field - added to Biomass		
	ESA	2	1	3	① 19.0	1	0.0366	5		1
	*0.5543g									
	ESA	1	1	8	① 21.0	1	0.0639	0		2
	*0.6612g	1	1	8	② 18.7	1	0.0309			

✓(M)

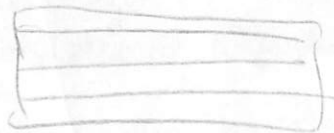
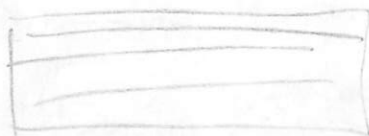
1992

✓(W)

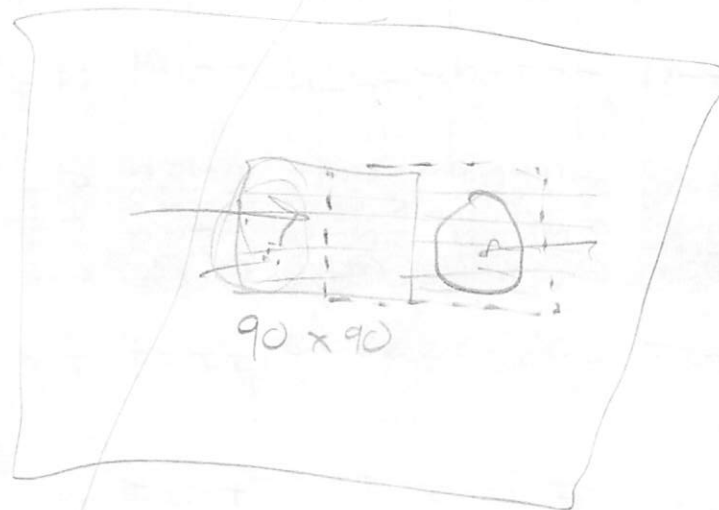
*weight of biomass

Location	Block	Transect	Plant	Culm length	# seed heads	Culm weight	# seeds	seeds weight	# culms
ESA	2	1	8	① 13.3	1	0.0306	14		1
*0.8185g									
ESA	2	2	4	① 16.5	1	0.0491	36		3
*0.6539g									
	2	2	4	② 25.2	1	0.0870			
	2	2	4	③ 23.3	2	0.1025			
HG/GS	2	4	6	① 19.4	1	0.0400	30		10
*0.4864g									
	2	4	6	② 22.3	1	0.0540			
	2	4	6	③ 20.9	1	0.0589			
	2	4	6	④ 25.7	1	0.0659			
	2	4	6	⑤ 23.8	2	0.0586			
	2	4	6	⑥ 17.3	1	0.0380			
	2	4	6	⑦ 17.6	1	0.0414			
	2	4	6	⑧ 26.5	1	0.0743			
	2	4	6	⑨ 19.2	1	0.0451			
	2	4	6	⑩ 28.1	2	0.0881			
HG/GS	2	4	4	① 18.5	1	0.0471	49		4
*0.4204g									
	2	4	4	② 19.2	1	0.0447			
	2	4	4	③ 22.9	2	0.0753			
	2	4	4	④ 26.2	2	0.0898			
2IN/GZ	1	2	4	① 27.9	2	0.0981	23		2
*0.5968g									
	1	2	4	② 24.1	1	0.0667			
2IN/GZ	2	2	6	① 17.5	2	0.0998	90		7
*1.2508g									
	2	2	6	② 13.1	1	0.0388			
	2	2	6	③ 27.2	2	0.1247			
	2	2	6	④ 16.1	1	0.0374			
	2	2	6	⑤ 13.2	1	0.0236			
	2	2	6	⑥ 14.6	1	0.0333			
	2	2	6	⑦ 16.1	1	0.0480			
2IN/GZ	2	1	2	① 23.3	2	0.0911	5		9
*0.3542g									
	2	1	2	② 16	1	0.0468			
	2	1	2	③ 14.5	1	0.0545			
	2	1	2	④ 21.1	2	0.0782			
	2	1	2	⑤ 23.6	1	0.0684			
	2	1	2	⑥ 19.8	2	0.0534			
	2	1	2	⑦ 22.6	1	0.0643			
	2	1	2	⑧ 10.4	1	0.0161			
	2	1	2	⑨ 16.5	2	0.0408			
2IN/GZ	2	4	2	① 15	1	0.0352	38		6
*0.5000g									
	2	4	2	② 25.8	2	0.0735			
	2	4	2	③ 22	1	0.0598			
	2	4	2	④ 22.1	1	0.0490			
	2	4	2	⑤ 21.7	2	0.0649			
	2	4	2	⑥ 27.3	2	0.0967			
HG	1	3	8	① 24.5	2	0.1165	63		3
*0.6207									
	1	3	8	② 22.8	2	0.1007			
	1	3	8	③ 21.3	1	0.0641			

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BIT 2 PE



Seed Production

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J(M)

J(W)

* weight of biomass

Location	Block	Transect	Plant	culm length	# seed heads	culm weight	# seeds	seeds weight	# culms
UG/GS	1	1	4	① 19.2	1	0.0387	11		4
*0.5077g	1	1	4	② 20	1	0.0697			
	1	1	4	③ 25.1	1	0.0597			
	1	1	4	④ 32.1	2	0.1255			
UG/GS	2	3	7	① 24	1	0.0726	9		1
*0.3611g	1	4	4	① 19.5	2	0.0768	13		1
2IN/GZ	1	4	4	② 15.1	2	0.0258	* Most seeds dispersed from these inflorescences		
*0.2311g	3	3	8	① 22.3	2	0.0866	33		2
	3	3	8	② 20.5	1	0.0497			
UG/GS	2	4	2	① 10.4	1	0.0195	42		8
*1.0497g	2	4	2	② 11.3	1	0.0242			
	2	4	2	③ 14.1	1	0.0288			
	2	4	2	④ 5.2	1	0.0120			
	2	4	2	⑤ 16.1	2	0.0432			
	2	4	2	⑥ 11.6	2	0.0329			
	2	4	2	⑦ 13.1	2	0.0233			
	2	4	2	⑧ 16.6	2	0.0385			
UG/GS	3	1	4	① 24.1	2	0.0703	9		1
*0.3627g	2	3	7	① 18.1	1	0.0530	11		4
25	2	3	7	② 11	1	0.0440			
*0.6726g	2	3	7	③ 20.1	2	0.0819			
	2	3	7	④ 24	3	0.1095			
Met/GZ	2	3	6	① 20.9	1	0.0718	0		1
*0.1776g	3	4	8	① 9.9	1	0.0263	2		1
HG/GS	2	2	7	① 32.7	1	0.0929	64		6
*0.4106g	2	2	7	② 26	2	0.0718			
Met/UG	2	2	7	③ 34.8	1	0.1040			
*0.4374g	2	2	7	④ 30	2	0.1087			
	2	2	7	⑤ 26.3	2	0.1018			
	2	2	7	⑥ 23.7	2	0.0658			
Met/GZ	2	3	4	① 10.16	2	0.0459	* Most seeds gone		
*1.1553g				② 16.3	2	0.0552	53		7
				③ 18.3	2	0.1073			
				④ 27.1	1	0.0830			
				⑤ 22	2	0.1564			
				⑥ 30.4	2	0.0964			
				⑦ 34	2	0.1329			

SEED PRODUCTION

1992

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V(M)

V(W)

* weight of biomass

LOCATION	Block	Transect	Plant	Culm Length	# seed heads	Culm Weight	# seeds	Seeds weight	# Culms
RDC	2	4	1	① 20.0	1	.0312	17		4
*1.3942g	2	4	1	② 17.7	2	.0463			
	2	4	1	③ 17.8	2	.0435			
	2	4	1	④ 7.6	PARTICLE	.0099			
RDC	3	2	3	① 13.2	1	.0353	0		1
*0.2120g	2	3	5	① 8.5	1	.0331	1		3
RDC				② 12.4	1	.0314			
*0.5309g				③ 1.0	1	.0146			
RDC	2	1	7	① 12.6	2	.0382	1		1
*0.6283g	1	4	4	① 23.0	2	.0941	18		1
UG/GS									
*0.2709g	1	1	2	① 18.9	1	.0446	7		3
RDC				② 18.1	2	.0968			
*0.3445g				③ 9.7	2	.0398			
HG	1	2	5	① 4.0	1	.0226	13		6
*0.4659g	1	2	5	② 21.4	1	.0666			
	1	2	5	③ 5.7	1	.0139			
	1	2	5	④ 14.6	1	.0289			
	1	2	5	⑤ 15.1	2	.0745			
	1	2	5	⑥ 21.0	1	.0432			
UG/GS	1	3	1	① 3.4	1	.0110	21		8
*0.5801g	1	3	1	② 16.2	1	.0345			
	1	3	1	③ 19.0	1	.0611			
	1	3	1	④ 19.7	1	.0611			
	1	3	1	⑤ 16.4	2	.0433			
	1	3	1	⑥ 14.6	1	.0361			
	1	3	1	⑦ 18.0	1	.0387			
	1	3	1	⑧ 16.8	1	.0337			
UG/GS	1	2	1	① 26.8	2	.0738	147		19
*0.9122g				② 30.5	2	.1087			
				③ 7.6	1	.0249			
				④ 34.7	2	.1530			
				⑤ 33.2	2	.1714			
				⑥ 37.6	2	.1884			
				⑦ 38.6	2	.1955			
				⑧ 37	2	.1830			
				⑨ 30.2	2	.1357			
				⑩ 41.1	2	.2156			
				⑪ 30.7	2	.1458			
				⑫ 35.9	2	.2121			
				⑬ 26.6	1	.1362			
				⑭ 33.8	2	.1670			
				⑮ 36.4	3	.2084			
				⑯ 35	3	.1864			
				⑰ 21.1	2	.0621			
				⑱ 36.6	1	.0636			
				⑲ 29.5	2	.1320			

Seed Production 1992

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✓(M)
✓(W)

* weight of biomass

LOCATION	BLOCK	TRANSECT	PLANT	CULM LENGTH	# SEED HEADS	CULM WEIGHT	# SEEDS	SEEDS WEIGHT	# culms
UG/GS *1.0493g	2	2	8	① 24.2 ② 17.6 ③ 11.1 ④ 21.7	2 2 1 1	.1060 .0381 .0406 .0746	15		4
UG/GS *0.7051g	2	2	5	① 14.3 ② 12.6 ③ 11.7 ④ 12.0 ⑤ 19.5 ⑥ 18.1 ⑦ 16.8 ⑧ 15.6 ⑨ 14.0 ⑩ 18.5 ⑪ 13.8	1 1 1 2 2 2 2 2 2 1 1	.0392 .0295 .0163 .0298 .0685 .0594 .0602 .0548 .0270 .0546 .0415	4		11
UG/GS *0.5150g	2	1	8	① 22.5 ② 7.5 ③ 14.0 ④ 19.5 ⑤ 14.5 ⑥ 12.5 ⑦ 12.0 ⑧ 15.2	1 1 1 2 1 1 1 1	.0717 .0240 .0377 .0743 .0402 .0238 .0274 .0418	23		8
UG/GS *1.0655g	3	3	6	① 24.0 ② 26.1 ③ 23.6 ④ 23.3 ⑤ 14.0 ⑥ 18.1	2 2 2 2 1 1	.0678 .1236 .0835 .0742 .0382 .0340	75		6
UG/GS *0.4589g	3	4	5	① 21.7 ② 33.5	1 1	.0404 .1317	25		2
HG/GS *0.2355g	3	3	3	① 15.0	1	.0336	7		1
UG/GS *0.4573g	3	2	7	① 29.0 ② 23.2 ③ 29.0	2 1 1	.1084 .0745 .0667	44		3
HG/GS *0.1951g	3	2	5	① 22.5	2	.1302	13		1
HG/GS *0.1761g	3	3	4	① 18.7	1	.0622	1		1
RDC *0.2550g	3	1	6	① 25.6	2	.0881	5		1
RDC *0.1678g	2	1	3	① 12.0	1	.0355	2		1
RDC *0.5536g	2	2	4	① 21.8	2	.1025	34		1

Seed Production

1992

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✓(M)
✓(W)

* weight of biomass

Location	Block	Transect	Plant	culm Length	# seed heads	culm Weight	# seeds	seeds wt.	# culms
Met/GZ *0.5924g	2	4	2	① 20.7 ② 23.0 ③ 17.0	1 2 1	.0585 .1216 .0301	15		3
Met/GZ *0.4168g	1	3	6	① 19.5 ② 31.3 ③ 11.5 ④ 24.0	2 2 2 2	.0630 .1156 .0327 .0676	13		4
Met/GZ *1.0240g	1	4	2	① 16.8 ② 14.5 ③ 22.1 ④ 17.5 ⑤ 19.2 ⑥ 28.7	1 2 2 2 2 1	.0348 .0802 .0513 .0543 .0497 .0952	50		6
RDC *0.6732g	1	3	2	① 15.8 ② 13.3	1 2	.0374 .0386	2		2
Met/UB *0.4508g	3	2	4	① 27.5 ② 27.0 ③ 28.3 ④ 22.1 ⑤ 31.5 ⑥ 33.0 ⑦ 26.0 ⑧ 28.0	1 1 2 0 2 2 1 1	.0747 .0553 .1120 .0855 .1109 .1164 .0605 .0710	18		8
Met/UB *0.6435g	3	3	5	① 22.3 ② 16.5 ③ 21.2	2 1 1	.0790 .0419 .0478	17		3
Met/UB	2	2	7	① 22.1	2	.0863	6		1
Met/GZ *2.1940g	3	1	4	① 18.2 ② 29.2 ③ 24.0 ④ 25.1 ⑤ 23.8 ⑥ 25.0 ⑦ 22.5 ⑧ 46.5 ⑨ 28.5 ⑩ 29.3 ⑪ 18.5 ⑫ 31.2 ⑬ 19.0 ⑭ 23.0 ⑮ 33.2 ⑯ 29.1 ⑰ 21.0	1 2 1 2 2 1 2 2 1 2 1 1 2 1 1 2 1	.0279 .1091 .0530 .0781 .0715 .0622 .0785 .2160 .0712 .0827 .0331 .0944 .0571 .0457 .0980 .0876 .0478	136		17

Seed Production

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* weight of biomass

Location	Block	Transect	Plant	Culm Length	# seed heads	Culm Wt.	# seeds	Seed wt.	# Culms
RDC	1	2	4 (X)	① 16.0	1	.0474	5		2
*0.6848g				② 14.0	1	.0424			2
Met/GZ	1	1	1	① 21.2	1	.0506	11		2
				② 16.2	2	.0763			1
RDC	3	3	1	① 15.2	1	.0396	0		1
*0.2876g									
25	2	3	5	① 27.6	1	.0609	3		1
*0.1775g									
25	2	2	5	① 23.0	2	.0638	5		3
*0.4799g				② 23.5	1	.0627			
				③ 23.6	1	.0668			
25	3	2	8	① 21.0	1	.0511	19		2
*0.3127g				② 18.0	1	.0330			
25	3	4	8	① 26.0	1	.0766	5		1
*0.3108g									
RDC	1	4	1	① 8.7	1	.0326	1		2
*0.2865g				② 7.3	1	.0221			
25	3	1	6	① 15.5	1	.0327	0		1
*0.1722g									
25	2	4	2	① 19.7	1	.0529	16		2
*0.2571g				② 22.7	2	.1183			
25	3	3	8	① 21.3	1	.0635	0		2
*0.2841g				② 22.8	1	.0855			
25	3	1	4	① 11.5	1	.0282	7		1
*0.3685g									
25	1	3	8	① 32.5	3	.1493	26		1
*0.2954g									
25	1	4	2	① 24.0	1	.0413	6		2
*0.5229g				② 21.2	1	.0501			
25	1	1	7	① 20.1	2	.0755	9		2
*0.6280g				② 16.2	1	.0466			
25	1	2	5	① 17.3	2	.0753	5		1
*0.3153g									
Met/GZ	3	4	7	① 15.6	2	.0445	4		3
*0.7182g				② 18.5	2	.0482			
				③ 16.2	2	.0559			
ESIA	2	3	5	① 22.1	2	.0765	25		2
*0.4273g				② 19.7	1	.0505			
25	1	2	6	① 17.5	1	.0410	10		1
*0.4281g									

Seed Production

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* weight of biomass

Location	Block	Transect	Plant	Culm Length	# seed heads	culm wt	# seeds	seed wt.	# culms
OC *1.1548g	1	4	1	① 35.0 ② 31.5 ③ 35.0 ④ 36.0 ⑤ 31.0 ⑥ 32.0 ⑦ 29.9 ⑧ 20.1	2 2 1 2 2 2 1 2	.1922 .1333 .1735 .1877 .1453 .1364 .1036 .1490	125		8
OC *1.2088g	3	3	6	① 35.0 ② 27.1 ③ 23.5	2 1 1	.1156 .0517 .0757	5		3
OC *0.9586g	1	3	3	① 32.4 ② 50.0 ③ 30.7 ④ 41.8 ⑤ 21.5 ⑥ 43.0 ⑦ 28.5 ⑧ 31.8	2 1 1 1 1 1 1 2	.0931 .2064 .0911 .1500 .0407 .1511 .0674 .0871	30		8
OC *1.6341g	1	2	3	① 25.5 ② 26.1 ③ 24.5 ④ 35.0 ⑤ 33.0 ⑥ 17.8 ⑦ 29.0 ⑧ 20.3 ⑨ 22.4 ⑩ 24.0 ⑪ 38.0 ⑫ 29.5	1 2 1 1 2 2 2 1 2 1 2 1	.0672 .1347 .0783 .1666 .1354 .0813 .1247 .0742 .0668 .0639 .2072 .0717	91		12
Met/6Z *1.1574g	2	1	1	① 26.2 ② 32.8 ③ 18.6	2 2 1	.1233 .1622 .0730	7		3
Met/6Z *1.1034g	1	3	8	① 13.5 ② 18.5 ③ 15.1	1 1 1	.0399 .0468 .0481	4		3
Met/6Z *0.3488g	1	2	4	① 22.1	2	.0695	0		1
25 *0.5490g	2	1	7	① 23.3	2	.0639	6		1
OC *1.2245g	2	1	6	① 17.5	1	.0420	8		1
Met/46 *0.4345	3	4	2	① 28.0	1	.0856	0		1

Seed Production

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* weight of biomass

Location	Block	Transect	Plant	Culm Length	# seed heads	Culm wt	# Seeds	Seed wt.	# Culms
OC	2	3	5	① 43.2	1	.1321	9		2
*1.5998g				② 37.0	1	.1325			
OC	1	4	6	① 21.5	1	.0265	40		10
*3.2809g				② 29.1	1	.0667			
				③ 29.7	1	.1562			
				④ 30.7	1	.0697			
				⑤ 29.0	1	.1344			
				⑥ 23.6	2	.0791			
				⑦ 18.5	2	.0682			
				⑧ 23.7	1	.0847			
				⑨ 23.3	1	.0563			
				⑩ 30.2	1	.1122			
OC	2	2	6	① 25.9	2	.1115	73		5
*3.9397g				② 32.6	2	.1602			
				③ 31.0	1	.0885			
				④ 31.5	2	.1208			
				⑤ 26.5	1	.0763			
OC	2	4	2	① 36.5	1	.1018	226		16
				② 34.0	2	.1827			
				③ 37.5	1	.1185			
				④ 33.0	2	.1186			
				⑤ 22.1	2	.0913			
				⑥ 31.5	2	.1345			
				⑦ 19.5	2	.0758			
				⑧ 11.3	3	.0614			
				⑨ 27.5	2	.1175			
				⑩ 38.2	2	.1365			
				⑪ 35.3	2	.1515			
				⑫ 35.1	2	.1193			
				⑬ 36.1	2	.1653			
				⑭ 33.5	1	.1287			
				⑮ 34.0	3	.2235			
				⑯ 32.5	2	.2163			
OC	1	1	6	① 23.5	1	.0899	73		4
*0.7507g				② 21.2	1	.0473			
				③ 50.8	2	.2417			
				④ 31.6	2	.1075			
OC	2	3	2	① 27.7	2	.1226	1		2
*0.6911g				② 24.6	2	.1179			
OC	3	3	4	① 44.5	2	.3151	51		7
*0.9193g				② 23.5	2	.0720			
				③ 39.7	1	.1957			
				④ 40.0	2	.2733			
				⑤ 41.0	2	.1821			
				⑥ 28.0	2	.1194			
				⑦ 39.1	2	.3852			

Seed Production

1992

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✓(M)
✓(W)

* weight of biomass

Location	Block	Transect	Plant	Culm length	# Seed Heads	Culm WT.	# seeds	Seed WT.	# Culms
Met/UB	2	3	2	① 23.0	2	.0801	36		3
*0.9196g				② 27.0	2	.1366			
				③ 31.5	2	.1217			
OC	3	1	2	① 21.5	1	.1052	16		3
*0.5198g				② 24.2	2	.0612			
				③ 24.8	1	.0647			
OC	3	4	3	① 33.1	2	.1123	22		1
*0.5120g									
2IN/UB	2	1	5	① 15.5	1	.0333	77		3
*0.2596g				② 15.7	1	.0416			
				③ 15.6	1	.0362			
2IN/UB	1	4	3	① 13.8	1	.0265	4		2
*0.4212g				② 19.7	1	.0639			
2IN/UB	3	2	4	① 23.0	1	.0638	20		3
*0.2898g				② 10.3	2	.0425			
				③ 15.8	1	.0355			
2IN/UB	3	3	4	① 15.0	3	.0695	16		1
*0.5277g									
2IN/UB	3	2	7	① 21.8	2	.0921	5		2
*0.3042g				② 18.5	1	.0675			
2IN/UB	3	4	6	① 13.5	1	.0299	6		2
*0.2793g				② 8.3	2	.0370			
2IN/UB	2	4	5	① 23.5	1	.0608	0		1
*0.2777g									
2IN/UB	2	3	8	① 16.7	2	.0527	16		2
*0.2103g				② 22.0	2	.0648			
2IN/UB	2	3	4	① 23.5	2	.0745	12		2
*0.2775g				② 26.5	2	.0996			
2IN/UB	3	1	7	① 16.7	1	.0376	1		1
*0.2786g									
2IN/UB	2	2	8	① 43.5	2	.1883	16		1
*0.2105g									
2IN/UB	1	1	5	① 22.0	1	.0466	4		1
*0.3640g									
OC	3	2	7	① 21.9	1	.0586	18		5
*0.6814g				② 19.0	1	.0630			
				③ 22.0	1	.0788			
				④ 31.1	2	.1902			
				⑤ 22.1	2	.1231			