



Lay, Claire

Report for Boulder City Open Space and Mountain Parks
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Permit issued: June, 2004

Permit expired: December, 2004

Attached materials: Data files OSMPerysimum.xls and OSMPilupine.xls

Plants are sessile organisms that face a diversity of simultaneous evolutionary challenges. Among these are selection pressures from both herbivores and pollinators. Although both herbivores and pollinators have been shown to effect selection on several plant traits, the effects of these two agents have generally been considered separately. There is a growing body of evidence that suggests that the evolutionary history of plant floral traits may be best understood by simultaneous consideration of these two selective forces. Pollinators have historically been considered to be the main selective agents acting on the evolution of floral and flowering traits. However, other groups of interacting partners may also affect the evolutionary trajectories of these traits. In particular, floral herbivores are likely to change the course of pollinator-mediated selection. Their potential effects range from providing direct selection in opposition to that of pollinators to selecting for floral traits that are not under direct selection by pollinators. *Erysimum capitatum* (Brassicaceae) is a yellow to orange flowered biennial that experiences regular damage by a number of herbivores on its inflorescences. I will examine the effects of floral herbivores and pollinators on selection for plant traits in *Erysimum capitatum*.

My goals for the summer of 2004 were to a) choose an appropriate plant species for study and to b) collect preliminary data about the reproductive biology, pollinators and herbivores of this focal species. My ultimate goal is to examine the separate and joint selective effects of herbivores and pollinators on plant floral and flowering traits by a) determining whether herbivores and pollinators use similar cues in visiting individuals of *Erysimum capitatum* b) examining the selective effects of visitation by these two groups and c) identifying interactions between the effects of floral herbivores and pollinators in six different sites at three elevations.

During the summer of 2004, I chose one of 5 proposed study species for use in completing my PhD. thesis. Along with Stephanie Miller, a student in the Research Experiences for Undergraduates program, I performed preliminary research of plant traits, pollination and herbivory in two native herbaceous plant species, *Erysimum capitatum* and *Lupinus argenteus*. Much of the work was done on Boulder City Open Space and Mountain Parks, and I have included all data relevant to these areas. I have included data from a site in Nederland when it was pertinent to analyses.

A primary goal of my research is to determine whether selection by different assemblages of pollinators and herbivores in different sites has produced fine-scale local adaptation for plant floral and flowering traits. As different elevations typically have different insect communities, we examined plant traits, pollinator characteristics, and herbivory in several different elevations. We found that these things differed by site for both plant species examined.

***Erysimum capitatum*:**

I identified 5 types of herbivore attacks that are likely active in selecting for flowering and floral traits of *Erysimum capitatum*. First, flower buds are attacked by wasp larvae (tentatively identified as Eulophidae) that cause the buds to form galls and prevent fruit formation. In addition, stem boring beetle larvae (no id) clip flowering shoots from the plants and may be important in selecting for traits such as inflorescence height and number of inflorescences. *E. capitatum* experiences high-intensity petal herbivory in all sites; this petal damage appears to be caused by a diverse assemblage of insects including grasshoppers, butterfly larvae and adult beetles. Thrips are prevalent on the flowers of *E. capitatum* and feed on both petal tissue and pollen. Finally, ants eat nectar, but rarely travel across the tops of the flowers. Specimens were taken to the University of Colorado Museum for identification. Unless otherwise noted, identifications are not yet complete.

Flower galling wasps

Larvae, likely Eulophidae wasp young, were found inhabiting deformed flower buds (galls) throughout the summer of 2005. *Erysimum capitatum* plants in Gregory Canyon showed more evidence of galling wasp larvae than did plants in the other two areas. I found no galls on the South Boulder Creek West trail. Plants on the Greenbelt Plateau had an average of 0.24 galls per plant and those in Gregory Canyon had 2.47 galls per plant. Plants at my Nederland site had 0.27 galls per plant. These differences between sites were significant ($p < 0.0001$) by one-way ANOVA, as is shown in Figure 1.

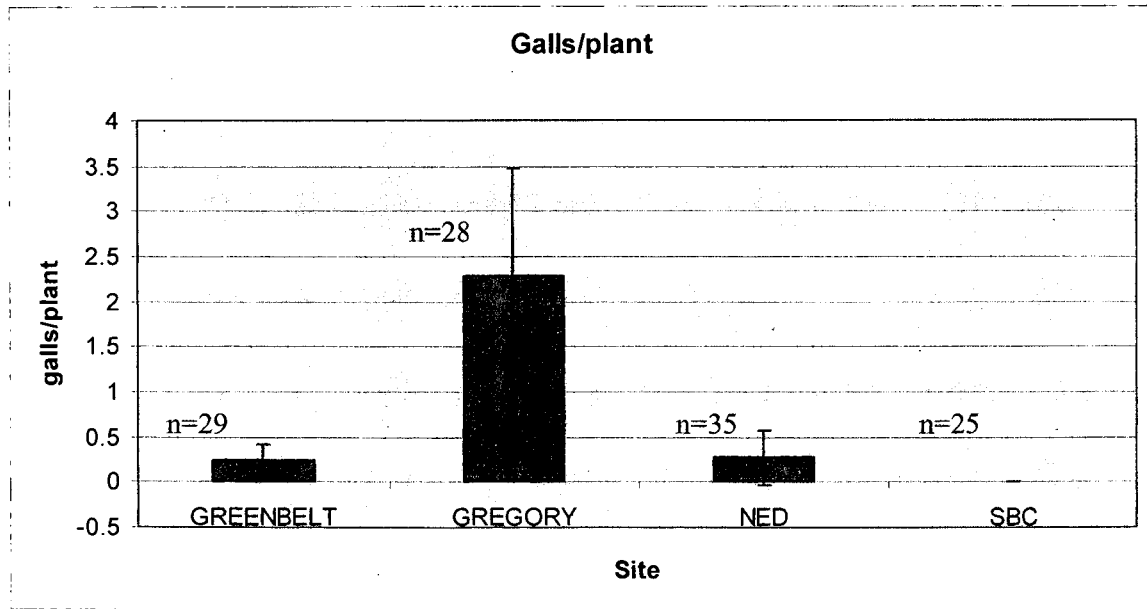


Figure 1

Bud gall prevalence differed between sites ($F = 11.02096, p < 0.0001$)

Error bars reflect 95% confidence intervals, and sample sizes are indicated on the left hand sides of the bars. No pairs of means were significantly different by a *post priori* Tukey's HSD test. Sample sizes are indicated on the left side of each bar.

Stem borers

Stem boring beetles (currently unidentified to family) were prevalent in Gregory Canyon, but not evident at either Greenbelt Plateau or the South Boulder Creek trail. The beetles bored into the stem, clipping the inflorescence from the plant. Plants in Gregory Canyon had a 57% risk of being clipped by beetle larvae. While the analyses aren't yet complete, stem boring appears to have the capacity to significantly reduce plant fitness as it removes inflorescences at all stages of development.

Pollinators

Erysimum capitatum is likely pollinated by small bees. I captured bees of the genus *Dialictus* on the plants that had *E. capitatum* pollen on their bodies. Pollinator visits were rarely observed. However, bagged plants at the Nederland site did not set fruits if the flowers had not opened before bagging, and these plants are known to require insect visitation for pollination.

Petal Color

There were significant differences ($p < 0.0001$) between sites in petal color, as determined by a one-way ANOVA. I used a color scale that ranged from orange to red to quantify floral color. Flowers on plants in Gregory Canyon and Nederland tended to be a deeper red in color than did flowers on plants either along the South Boulder Creek trail or on Greenbelt Plateau, though no mean pairs were significantly different by Tukey's HSD. No white or lavender plants were found at any site.



Figure 1

Two color morphs at South Boulder Creek Trail west. Each evidences slight petal herbivory. The color morph on the left corresponds to a standardized red-yellow color value of 390 and that on the right corresponds to a value of 350.

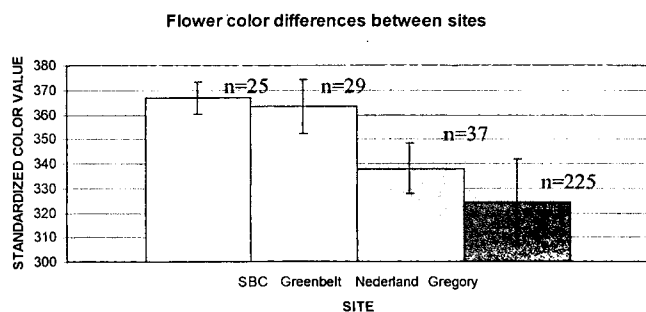


Figure 2

Plants at different sites had flowers of different colors ($F=10.647$, $p < 0.0001$), with higher elevation sites having redder petals than lower sites. Error bars represent 95% confidence intervals, and sample sizes are indicated to the right of each bar.

Reproductive success

From August through late December, I harvested plants of *Erysimum capitatum* from Greenbelt Plateau, Gregory Canyon and Nederland and measured their reproductive success and height as well as the number and length of inflorescences. I recovered data about fruit position on inflorescences and aborted fruits, as well as bud galls. As there are many variables to be considered in terms of reproductive success, I have not yet completed the analyses to determine what factors affect it in the different sites. The data is included as the worksheet "fruit at senescence" in the OSMPerysimum.xls file.

***Lupinus argenteus*:**

Stephanie Miller was primarily responsible for collecting data about plant biology, pollinators and herbivores of *Lupinus argenteus*. She and I found that these highly toxic plants suffered only rare attacks from blister beetles (family), and we thus concentrated primarily on the floral biology and pollinator fauna of *L. argenteus*. Her supervised work was completed in Chautauqua Meadow and at the University of Colorado Mountain Research Station (MRS). Ms. Miller observed pollinator visitation in these two locations, and examined the duration of stigmatic receptivity and pollen viability.

Observations

Observation periods lasted 15 minutes each and included all plants in haphazardly placed 2 meter quadrants. 30 observation periods were performed in each site. Pollinators were identified to broad category (e.g. small bee, fly) or species as possible. The number of inflorescences and flowers per inflorescences was recorded for each visitor, as was the total time spent by each visitor per plant. Observations were recorded on a cassette, and transcribed shortly thereafter.

Stephanie Miller found that visitors to plants in Chautauqua meadows included *Bombus huntii*, *Bombus nevadensis* Cresson, *Bombus flavifrons* Cresson, *Bombus occidentalis* Cresson, *Bombus centralis* Cresson, *Apis mellifera* Linnaeus and small bodied bees, such as bees in the genus *Andrena*. This was more diverse than the pollinator fauna observed visiting *Lupinus argenteus* individuals at the MRS.

Visits were substantially longer in Chautauqua Meadow than they were at the MRS, with lower elevation bees spending on average, 76.7 seconds per plant as opposed to 47.5 seconds per plant at the MRS. In addition, more visits were observed per plant in Chautauqua than at the MRS.

Pollen viability was tested using lacto phenol aniline blue and flowers harvested from 15 plants in each site (Kearns and Inouye 1993). Plants in Chautauqua tended to have shorter flower lives than did plants at the MRS, and sample sizes are thus unequal between days for the two sites. Average pollen viability remained high (>70%) at the MRS for at least 10 days, but declined below 50% by the seventh day at Chautauqua Meadows.

Stigmatic receptivity was tested using 3% hydrogen peroxide to test for peroxidase activity. These tests were inconclusive.

Works Cited

Kearns, C. A. and D. S. Inouye (1993). Techniques for Pollination Biologists. Niwot, Colorado, University of Colorado Press.

Greenbelt	Gregory	Nederland	SBC
320	350	350	380
320	260	260	380
390	350	290	350
350	290	320	350
350	350	350	380
370	350	370	380
390	260	280	380
350	350	350	380
380	320	320	380
370	260	350	350
370	327	380	380
350	350	350	350
370	370	280	370
390	260	370	350
370	260	320	350
390	350	370	380
350	380	350	350
390	320	350	370
380	320	350	350
380	280	350	380
380	380	350	380
280	260	370	380
390	380	280	320
380	380	380	380
380	350	280	370
280		350	
380		320	
380		380	
350		350	
		320	
		350	
		350	
		320	
		320	
		320	
		370	
		350	
30.13108	44.62391	31.98395	16.76305
10.96639	17.49225	10.30574	6.570997
363.1034	324.28	337.8378	366.8

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Greenbelt	29	10530	363.1034	907.8818
Gregory	25	8107	324.28	1991.293
Nederland	37	12500	337.8378	1022.973
SBC	25	9170	366.8	281

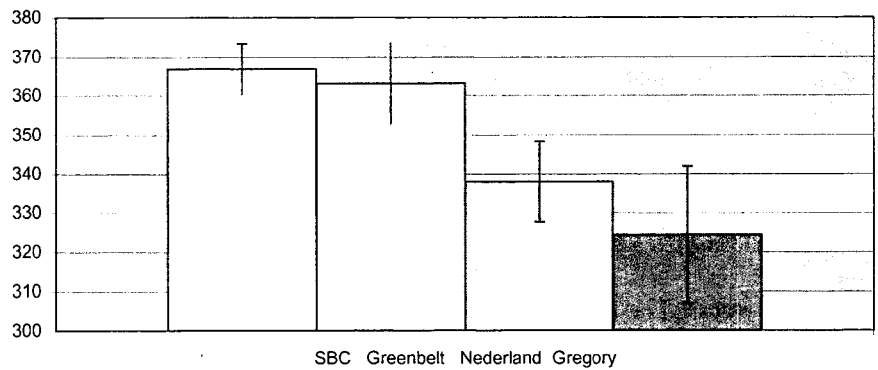
ANOVA

Source of Vari	SS	df	MS	F	P-value	F crit
Between G	33306.17	3	11102.06	10.64738	3.25843E-06	2.685643
Within Gro	116782.8	112	1042.703			

tukey's hsd

DIFFERENCE	HSD
GRE-SBC	42.52 7.00083215 ns
GBT-GRE	38.82344828 6.39220237 ns
GBT-NED	25.26561044 4.15993174 ns
GBT-SBC	-3.696551724 -0.6086298 ns
NED-SBC	28.96216216 4.76856152 ns
GRE-NED	-13.55783784 -2.2322706 ns

harmonic mean of n
28.26659642
quantity sqrt (MSwg/hmean)
6.0735637
Q at .05 for df 112 =
22.4721857



hsdcrit is the critical value for honestly significant differences...
D is calculated by taking the actual difference between means and dividing by sqrt (MSwg/hmean)
compare hsd to hsdcrit for significance testing...

erysimum
study

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	48	greenbelt	1	primary	28	.	1	1	.	nm
untreat	48	greenbelt	1	primary	28	.	2	1	.	nm
untreat	48	greenbelt	1	primary	28	.	3	1	.	nm
untreat	48	greenbelt	1	primary	28	.	4	0	.	nm
untreat	48	greenbelt	1	primary	28	.	5	1	.	nm
untreat	48	greenbelt	1	primary	28	.	6	0	.	nm
untreat	48	greenbelt	1	primary	28	.	7	1	.	nm
untreat	48	greenbelt	1	primary	28	.	8	0	.	nm
untreat	48	greenbelt	1	primary	28	.	9	0	.	nm
untreat	48	greenbelt	1	primary	28	.	10	0	.	nm
untreat	48	greenbelt	1	primary	28	.	11	0	.	nm
untreat	48	greenbelt	1	primary	28	.	12	0	.	nm
untreat	48	greenbelt	1	primary	28	.	13	0	.	nm
untreat	48	greenbelt	1	primary	28	.	14	0	.	nm
untreat	48	greenbelt	1	primary	28	.	15	0	.	nm
untreat	48	greenbelt	1	primary	28	.	16	0	.	nm
untreat	48	greenbelt	1	primary	28	.	17	0	.	nm
untreat	48	greenbelt	1	primary	28	.	18	0	.	nm
untreat	48	greenbelt	1	primary	28	.	19	1	.	nm
untreat	48	greenbelt	1	primary	28	.	20	1	.	nm
untreat	48	greenbelt	1	primary	28	.	21	1	.	nm
untreat	48	greenbelt	1	primary	28	.	22	1	.	nm
untreat	48	greenbelt	1	primary	28	.	23	1	.	nm
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untreat	48	greenbelt	1	primary	28	.	26	1	.	nm
untreat	48	greenbelt	1	primary	28	.	27	1	.	nm
untreat	48	greenbelt	1	primary	28	.	28	1	.	nm
untreat	48	greenbelt	1	primary	28	.	29	1	.	nm
untreat	48	greenbelt	1	primary	28	.	30	0	.	nm
untreat	49	greenbelt	1	primary	24	8.3	1	0	.	nm
untreat	49	greenbelt	1	primary	24	8.3	2	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	3	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	4	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	5	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	6	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	7	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	8	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	9	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	10	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	11	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	12	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	13	0	.	nm
untreat	49	greenbelt	1	primary	24	8.3	14	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	15	0	.	nm
untreat	49	greenbelt	1	primary	24	8.3	16	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	17	1	.	nm
untreat	49	greenbelt	1	primary	24	8.3	18	0	.	nm
untreat	49	greenbelt	1	primary	24	8.3	19	0	.	nm
untreat	49	greenbelt	1	primary	24	8.3	20	0	.	nm
untreat	49	greenbelt	1	primary	24	8.3	21	0	.	nm
untreat	49	greenbelt	1	primary	24	8.3	22	0	.	nm
untreat	1701	greenbelt	1	primary	30.5	.	1	1	5.6	
untreat	1701	greenbelt	1	primary	30.5	.	2	inf	.	-2
untreat	1701	greenbelt	1	primary	30.5	.	3	1	1.8	0
untreat	1701	greenbelt	1	primary	30.5	.	4	1	5.5	0
untreat	1701	greenbelt	1	primary	30.5	.	5	1	5.2	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1701	greenbelt	1	primary	30.5	.	6	1	.	-2
untreat	1701	greenbelt	1	primary	30.5	.	7	0	.	-2
untreat	1701	greenbelt	1	primary	30.5	.	8	1	2.1	0
untreat	1701	greenbelt	1	primary	30.5	.	9	0	.	0
untreat	1701	greenbelt	1	primary	30.5	.	10	1	4.7	0
untreat	1701	greenbelt	1	primary	30.5	.	11	1	.	-2
untreat	1701	greenbelt	1	primary	30.5	.	12	0	.	0
untreat	1701	greenbelt	1	primary	30.5	.	13	0	.	0
untreat	1701	greenbelt	1	primary	30.5	.	14	1	8.1	0
untreat	1701	greenbelt	1	primary	30.5	.	15	0	.	0
untreat	1701	greenbelt	1	primary	30.5	.	16	1	.	-2
untreat	1701	greenbelt	1	primary	30.5	.	17	1	.	-2
untreat	1701	greenbelt	1	primary	30.5	.	18	0	.	0
untreat	1701	greenbelt	1	primary	30.5	.	19	1	.	-2
untreat	1701	greenbelt	1	primary	30.5	.	20	1	6.8	0
untreat	1701	greenbelt	1	primary	30.5	.	21	1	6.8	0
untreat	1701	greenbelt	1	primary	30.5	.	22	1	7.7	0
untreat	1701	greenbelt	1	primary	30.5	.	23	1	8.3	0
untreat	1701	greenbelt	1	primary	30.5	.	24	1	8.8	0
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untreat	1701	greenbelt	1	primary	30.5	.	27	1	.	-2
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untreat	1701	greenbelt	1	primary	30.5	.	31	1	7.8	0
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untreat	1701	greenbelt	1	primary	30.5	.	33	1	7.7	0
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untreat	1701	greenbelt	1	primary	30.5	.	39	1	6.9	0
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untreat	1702	greenbelt	1	primary	16	5.2	6	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	7	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	8	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	9	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	10	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	11	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	12	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	13	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	14	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	15	1	.	nm
untreat	1702	greenbelt	1	primary	16	5.2	16	0	.	nm
untreat	1703	greenbelt	1	primary	59	25	1	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1703	greenbelt	1	primary	59	25	2	0	.	0
untreat	1703	greenbelt	1	primary	59	25	3	1	8.8	0
untreat	1703	greenbelt	1	primary	59	25	4	1	8.7	0
untreat	1703	greenbelt	1	primary	59	25	5	0	.	0
untreat	1703	greenbelt	1	primary	59	25	6	1	9.3	0
untreat	1703	greenbelt	1	primary	59	25	7	1	9	0
untreat	1703	greenbelt	1	primary	59	25	8	1	9.4	0
untreat	1703	greenbelt	1	primary	59	25	9	0	.	0
untreat	1703	greenbelt	1	primary	59	25	10	1	8.8	0
untreat	1703	greenbelt	1	primary	59	25	11	1	9	0
untreat	1703	greenbelt	1	primary	59	25	12	1	8.6	0
untreat	1703	greenbelt	1	primary	59	25	13	1	7.4	0
untreat	1703	greenbelt	1	primary	59	25	14	1	8.2	0
untreat	1703	greenbelt	1	primary	59	25	15	1	8.3	0
untreat	1703	greenbelt	1	primary	59	25	16	0	.	0
untreat	1703	greenbelt	1	primary	59	25	17	1	8.6	0
untreat	1703	greenbelt	1	primary	59	25	18	1	8.6	0
untreat	1703	greenbelt	1	primary	59	25	19	1	8.2	0
untreat	1703	greenbelt	1	primary	59	25	20	1	8.5	0
untreat	1703	greenbelt	1	primary	59	25	21	1	8.6	0
untreat	1703	greenbelt	1	primary	59	25	22	1	8.2	0
untreat	1703	greenbelt	1	primary	59	25	23	1	3.2	0
untreat	1703	greenbelt	1	primary	59	25	24	0	.	0
untreat	1703	greenbelt	1	primary	59	25	25	1	7.7	0
untreat	1703	greenbelt	1	primary	59	25	26	1	8.4	0
untreat	1703	greenbelt	1	primary	59	25	27	1	8.4	0
untreat	1703	greenbelt	1	primary	59	25	28	1	8.1	0
untreat	1703	greenbelt	1	primary	59	25	29	1	7.2	0
untreat	1703	greenbelt	1	primary	59	25	30	1	8	0
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untreat	1703	greenbelt	1	primary	59	25	32	0	.	0
untreat	1703	greenbelt	1	primary	59	25	33	1	7	-1
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untreat	1703	greenbelt	1	primary	59	25	35	1	7.2	0
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untreat	1703	greenbelt	1	primary	59	25	37	0	.	0
untreat	1703	greenbelt	1	primary	59	25	38	1	4.7	0
untreat	1703	greenbelt	1	primary	59	25	39	1	7.2	0
untreat	1703	greenbelt	1	primary	59	25	40	1	6.7	0
untreat	1703	greenbelt	1	primary	59	25	41	0	.	0
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untreat	1703	greenbelt	1	primary	59	25	43	1	.	-2
untreat	1703	greenbelt	1	primary	59	25	44	0	.	0
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untreat	1703	greenbelt	1	primary	59	25	46	0	.	0
untreat	1703	greenbelt	1	primary	59	25	47	0	.	0
untreat	1703	greenbelt	1	primary	59	25	48	0	.	0
untreat	1703	greenbelt	1	primary	59	25	49	0	.	0
untreat	1703	greenbelt	1	primary	59	25	50	0	.	0
untreat	1703	greenbelt	1	primary	59	25	51	0	.	0
untreat	1703	greenbelt	1	primary	59	25	52	buds	.	0
untreat	1703	greenbelt	2	basal	25	8.5	1	1	8.3	0
untreat	1703	greenbelt	2	basal	25	8.5	2	1	8	0
untreat	1703	greenbelt	2	basal	25	8.5	3	1	6.6	0
untreat	1703	greenbelt	2	basal	25	8.5	4	1	8.5	0
untreat	1703	greenbelt	2	basal	25	8.5	5	1	8	0
untreat	1703	greenbelt	2	basal	25	8.5	6	1	7.9	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1703	greenbelt	2	basal	25	8.5	7	1	.	-2
untreat	1703	greenbelt	2	basal	25	8.5	8	0	.	0
untreat	1703	greenbelt	2	basal	25	8.5	9	1	7.1	0
untreat	1703	greenbelt	2	basal	25	8.5	10	0	.	0
untreat	1703	greenbelt	2	basal	25	8.5	11	0	.	0
untreat	1703	greenbelt	3	side	21	2.5	1	0	.	0
untreat	1703	greenbelt	3	side	21	2.5	2	0	.	0
untreat	1703	greenbelt	3	side	21	2.5	3	0	.	0
untreat	1703	greenbelt	3	side	21	2.5	4	0	.	0
untreat	1703	greenbelt	3	side	21	2.5	5	1	.	-2
untreat	1703	greenbelt	3	side	21	2.5	6	0	.	0
untreat	1703	greenbelt	3	side	21	2.5	7	0	.	0
untreat	1703	greenbelt	3	side	21	2.5	8	0	.	0
untreat	1703	greenbelt	3	side	21	2.5	9	0	.	0
untreat	1703	greenbelt	3	side	21	2.5	10	buds	.	0
untreat	1703	greenbelt	4	side	33	6.5	1	1	6.5	0
untreat	1703	greenbelt	4	side	33	6.5	2	1	6.8	0
untreat	1703	greenbelt	4	side	33	6.5	3	1	7.1	0
untreat	1703	greenbelt	4	side	33	6.5	4	1	6.5	0
untreat	1703	greenbelt	4	side	33	6.5	5	1	6.4	0
untreat	1703	greenbelt	4	side	33	6.5	6	0	.	0
untreat	1703	greenbelt	4	side	33	6.5	7	1	3.4	0
untreat	1703	greenbelt	4	side	33	6.5	8	0	.	0
untreat	1703	greenbelt	4	side	33	6.5	9	0	.	0
untreat	1703	greenbelt	4	side	33	6.5	10	0	.	0
untreat	1703	greenbelt	4	side	33	6.5	11	0	.	0
untreat	1703	greenbelt	4	side	33	6.5	12	buds	.	0
untreat	1703	greenbelt	5	side	33.5	6	1	1	7.9	0
untreat	1703	greenbelt	5	side	33.5	6	2	1	7	0
untreat	1703	greenbelt	5	side	33.5	6	3	0	.	0
untreat	1703	greenbelt	5	side	33.5	6	4	1	6.2	0
untreat	1703	greenbelt	5	side	33.5	6	5	1	7.7	0
untreat	1703	greenbelt	5	side	33.5	6	6	0	.	0
untreat	1703	greenbelt	5	side	33.5	6	7	0	.	0
untreat	1703	greenbelt	5	side	33.5	6	8	1	6.7	0
untreat	1703	greenbelt	5	side	33.5	6	9	0	.	0
untreat	1703	greenbelt	5	side	33.5	6	10	0	.	0
untreat	1703	greenbelt	5	side	33.5	6	11	0	.	0
untreat	1703	greenbelt	5	side	33.5	6	12	0	.	0
untreat	1703	greenbelt	5	side	33.5	6	13	0	.	0
untreat	1703	greenbelt	5	side	33.5	6	14	buds	.	0
untreat	1703	greenbelt	6	side	34	6	1	1	6.8	0
untreat	1703	greenbelt	6	side	34	6	2	1	6.9	0
untreat	1703	greenbelt	6	side	34	6	3	0	.	0
untreat	1703	greenbelt	6	side	34	6	4	1	6.1	0
untreat	1703	greenbelt	6	side	34	6	5	0	.	0
untreat	1703	greenbelt	6	side	34	6	6	1	5.7	0
untreat	1703	greenbelt	6	side	34	6	7	0	.	0
untreat	1703	greenbelt	6	side	34	6	8	1	.	-2
untreat	1703	greenbelt	6	side	34	6	9	0	.	0
untreat	1703	greenbelt	6	side	34	6	10	0	.	0
untreat	1703	greenbelt	6	side	34	6	11	0	.	0
untreat	1703	greenbelt	6	side	34	6	12	0	.	0
untreat	1703	greenbelt	6	side	34	6	13	0	.	0
untreat	1703	greenbelt	6	side	34	6	14	buds	.	0
untreat	1705	greenbelt	1	primary	45.5	21	1	1	7.1	-1
untreat	1705	greenbelt	1	primary	45.5	21	2	1	8	-1

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1705	greenbelt	1	primary	45.5	21	3	1	7	-1
untreat	1705	greenbelt	1	primary	45.5	21	8	1	7	-1
untreat	1705	greenbelt	1	primary	45.5	21	10	1	7.9	-1
untreat	1705	greenbelt	1	primary	45.5	21	11	1	7.5	-1
untreat	1705	greenbelt	1	primary	45.5	21	12	1	6.5	-1
untreat	1705	greenbelt	1	primary	45.5	21	14	1	7.2	-1
untreat	1705	greenbelt	1	primary	45.5	21	15	1	7.6	-1
untreat	1705	greenbelt	1	primary	45.5	21	22	1	7.8	-1
untreat	1705	greenbelt	1	primary	45.5	21	4	1	7.4	0
untreat	1705	greenbelt	1	primary	45.5	21	5	1	7.8	0
untreat	1705	greenbelt	1	primary	45.5	21	6	1	7.8	0
untreat	1705	greenbelt	1	primary	45.5	21	7	1	7.6	0
untreat	1705	greenbelt	1	primary	45.5	21	9	1	8.1	0
untreat	1705	greenbelt	1	primary	45.5	21	13	1	7.4	0
untreat	1705	greenbelt	1	primary	45.5	21	16	1	7.5	0
untreat	1705	greenbelt	1	primary	45.5	21	17	1	7.5	0
untreat	1705	greenbelt	1	primary	45.5	21	18	1	7.8	0
untreat	1705	greenbelt	1	primary	45.5	21	19	1	7.8	0
untreat	1705	greenbelt	1	primary	45.5	21	20	0	.	0
untreat	1705	greenbelt	1	primary	45.5	21	21	0	.	0
untreat	1705	greenbelt	1	primary	45.5	21	23	1	7.3	0
untreat	1705	greenbelt	1	primary	45.5	21	24	0	.	0
untreat	1705	greenbelt	1	primary	45.5	21	25	1	7.3	0
untreat	1705	greenbelt	1	primary	45.5	21	26	0	.	0
untreat	1705	greenbelt	1	primary	45.5	21	27	1	7.7	0
untreat	1705	greenbelt	1	primary	45.5	21	28	1	7.3	0
untreat	1705	greenbelt	1	primary	45.5	21	29	1	6	0
untreat	1705	greenbelt	1	primary	45.5	21	30	1	6.5	0
untreat	1705	greenbelt	1	primary	45.5	21	31	0	.	0
untreat	1705	greenbelt	1	primary	45.5	21	32	1	6.4	0
untreat	1705	greenbelt	1	primary	45.5	21	33	0	.	0
untreat	1705	greenbelt	1	primary	45.5	21	34	0	.	0
untreat	1705	greenbelt	1	primary	45.5	21	35	0	.	0
untreat	1705	greenbelt	1	primary	45.5	21	36	0	.	0
untreat	1705	greenbelt	1	primary	45.5	21	37	buds	.	0
untreat	1705	greenbelt	2	side	28.5	3	3	1	7	-1
untreat	1705	greenbelt	2	side	28.5	3	1	1	7.2	0
untreat	1705	greenbelt	2	side	28.5	3	2	1	7	0
untreat	1705	greenbelt	2	side	28.5	3	4	1	5.2	0
untreat	1705	greenbelt	2	side	28.5	3	5	1	4.6	0
untreat	1705	greenbelt	2	side	28.5	3	6	0	.	0
untreat	1705	greenbelt	2	side	28.5	3	7	0	.	0
untreat	1705	greenbelt	2	side	28.5	3	8	0	.	0
untreat	1705	greenbelt	2	side	28.5	3	9	buds	.	0
untreat	1705	greenbelt	3	side	34	4.5	1	1	6.9	-1
untreat	1705	greenbelt	3	side	34	4.5	3	1	2.5	-1
untreat	1705	greenbelt	3	side	34	4.5	4	1	6.7	-1
untreat	1705	greenbelt	3	side	34	4.5	8	1	6.8	-1
untreat	1705	greenbelt	3	side	34	4.5	2	1	7.8	0
untreat	1705	greenbelt	3	side	34	4.5	5	1	5.1	0
untreat	1705	greenbelt	3	side	34	4.5	6	1	7.3	0
untreat	1705	greenbelt	3	side	34	4.5	7	0	.	0
untreat	1705	greenbelt	3	side	34	4.5	9	0	.	0
untreat	1705	greenbelt	3	side	34	4.5	10	0	.	0
untreat	1705	greenbelt	3	side	34	4.5	11	0	.	0
untreat	1705	greenbelt	3	side	34	4.5	12	buds	.	0
untreat	1706	greenbelt	1	primary	47	28	14	1	.	-2

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1706	greenbelt	1	primary	47	28	45	1	.	-2
untreat	1706	greenbelt	1	primary	47	28	1	1	7.6	0
untreat	1706	greenbelt	1	primary	47	28	2	0	.	0
untreat	1706	greenbelt	1	primary	47	28	3	1	7.1	0
untreat	1706	greenbelt	1	primary	47	28	4	1	7.5	0
untreat	1706	greenbelt	1	primary	47	28	5	1	7.8	0
untreat	1706	greenbelt	1	primary	47	28	6	1	8.3	0
untreat	1706	greenbelt	1	primary	47	28	7	1	8.1	0
untreat	1706	greenbelt	1	primary	47	28	8	1	7.7	0
untreat	1706	greenbelt	1	primary	47	28	9	1	8.4	0
untreat	1706	greenbelt	1	primary	47	28	10	1	8	0
untreat	1706	greenbelt	1	primary	47	28	11	1	8.4	0
untreat	1706	greenbelt	1	primary	47	28	12	1	8.4	0
untreat	1706	greenbelt	1	primary	47	28	13	1	8.2	0
untreat	1706	greenbelt	1	primary	47	28	15	1	7.8	0
untreat	1706	greenbelt	1	primary	47	28	16	1	8.2	0
untreat	1706	greenbelt	1	primary	47	28	17	1	7.9	0
untreat	1706	greenbelt	1	primary	47	28	18	1	8.2	0
untreat	1706	greenbelt	1	primary	47	28	19	1	7.5	0
untreat	1706	greenbelt	1	primary	47	28	20	1	7.4	0
untreat	1706	greenbelt	1	primary	47	28	21	1	7.5	0
untreat	1706	greenbelt	1	primary	47	28	22	1	7.6	0
untreat	1706	greenbelt	1	primary	47	28	23	1	7.4	0
untreat	1706	greenbelt	1	primary	47	28	24	1	7.7	0
untreat	1706	greenbelt	1	primary	47	28	25	1	7.4	0
untreat	1706	greenbelt	1	primary	47	28	26	1	7.6	0
untreat	1706	greenbelt	1	primary	47	28	27	1	7.4	0
untreat	1706	greenbelt	1	primary	47	28	28	1	6.2	0
untreat	1706	greenbelt	1	primary	47	28	29	1	7	0
untreat	1706	greenbelt	1	primary	47	28	30	1	6.8	0
untreat	1706	greenbelt	1	primary	47	28	31	1	6.9	0
untreat	1706	greenbelt	1	primary	47	28	32	1	6.8	0
untreat	1706	greenbelt	1	primary	47	28	33	1	6.5	0
untreat	1706	greenbelt	1	primary	47	28	34	1	6.4	0
untreat	1706	greenbelt	1	primary	47	28	35	1	6.5	0
untreat	1706	greenbelt	1	primary	47	28	36	1	5.4	0
untreat	1706	greenbelt	1	primary	47	28	37	0	.	0
untreat	1706	greenbelt	1	primary	47	28	38	0	.	0
untreat	1706	greenbelt	1	primary	47	28	39	1	5	0
untreat	1706	greenbelt	1	primary	47	28	40	0	.	0
untreat	1706	greenbelt	1	primary	47	28	41	0	.	0
untreat	1706	greenbelt	1	primary	47	28	42	0	.	0
untreat	1706	greenbelt	1	primary	47	28	43	0	.	0
untreat	1706	greenbelt	1	primary	47	28	44	0	.	0
untreat	1706	greenbelt	1	primary	47	28	46	0	.	0
untreat	1706	greenbelt	1	primary	47	28	47	0	.	0
untreat	1706	greenbelt	1	primary	47	28	48	0	.	0
untreat	1706	greenbelt	1	primary	47	28	49	buds	.	0
untreat	1706	greenbelt	2	side	40	4	4	1	.	-2
untreat	1706	greenbelt	2	side	40	4	1	0	.	0
untreat	1706	greenbelt	2	side	40	4	2	1	6.5	0
untreat	1706	greenbelt	2	side	40	4	3	0	.	0
untreat	1706	greenbelt	2	side	40	4	5	1	3.5	0
untreat	1706	greenbelt	2	side	40	4	6	0	.	0
untreat	1706	greenbelt	2	side	40	4	7	0	.	0
untreat	1706	greenbelt	2	side	40	4	8	0	.	0
untreat	1706	greenbelt	2	side	40	4	9	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1706	greenbelt	2	side	40	4	10	buds	.	0
untreat	1707	greenbelt	1	primary	28.5	12.5	1	1	5	0
untreat	1707	greenbelt	1	primary	28.5	12.5	2	1	4.7	0
untreat	1707	greenbelt	1	primary	28.5	12.5	3	1	5.2	0
untreat	1707	greenbelt	1	primary	28.5	12.5	4	0	.	0
untreat	1707	greenbelt	1	primary	28.5	12.5	5	1	5.5	0
untreat	1707	greenbelt	1	primary	28.5	12.5	6	1	5.4	0
untreat	1707	greenbelt	1	primary	28.5	12.5	7	0	.	0
untreat	1707	greenbelt	1	primary	28.5	12.5	8	1	5.3	0
untreat	1707	greenbelt	1	primary	28.5	12.5	9	1	5.7	0
untreat	1707	greenbelt	1	primary	28.5	12.5	10	1	5.7	0
untreat	1707	greenbelt	1	primary	28.5	12.5	11	1	5.6	0
untreat	1707	greenbelt	1	primary	28.5	12.5	12	0	.	0
untreat	1707	greenbelt	1	primary	28.5	12.5	13	1	5.3	0
untreat	1707	greenbelt	1	primary	28.5	12.5	14	1	5.6	0
untreat	1707	greenbelt	1	primary	28.5	12.5	15	1	5.2	0
untreat	1707	greenbelt	1	primary	28.5	12.5	16	1	5.3	0
untreat	1707	greenbelt	1	primary	28.5	12.5	17	1	5	0
untreat	1707	greenbelt	1	primary	28.5	12.5	18	1	5.1	0
untreat	1707	greenbelt	1	primary	28.5	12.5	19	1	5.2	0
untreat	1707	greenbelt	1	primary	28.5	12.5	20	1	4.8	0
untreat	1707	greenbelt	1	primary	28.5	12.5	21	1	5.3	0
untreat	1707	greenbelt	1	primary	28.5	12.5	22	1	5	0
untreat	1707	greenbelt	1	primary	28.5	12.5	23	1	4.8	0
untreat	1707	greenbelt	1	primary	28.5	12.5	24	1	4.7	0
untreat	1707	greenbelt	1	primary	28.5	12.5	25	1	4.4	0
untreat	1707	greenbelt	1	primary	28.5	12.5	26	1	4.5	0
untreat	1707	greenbelt	1	primary	28.5	12.5	27	1	4.1	0
untreat	1707	greenbelt	1	primary	28.5	12.5	28	1	3.7	0
untreat	1707	greenbelt	1	primary	28.5	12.5	29	1	3.6	0
untreat	1707	greenbelt	1	primary	28.5	12.5	30	1	3.6	0
untreat	1707	greenbelt	1	primary	28.5	12.5	31	buds	.	0
untreat	1707	greenbelt	2	side	19	0.5	1	1	4.3	-1
untreat	1707	greenbelt	2	side	19	0.5	2	1	2.5	0
untreat	1707	greenbelt	2	side	19	0.5	3	1	4	0
untreat	1707	greenbelt	2	side	19	0.5	4	buds	.	0
untreat	1707	greenbelt	3	side	.	.	1	buds	.	0
untreat	1708	greenbelt	1	primary	37	19	6	1	5.8	-2
untreat	1708	greenbelt	1	primary	37	19	12	1	6.4	-2
untreat	1708	greenbelt	1	primary	37	19	1	1	6.7	0
untreat	1708	greenbelt	1	primary	37	19	2	1	7.1	0
untreat	1708	greenbelt	1	primary	37	19	3	1	6.2	0
untreat	1708	greenbelt	1	primary	37	19	4	1	6.9	0
untreat	1708	greenbelt	1	primary	37	19	5	1	6.1	0
untreat	1708	greenbelt	1	primary	37	19	7	1	6.8	0
untreat	1708	greenbelt	1	primary	37	19	8	1	6.2	0
untreat	1708	greenbelt	1	primary	37	19	9	1	6.7	0
untreat	1708	greenbelt	1	primary	37	19	10	0	.	0
untreat	1708	greenbelt	1	primary	37	19	11	1	6.8	0
untreat	1708	greenbelt	1	primary	37	19	13	1	6.8	0
untreat	1708	greenbelt	1	primary	37	19	14	1	7.1	0
untreat	1708	greenbelt	1	primary	37	19	15	1	6.8	0
untreat	1708	greenbelt	1	primary	37	19	16	1	6.5	0
untreat	1708	greenbelt	1	primary	37	19	17	1	7	0
untreat	1708	greenbelt	1	primary	37	19	18	1	6.8	0
untreat	1708	greenbelt	1	primary	37	19	19	1	6.7	0
untreat	1708	greenbelt	1	primary	37	19	20	1	6.6	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1708	greenbelt	1	primary	37	19	21	1	6.6	0
untreat	1708	greenbelt	1	primary	37	19	22	1	6.3	0
untreat	1708	greenbelt	1	primary	37	19	23	1	6.8	0
untreat	1708	greenbelt	1	primary	37	19	24	1	6.9	0
untreat	1708	greenbelt	1	primary	37	19	25	1	4	0
untreat	1708	greenbelt	1	primary	37	19	26	1	5.8	0
untreat	1708	greenbelt	1	primary	37	19	27	1	.	0
untreat	1708	greenbelt	1	primary	37	19	28	1	5	0
untreat	1708	greenbelt	1	primary	37	19	29	1	5.3	0
untreat	1708	greenbelt	1	primary	37	19	30	1	4.6	0
untreat	1708	greenbelt	1	primary	37	19	31	1	4	0
untreat	1708	greenbelt	1	primary	37	19	32	0	.	0
untreat	1708	greenbelt	1	primary	37	19	33	0	.	0
untreat	1708	greenbelt	1	primary	37	19	34	0	.	0
untreat	1708	greenbelt	1	primary	37	19	35	buds	.	0
untreat	1709	greenbelt	1	primary	28.5	.	16	1	3	-2
untreat	1709	greenbelt	1	primary	28.5	.	19	1	5	-2
untreat	1709	greenbelt	1	primary	28.5	.	1	1	6.4	0
untreat	1709	greenbelt	1	primary	28.5	.	2	1	6.5	0
untreat	1709	greenbelt	1	primary	28.5	.	3	1	6.5	0
untreat	1709	greenbelt	1	primary	28.5	.	4	1	6.4	0
untreat	1709	greenbelt	1	primary	28.5	.	5	1	7	0
untreat	1709	greenbelt	1	primary	28.5	.	6	1	6.8	0
untreat	1709	greenbelt	1	primary	28.5	.	7	1	7.3	0
untreat	1709	greenbelt	1	primary	28.5	.	8	1	7	0
untreat	1709	greenbelt	1	primary	28.5	.	9	1	7.4	0
untreat	1709	greenbelt	1	primary	28.5	.	10	1	6.9	0
untreat	1709	greenbelt	1	primary	28.5	.	11	1	6.8	0
untreat	1709	greenbelt	1	primary	28.5	.	12	1	7	0
untreat	1709	greenbelt	1	primary	28.5	.	13	1	7	0
untreat	1709	greenbelt	1	primary	28.5	.	14	1	6.5	0
untreat	1709	greenbelt	1	primary	28.5	.	15	1	6.5	0
untreat	1709	greenbelt	1	primary	28.5	.	17	1	4.9	0
untreat	1709	greenbelt	1	primary	28.5	.	18	1	3.9	0
untreat	1709	greenbelt	1	primary	28.5	.	20	0	.	0
untreat	1709	greenbelt	1	primary	28.5	.	21	0	.	0
untreat	1709	greenbelt	1	primary	28.5	.	22	buds	.	0
untreat	1710	greenbelt	1	primary	42.5	17	23	1	0.4	-2
untreat	1710	greenbelt	1	primary	42.5	17	28	1	1.6	-2
untreat	1710	greenbelt	1	primary	42.5	17	18	1	5.4	-1
untreat	1710	greenbelt	1	primary	42.5	17	1	0	.	0
untreat	1710	greenbelt	1	primary	42.5	17	2	1	4.3	0
untreat	1710	greenbelt	1	primary	42.5	17	3	1	4.9	0
untreat	1710	greenbelt	1	primary	42.5	17	4	1	4.4	0
untreat	1710	greenbelt	1	primary	42.5	17	5	1	3.9	0
untreat	1710	greenbelt	1	primary	42.5	17	6	1	5.1	0
untreat	1710	greenbelt	1	primary	42.5	17	7	1	4.4	0
untreat	1710	greenbelt	1	primary	42.5	17	8	1	4.5	0
untreat	1710	greenbelt	1	primary	42.5	17	9	0	.	0
untreat	1710	greenbelt	1	primary	42.5	17	10	1	5.6	0
untreat	1710	greenbelt	1	primary	42.5	17	11	1	4.8	0
untreat	1710	greenbelt	1	primary	42.5	17	12	1	5.5	0
untreat	1710	greenbelt	1	primary	42.5	17	13	1	6	0
untreat	1710	greenbelt	1	primary	42.5	17	14	1	5.7	0
untreat	1710	greenbelt	1	primary	42.5	17	15	1	5.7	0
untreat	1710	greenbelt	1	primary	42.5	17	16	1	5.6	0
untreat	1710	greenbelt	1	primary	42.5	17	17	1	5.5	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frlength	condition
untreat	1710	greenbelt	1	primary	42.5	17	19	1	5.7	0
untreat	1710	greenbelt	1	primary	42.5	17	20	1	5.4	0
untreat	1710	greenbelt	1	primary	42.5	17	21	1	5.7	0
untreat	1710	greenbelt	1	primary	42.5	17	22	0	.	0
untreat	1710	greenbelt	1	primary	42.5	17	24	0	4.2	0
untreat	1710	greenbelt	1	primary	42.5	17	25	1	2.6	0
untreat	1710	greenbelt	1	primary	42.5	17	26	1	3.4	0
untreat	1710	greenbelt	1	primary	42.5	17	27	1	1.6	0
untreat	1710	greenbelt	1	primary	42.5	17	29	1	4.1	0
untreat	1710	greenbelt	1	primary	42.5	17	30	0	.	0
untreat	1710	greenbelt	1	primary	42.5	17	31	1	3.6	0
untreat	1710	greenbelt	1	primary	42.5	17	32	1	2.2	0
untreat	1710	greenbelt	1	primary	42.5	17	33	0	.	0
untreat	1710	greenbelt	1	primary	42.5	17	34	0	.	0
untreat	1710	greenbelt	1	primary	42.5	17	35	0	.	0
untreat	1710	greenbelt	1	primary	42.5	17	36	buds	.	0
untreat	1711	greenbelt	1	primary	37.5	.	1	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	2	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	3	inf	.	0
untreat	1711	greenbelt	1	primary	37.5	.	4	inf	.	0
untreat	1711	greenbelt	1	primary	37.5	.	5	inf	.	0
untreat	1711	greenbelt	1	primary	37.5	.	6	inf	.	0
untreat	1711	greenbelt	1	primary	37.5	.	7	inf	.	0
untreat	1711	greenbelt	1	primary	37.5	.	8	1	7.1	0
untreat	1711	greenbelt	1	primary	37.5	.	9	1	7.4	0
untreat	1711	greenbelt	1	primary	37.5	.	10	1	8.4	0
untreat	1711	greenbelt	1	primary	37.5	.	11	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	12	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	13	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	14	1	8.5	0
untreat	1711	greenbelt	1	primary	37.5	.	15	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	16	1	8.6	0
untreat	1711	greenbelt	1	primary	37.5	.	17	1	8	0
untreat	1711	greenbelt	1	primary	37.5	.	18	1	8.3	0
untreat	1711	greenbelt	1	primary	37.5	.	19	1	7.8	0
untreat	1711	greenbelt	1	primary	37.5	.	20	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	21	1	8	0
untreat	1711	greenbelt	1	primary	37.5	.	22	1	8.2	0
untreat	1711	greenbelt	1	primary	37.5	.	23	1	8.4	0
untreat	1711	greenbelt	1	primary	37.5	.	24	1	8.2	0
untreat	1711	greenbelt	1	primary	37.5	.	25	1	8.1	0
untreat	1711	greenbelt	1	primary	37.5	.	26	1	8.5	0
untreat	1711	greenbelt	1	primary	37.5	.	27	1	7.6	0
untreat	1711	greenbelt	1	primary	37.5	.	28	1	8.2	0
untreat	1711	greenbelt	1	primary	37.5	.	29	1	8	0
untreat	1711	greenbelt	1	primary	37.5	.	30	1	8.3	0
untreat	1711	greenbelt	1	primary	37.5	.	31	1	7.4	0
untreat	1711	greenbelt	1	primary	37.5	.	32	1	8.3	0
untreat	1711	greenbelt	1	primary	37.5	.	33	.	.	0
untreat	1711	greenbelt	1	primary	37.5	.	34	1	7.2	0
untreat	1711	greenbelt	1	primary	37.5	.	35	1	3	0
untreat	1711	greenbelt	1	primary	37.5	.	36	1	5.8	0
untreat	1711	greenbelt	1	primary	37.5	.	37	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	38	1	6.5	0
untreat	1711	greenbelt	1	primary	37.5	.	39	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	40	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	41	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1711	greenbelt	1	primary	37.5	.	42	1	8.2	0
untreat	1711	greenbelt	1	primary	37.5	.	43	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	44	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	45	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	46	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	47	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	48	0	.	0
untreat	1711	greenbelt	1	primary	37.5	.	49	0	.	0
untreat	1711	greenbelt	2	basal	.	.	1	0	.	0
untreat	1711	greenbelt	2	basal	.	.	2	0	.	0
untreat	1711	greenbelt	2	basal	.	.	3	1	7.2	0
untreat	1711	greenbelt	2	basal	.	.	4	0	.	0
untreat	1711	greenbelt	2	basal	.	.	5	0	.	0
untreat	1711	greenbelt	2	basal	.	.	6	0	.	0
untreat	1711	greenbelt	2	basal	.	.	7	0	.	0
untreat	1711	greenbelt	2	basal	.	.	8	1	6.6	0
untreat	1711	greenbelt	2	basal	.	.	9	0	.	0
untreat	1711	greenbelt	2	basal	.	.	10	1	6.6	0
untreat	1711	greenbelt	2	basal	.	.	11	1	6.8	0
untreat	1711	greenbelt	2	basal	.	.	12	1	7	0
untreat	1711	greenbelt	2	basal	.	.	13	1	7.3	0
untreat	1711	greenbelt	2	basal	.	.	14	1	6.4	0
untreat	1711	greenbelt	2	basal	.	.	15	1	6.2	0
untreat	1711	greenbelt	2	basal	.	.	16	1	6.5	0
untreat	1711	greenbelt	2	basal	.	.	17	1	6.4	0
untreat	1711	greenbelt	2	basal	.	.	18	1	5.8	0
untreat	1711	greenbelt	2	basal	.	.	19	1	5.1	0
untreat	1711	greenbelt	2	basal	.	.	20	0	.	0
untreat	1711	greenbelt	2	basal	.	.	21	buds	.	0
untreat	1711	greenbelt	3	side	.	.	1	0	.	0
untreat	1711	greenbelt	3	side	.	.	2	0	.	0
untreat	1711	greenbelt	3	side	.	.	3	1	6.5	0
untreat	1711	greenbelt	3	side	.	.	4	0	.	0
untreat	1711	greenbelt	3	side	.	.	5	1	6.1	0
untreat	1711	greenbelt	3	side	.	.	6	1	6.4	0
untreat	1711	greenbelt	3	side	.	.	7	1	6.5	0
untreat	1711	greenbelt	3	side	.	.	8	1	6.3	0
untreat	1711	greenbelt	3	side	.	.	9	0	.	0
untreat	1711	greenbelt	3	side	.	.	10	0	.	0
untreat	1711	greenbelt	3	side	.	.	11	buds	.	0
untreat	1711	greenbelt	4	side	.	.	1	0	.	0
untreat	1711	greenbelt	4	side	.	.	2	0	.	0
untreat	1711	greenbelt	4	side	.	.	3	0	.	0
untreat	1711	greenbelt	4	side	.	.	4	0	.	0
untreat	1711	greenbelt	4	side	.	.	5	1	5.7	0
untreat	1711	greenbelt	4	side	.	.	6	0	.	0
untreat	1711	greenbelt	4	side	.	.	7	1	6.5	0
untreat	1711	greenbelt	4	side	.	.	8	1	5.2	0
untreat	1711	greenbelt	4	side	.	.	9	buds	.	0
untreat	1711	greenbelt	5	side	.	.	1	0	.	0
untreat	1711	greenbelt	5	side	.	.	2	0	.	0
untreat	1711	greenbelt	5	side	.	.	3	1	6.8	0
untreat	1711	greenbelt	5	side	.	.	4	0	.	0
untreat	1711	greenbelt	5	side	.	.	5	1	3.5	0
untreat	1711	greenbelt	5	side	.	.	6	0	.	0
untreat	1711	greenbelt	5	side	.	.	7	1	3	0
untreat	1711	greenbelt	5	side	.	.	8	buds	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1711	greenbelt	6	side	.	.	1	1	.	-2
untreat	1711	greenbelt	6	side	.	.	2	1	.	-2
untreat	1711	greenbelt	6	side	.	.	3	1	.	-2
untreat	1712	greenbelt	1	primary	16	7.5	1	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	2	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	3	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	4	0	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	5	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	6	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	7	0	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	8	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	9	0	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	10	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	11	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	12	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	13	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	14	0	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	15	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	16	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	17	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	18	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	19	1	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	20	0	.	nm
untreat	1712	greenbelt	1	primary	16	7.5	21	0	.	nm
untreat	1714	greenbelt	1	primary	31.8	9.7	7	1	5.5	-2
untreat	1714	greenbelt	1	primary	31.8	9.7	10	1	3.8	-2
untreat	1714	greenbelt	1	primary	31.8	9.7	1	1	6.4	-1
untreat	1714	greenbelt	1	primary	31.8	9.7	2	1	6.2	-1
untreat	1714	greenbelt	1	primary	31.8	9.7	4	1	6	-1
untreat	1714	greenbelt	1	primary	31.8	9.7	13	1	6.2	-1
untreat	1714	greenbelt	1	primary	31.8	9.7	14	1	5.7	-1
untreat	1714	greenbelt	1	primary	31.8	9.7	15	0	5.7	-1
untreat	1714	greenbelt	1	primary	31.8	9.7	3	1	6.5	0
untreat	1714	greenbelt	1	primary	31.8	9.7	5	1	6.2	0
untreat	1714	greenbelt	1	primary	31.8	9.7	6	1	6.2	0
untreat	1714	greenbelt	1	primary	31.8	9.7	8	1	6.8	0
untreat	1714	greenbelt	1	primary	31.8	9.7	9	1	6.5	0
untreat	1714	greenbelt	1	primary	31.8	9.7	11	1	6.6	0
untreat	1714	greenbelt	1	primary	31.8	9.7	12	0	.	0
untreat	1714	greenbelt	1	primary	31.8	9.7	16	1	2.7	0
untreat	1714	greenbelt	1	primary	31.8	9.7	17	1	3	0
untreat	1714	greenbelt	1	primary	31.8	9.7	18	0	.	0
untreat	1714	greenbelt	1	primary	31.8	9.7	19	0	.	0
untreat	1714	greenbelt	1	primary	31.8	9.7	20	0	.	0
untreat	1714	greenbelt	1	primary	31.8	9.7	21	0	.	0
untreat	1714	greenbelt	1	primary	31.8	9.7	22	buds	.	0
untreat	1715	greenbelt	1	primary	41.5	.	1	1	6.5	0
untreat	1715	greenbelt	1	primary	41.5	.	2	inf	.	0
untreat	1715	greenbelt	1	primary	41.5	.	3	1	5.5	0
untreat	1715	greenbelt	1	primary	41.5	.	4	1	6.3	0
untreat	1715	greenbelt	1	primary	41.5	.	5	inf	.	0
untreat	1715	greenbelt	1	primary	41.5	.	6	1	5.3	0
untreat	1715	greenbelt	1	primary	41.5	.	7	1	6.4	0
untreat	1715	greenbelt	1	primary	41.5	.	8	1	5.2	0
untreat	1715	greenbelt	1	primary	41.5	.	9	1	5	0
untreat	1715	greenbelt	1	primary	41.5	.	10	1	5.6	0
untreat	1715	greenbelt	1	primary	41.5	.	11	1	6.4	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1715	greenbelt	1	primary	41.5	.	12	1	6	0
untreat	1715	greenbelt	1	primary	41.5	.	13	1	6.3	0
untreat	1715	greenbelt	1	primary	41.5	.	14	1	5.8	0
untreat	1715	greenbelt	1	primary	41.5	.	15	1	6.2	0
untreat	1715	greenbelt	1	primary	41.5	.	16	1	5.7	0
untreat	1715	greenbelt	1	primary	41.5	.	17	1	6.3	0
untreat	1715	greenbelt	1	primary	41.5	.	18	1	6	0
untreat	1715	greenbelt	1	primary	41.5	.	19	1	7	0
untreat	1715	greenbelt	1	primary	41.5	.	20	1	6.4	0
untreat	1715	greenbelt	1	primary	41.5	.	21	1	6.8	0
untreat	1715	greenbelt	1	primary	41.5	.	22	1	6.9	0
untreat	1715	greenbelt	1	primary	41.5	.	23	1	6.8	0
untreat	1715	greenbelt	1	primary	41.5	.	24	1	6.8	0
untreat	1715	greenbelt	1	primary	41.5	.	25	1	5.6	0
untreat	1715	greenbelt	1	primary	41.5	.	26	0	.	0
untreat	1715	greenbelt	1	primary	41.5	.	27	1	6.3	0
untreat	1715	greenbelt	1	primary	41.5	.	28	1	6.6	0
untreat	1715	greenbelt	1	primary	41.5	.	29	1	5.7	0
untreat	1715	greenbelt	1	primary	41.5	.	30	1	6.3	0
untreat	1715	greenbelt	1	primary	41.5	.	31	1	6.4	0
untreat	1715	greenbelt	1	primary	41.5	.	32	1	6.3	0
untreat	1715	greenbelt	1	primary	41.5	.	33	1	6.1	0
untreat	1715	greenbelt	1	primary	41.5	.	34	1	5.7	0
untreat	1715	greenbelt	1	primary	41.5	.	35	1	6.2	0
untreat	1715	greenbelt	1	primary	41.5	.	36	1	6.1	0
untreat	1715	greenbelt	1	primary	41.5	.	37	1	5.5	0
untreat	1715	greenbelt	1	primary	41.5	.	38	1	5.5	0
untreat	1715	greenbelt	1	primary	41.5	.	39	0	.	0
untreat	1715	greenbelt	1	primary	41.5	.	40	0	.	0
untreat	1715	greenbelt	1	primary	41.5	.	41	0	.	0
untreat	1715	greenbelt	1	primary	41.5	.	42	buds	.	0
untreat	1715	greenbelt	2	side	.	.	1	buds	.	0
untreat	1715	greenbelt	3	side	.	.	1	1	5.5	0
untreat	1715	greenbelt	3	side	.	.	2	1	5.3	0
untreat	1715	greenbelt	3	side	.	.	3	1	4.8	0
untreat	1715	greenbelt	3	side	.	.	4	1	5.2	0
untreat	1715	greenbelt	3	side	.	.	5	1	3.2	0
untreat	1715	greenbelt	3	side	.	.	6	1	2.3	0
untreat	1715	greenbelt	3	side	.	.	7	1	2.6	0
untreat	1715	greenbelt	3	side	.	.	8	1	3.1	0
untreat	1715	greenbelt	4	side	.	.	1	0	.	0
untreat	1715	greenbelt	4	side	.	.	2	1	5.2	0
untreat	1715	greenbelt	4	side	.	.	3	0	.	0
untreat	1715	greenbelt	4	side	.	.	4	0	.	0
untreat	1715	greenbelt	4	side	.	.	5	0	.	0
untreat	1715	greenbelt	4	side	.	.	6	1	5	0
untreat	1715	greenbelt	4	side	.	.	7	1	4.6	0
untreat	1715	greenbelt	4	side	.	.	8	0	.	0
untreat	1715	greenbelt	4	side	.	.	9	1	5.3	0
untreat	1715	greenbelt	4	side	.	.	10	1	3.4	0
untreat	1715	greenbelt	4	side	.	.	11	buds	.	0
untreat	1715	greenbelt	5	side	.	.	1	1	3.4	0
untreat	1715	greenbelt	5	side	.	.	2	1	5.6	0
untreat	1715	greenbelt	5	side	.	.	3	1	4.7	0
untreat	1715	greenbelt	5	side	.	.	4	1	4.5	0
untreat	1715	greenbelt	5	side	.	.	5	1	4.9	0
untreat	1715	greenbelt	5	side	.	.	6	1	3.1	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1715	greenbelt	5	side	.	.	7	1	2.5	0
untreat	1715	greenbelt	5	side	.	.	8	1	5.3	0
untreat	1715	greenbelt	5	side	.	.	9	1	3.7	0
untreat	1715	greenbelt	5	side	.	.	10	buds	.	0
untreat	1716	greenbelt	1	primary	44.5	.	29	1	0.9	-2
untreat	1716	greenbelt	1	primary	44.5	.	30	1	0.8	-2
untreat	1716	greenbelt	1	primary	44.5	.	37	1	.	-2
untreat	1716	greenbelt	1	primary	44.5	.	44	1	2.6	-2
untreat	1716	greenbelt	1	primary	44.5	.	1	1	6.4	-1
untreat	1716	greenbelt	1	primary	44.5	.	5	1	3.2	-1
untreat	1716	greenbelt	1	primary	44.5	.	7	1	3.7	-1
untreat	1716	greenbelt	1	primary	44.5	.	12	1	3.5	-1
untreat	1716	greenbelt	1	primary	44.5	.	17	1	4.7	-1
untreat	1716	greenbelt	1	primary	44.5	.	18	1	5.1	-1
untreat	1716	greenbelt	1	primary	44.5	.	20	1	5	-1
untreat	1716	greenbelt	1	primary	44.5	.	22	1	4.3	-1
untreat	1716	greenbelt	1	primary	44.5	.	2	1	4.8	0
untreat	1716	greenbelt	1	primary	44.5	.	3	1	3.7	0
untreat	1716	greenbelt	1	primary	44.5	.	4	1	5.9	0
untreat	1716	greenbelt	1	primary	44.5	.	6	1	2.1	0
untreat	1716	greenbelt	1	primary	44.5	.	8	1	2.7	0
untreat	1716	greenbelt	1	primary	44.5	.	9	1	2.4	0
untreat	1716	greenbelt	1	primary	44.5	.	10	1	3	0
untreat	1716	greenbelt	1	primary	44.5	.	11	1	2.4	0
untreat	1716	greenbelt	1	primary	44.5	.	13	1	4	0
untreat	1716	greenbelt	1	primary	44.5	.	14	1	3.5	0
untreat	1716	greenbelt	1	primary	44.5	.	15	1	4	0
untreat	1716	greenbelt	1	primary	44.5	.	16	1	.	0
untreat	1716	greenbelt	1	primary	44.5	.	19	0	4	0
untreat	1716	greenbelt	1	primary	44.5	.	21	1	4.4	0
untreat	1716	greenbelt	1	primary	44.5	.	23	1	4.7	0
untreat	1716	greenbelt	1	primary	44.5	.	24	1	3.8	0
untreat	1716	greenbelt	1	primary	44.5	.	25	1	3.3	0
untreat	1716	greenbelt	1	primary	44.5	.	26	1	1.8	0
untreat	1716	greenbelt	1	primary	44.5	.	27	1	4.5	0
untreat	1716	greenbelt	1	primary	44.5	.	28	1	3.8	0
untreat	1716	greenbelt	1	primary	44.5	.	31	1	3.3	0
untreat	1716	greenbelt	1	primary	44.5	.	32	1	3	0
untreat	1716	greenbelt	1	primary	44.5	.	33	1	2.4	0
untreat	1716	greenbelt	1	primary	44.5	.	34	0	.	0
untreat	1716	greenbelt	1	primary	44.5	.	35	1	3.2	0
untreat	1716	greenbelt	1	primary	44.5	.	36	1	4	0
untreat	1716	greenbelt	1	primary	44.5	.	38	1	3	0
untreat	1716	greenbelt	1	primary	44.5	.	39	1	.	0
untreat	1716	greenbelt	1	primary	44.5	.	40	1	2.4	0
untreat	1716	greenbelt	1	primary	44.5	.	41	1	3.2	0
untreat	1716	greenbelt	1	primary	44.5	.	42	1	4	0
untreat	1716	greenbelt	1	primary	44.5	.	43	1	3	0
untreat	1716	greenbelt	1	primary	44.5	.	45	1	3.5	0
untreat	1716	greenbelt	1	primary	44.5	.	46	1	2.4	0
untreat	1716	greenbelt	1	primary	44.5	.	47	1	3.5	0
untreat	1716	greenbelt	1	primary	44.5	.	48	1	1.6	0
untreat	1716	greenbelt	2	side	.	.	1	1	2.3	0
untreat	1716	greenbelt	2	side	.	.	2	1	5.4	0
untreat	1716	greenbelt	2	side	.	.	3	1	3.3	0
untreat	1716	greenbelt	2	side	.	.	4	0	.	0
untreat	1716	greenbelt	2	side	.	.	5	1	3.4	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1716	greenbelt	2	side	.	.	6	1	2.6	0
untreat	1716	greenbelt	2	side	.	.	7	1	2.8	0
untreat	1716	greenbelt	2	side	.	.	8	1	1.6	0
untreat	1716	greenbelt	2	side	.	.	9	1	1.8	0
untreat	1716	greenbelt	2	side	.	.	10	1	3.7	0
untreat	1716	greenbelt	2	side	.	.	11	1	3.7	0
untreat	1716	greenbelt	2	side	.	.	13	1	3	0
untreat	1716	greenbelt	2	side	.	.	14	1	3.2	0
untreat	1716	greenbelt	2	side	.	.	15	1	3.6	0
untreat	1716	greenbelt	2	side	.	.	12	0	.	ga
untreat	1716	greenbelt	3	side	.	.	1	0	.	0
untreat	1716	greenbelt	3	side	.	.	2	0	.	0
untreat	1716	greenbelt	3	side	.	.	3	0	.	0
untreat	1716	greenbelt	3	side	.	.	4	1	2.1	0
untreat	1716	greenbelt	3	side	.	.	5	0	.	0
untreat	1716	greenbelt	3	side	.	.	6	1	1.4	0
untreat	1716	greenbelt	3	side	.	.	7	1	1.8	0
untreat	1716	greenbelt	3	side	.	.	8	1	1.3	0
untreat	1716	greenbelt	3	side	.	.	9	1	2.8	0
untreat	1716	greenbelt	3	side	.	.	10	1	1.9	0
untreat	1716	greenbelt	3	side	.	.	11	0	.	0
untreat	1716	greenbelt	3	side	.	.	12	0	.	0
untreat	1716	greenbelt	3	side	.	.	13	1	3	0
untreat	1716	greenbelt	3	side	.	.	14	buds	.	0
untreat	1716	greenbelt	4	side	.	.	1	0	.	0
untreat	1716	greenbelt	4	side	.	.	2	0	.	0
untreat	1716	greenbelt	4	side	.	.	3	1	2.1	0
untreat	1716	greenbelt	4	side	.	.	4	1	1.9	0
untreat	1716	greenbelt	4	side	.	.	5	1	2.5	0
untreat	1716	greenbelt	4	side	.	.	6	0	.	0
untreat	1716	greenbelt	4	side	.	.	7	buds	.	0
untreat	1717	greenbelt	1	primary	38.4	21.5	16	1	7.4	-1
untreat	1717	greenbelt	1	primary	38.4	21.5	23	1	5.3	-1
untreat	1717	greenbelt	1	primary	38.4	21.5	26	1	5.6	-1
untreat	1717	greenbelt	1	primary	38.4	21.5	1	1	7.4	0
untreat	1717	greenbelt	1	primary	38.4	21.5	2	inf	.	0
untreat	1717	greenbelt	1	primary	38.4	21.5	3	1	7.6	0
untreat	1717	greenbelt	1	primary	38.4	21.5	4	1	7.2	0
untreat	1717	greenbelt	1	primary	38.4	21.5	5	1	7.1	0
untreat	1717	greenbelt	1	primary	38.4	21.5	6	1	7.2	0
untreat	1717	greenbelt	1	primary	38.4	21.5	7	1	7.4	0
untreat	1717	greenbelt	1	primary	38.4	21.5	8	1	7.5	0
untreat	1717	greenbelt	1	primary	38.4	21.5	9	1	7.5	0
untreat	1717	greenbelt	1	primary	38.4	21.5	10	1	7.3	0
untreat	1717	greenbelt	1	primary	38.4	21.5	11	1	7.1	0
untreat	1717	greenbelt	1	primary	38.4	21.5	12	1	7.2	0
untreat	1717	greenbelt	1	primary	38.4	21.5	13	1	7.5	0
untreat	1717	greenbelt	1	primary	38.4	21.5	14	1	7.4	0
untreat	1717	greenbelt	1	primary	38.4	21.5	15	1	7.6	0
untreat	1717	greenbelt	1	primary	38.4	21.5	17	1	7.7	0
untreat	1717	greenbelt	1	primary	38.4	21.5	18	1	7.2	0
untreat	1717	greenbelt	1	primary	38.4	21.5	19	1	7	0
untreat	1717	greenbelt	1	primary	38.4	21.5	20	1	7.4	0
untreat	1717	greenbelt	1	primary	38.4	21.5	21	1	6.8	0
untreat	1717	greenbelt	1	primary	38.4	21.5	22	1	7	0
untreat	1717	greenbelt	1	primary	38.4	21.5	24	1	6.6	0
untreat	1717	greenbelt	1	primary	38.4	21.5	25	1	6.2	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frlength	condition
untreat	1717	greenbelt	1	primary	38.4	21.5	27	1	5.8	0
untreat	1717	greenbelt	1	primary	38.4	21.5	28	1	6.2	0
untreat	1717	greenbelt	1	primary	38.4	21.5	29	0	.	0
untreat	1717	greenbelt	1	primary	38.4	21.5	30	0	.	0
untreat	1717	greenbelt	1	primary	38.4	21.5	31	1	5.5	0
untreat	1717	greenbelt	1	primary	38.4	21.5	32	1	5.6	0
untreat	1717	greenbelt	1	primary	38.4	21.5	33	0	.	0
untreat	1717	greenbelt	1	primary	38.4	21.5	34	0	.	0
untreat	1717	greenbelt	1	primary	38.4	21.5	35	0	.	0
untreat	1717	greenbelt	1	primary	38.4	21.5	36	0	.	0
untreat	1717	greenbelt	1	primary	38.4	21.5	37	buds	.	0
untreat	1717	greenbelt	2	primary	27.5	.	1	1	5.6	0
untreat	1717	greenbelt	2	primary	27.5	.	2	1	6.3	0
untreat	1717	greenbelt	2	primary	27.5	.	3	1	5.5	0
untreat	1717	greenbelt	2	primary	27.5	.	4	1	5	0
untreat	1717	greenbelt	2	primary	27.5	.	5	1	5	0
untreat	1717	greenbelt	2	primary	27.5	.	6	0	.	0
untreat	1717	greenbelt	2	primary	27.5	.	7	0	.	0
untreat	1717	greenbelt	2	primary	27.5	.	8	0	.	0
untreat	1717	greenbelt	2	primary	27.5	.	9	buds	.	0
untreat	1718	greenbelt	1	primary	32	18	23	1	7.2	-2
untreat	1718	greenbelt	1	primary	32	18	32	1	7.6	-2
untreat	1718	greenbelt	1	primary	32	18	35	1	6.9	-2
untreat	1718	greenbelt	1	primary	32	18	36	1	2.1	-2
untreat	1718	greenbelt	1	primary	32	18	4	1	6.8	-1
untreat	1718	greenbelt	1	primary	32	18	6	1	7	-1
untreat	1718	greenbelt	1	primary	32	18	8	1	7	-1
untreat	1718	greenbelt	1	primary	32	18	9	1	6.1	-1
untreat	1718	greenbelt	1	primary	32	18	10	1	6.5	-1
untreat	1718	greenbelt	1	primary	32	18	11	1	7.1	-1
untreat	1718	greenbelt	1	primary	32	18	21	1	7.4	-1
untreat	1718	greenbelt	1	primary	32	18	22	1	7.1	-1
untreat	1718	greenbelt	1	primary	32	18	28	1	7.7	-1
untreat	1718	greenbelt	1	primary	32	18	29	1	7.6	-1
untreat	1718	greenbelt	1	primary	32	18	30	1	7.6	-1
untreat	1718	greenbelt	1	primary	32	18	1	0	.	0
untreat	1718	greenbelt	1	primary	32	18	2	1	6.5	0
untreat	1718	greenbelt	1	primary	32	18	3	0	.	0
untreat	1718	greenbelt	1	primary	32	18	5	0	.	0
untreat	1718	greenbelt	1	primary	32	18	7	1	7.1	0
untreat	1718	greenbelt	1	primary	32	18	12	1	7.3	0
untreat	1718	greenbelt	1	primary	32	18	13	1	7.5	0
untreat	1718	greenbelt	1	primary	32	18	14	1	7	0
untreat	1718	greenbelt	1	primary	32	18	15	1	7.5	0
untreat	1718	greenbelt	1	primary	32	18	16	1	7.1	0
untreat	1718	greenbelt	1	primary	32	18	17	1	6.8	0
untreat	1718	greenbelt	1	primary	32	18	18	1	7	0
untreat	1718	greenbelt	1	primary	32	18	19	1	7.6	0
untreat	1718	greenbelt	1	primary	32	18	20	1	7.4	0
untreat	1718	greenbelt	1	primary	32	18	24	1	6.8	0
untreat	1718	greenbelt	1	primary	32	18	25	1	7.3	0
untreat	1718	greenbelt	1	primary	32	18	26	1	7.2	0
untreat	1718	greenbelt	1	primary	32	18	27	1	7.7	0
untreat	1718	greenbelt	1	primary	32	18	31	1	7.4	0
untreat	1718	greenbelt	1	primary	32	18	33	1	7.6	0
untreat	1718	greenbelt	1	primary	32	18	34	1	6.9	0
untreat	1718	greenbelt	1	primary	32	18	37	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1718	greenbelt	1	primary	32	18	38	1	.	0
untreat	1718	greenbelt	2	primary	32	18	1	1	5.2	0
untreat	1718	greenbelt	2	primary	32	18	2	1	3.5	0
untreat	1718	greenbelt	2	primary	32	18	3	1	2.3	0
untreat	1718	greenbelt	2	primary	32	18	4	buds	.	0
untreat	1719	greenbelt	1	primary	33	.	11	1	5.1	-1
untreat	1719	greenbelt	1	primary	33	.	16	1	5.7	-1
untreat	1719	greenbelt	1	primary	33	.	25	1	5.3	-1
untreat	1719	greenbelt	1	primary	33	.	1	1	2	0
untreat	1719	greenbelt	1	primary	33	.	2	1	1.1	0
untreat	1719	greenbelt	1	primary	33	.	3	1	1.6	0
untreat	1719	greenbelt	1	primary	33	.	4	1	1.8	0
untreat	1719	greenbelt	1	primary	33	.	5	1	0.6	0
untreat	1719	greenbelt	1	primary	33	.	6	1	1.1	0
untreat	1719	greenbelt	1	primary	33	.	7	1	3.5	0
untreat	1719	greenbelt	1	primary	33	.	8	1	3.1	0
untreat	1719	greenbelt	1	primary	33	.	9	1	4.6	0
untreat	1719	greenbelt	1	primary	33	.	10	1	5.2	0
untreat	1719	greenbelt	1	primary	33	.	12	1	6.4	0
untreat	1719	greenbelt	1	primary	33	.	13	1	4.3	0
untreat	1719	greenbelt	1	primary	33	.	14	1	5.3	0
untreat	1719	greenbelt	1	primary	33	.	15	1	6	0
untreat	1719	greenbelt	1	primary	33	.	17	1	5.4	0
untreat	1719	greenbelt	1	primary	33	.	18	1	5.7	0
untreat	1719	greenbelt	1	primary	33	.	19	1	5.7	0
untreat	1719	greenbelt	1	primary	33	.	20	1	5.9	0
untreat	1719	greenbelt	1	primary	33	.	21	1	5.4	0
untreat	1719	greenbelt	1	primary	33	.	22	1	6	0
untreat	1719	greenbelt	1	primary	33	.	23	1	6.2	0
untreat	1719	greenbelt	1	primary	33	.	24	1	5.4	0
untreat	1719	greenbelt	1	primary	33	.	26	1	5.8	0
untreat	1719	greenbelt	1	primary	33	.	27	1	5.6	0
untreat	1719	greenbelt	1	primary	33	.	28	1	5.5	0
untreat	1719	greenbelt	1	primary	33	.	29	1	6	0
untreat	1719	greenbelt	1	primary	33	.	30	0	.	0
untreat	1719	greenbelt	1	primary	33	.	31		5.4	0
untreat	1719	greenbelt	1	primary	33	.	32	1	5.6	0
untreat	1719	greenbelt	1	primary	33	.	33	1	5.6	0
untreat	1719	greenbelt	1	primary	33	.	34	1	5.2	0
untreat	1719	greenbelt	1	primary	33	.	35	1	5.3	0
untreat	1719	greenbelt	1	primary	33	.	36	1	.	0
untreat	1719	greenbelt	1	primary	33	.	37	1	4.1	0
untreat	1719	greenbelt	1	primary	33	.	38	1	5.3	0
untreat	1719	greenbelt	1	primary	33	.	39	1	5.1	0
untreat	1719	greenbelt	1	primary	33	.	40	1	5	0
untreat	1719	greenbelt	1	primary	33	.	41	1	5.6	0
untreat	1719	greenbelt	1	primary	33	.	42	1	5.6	0
untreat	1719	greenbelt	1	primary	33	.	43	1	2.3	0
untreat	1719	greenbelt	1	primary	33	.	44	0	.	0
untreat	1719	greenbelt	1	primary	33	.	45	0	.	0
untreat	1719	greenbelt	1	primary	33	.	46	buds	.	0
untreat	1719	greenbelt	2	side	.	TOP	3	1	4.8	-1
untreat	1719	greenbelt	2	side	.	TOP	1	1	5.2	0
untreat	1719	greenbelt	2	side	.	TOP	2	1	4.8	0
untreat	1719	greenbelt	2	side	.	TOP	4	1	5.3	0
untreat	1722	greenbelt	1	primary	34	.	2	1	.	-2
untreat	1722	greenbelt	1	primary	34	.	1	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frlength	condition
untreat	1722	greenbelt	1	primary	34	.	3	1	7.2	0
untreat	1722	greenbelt	1	primary	34	.	4	1	8.8	0
untreat	1722	greenbelt	1	primary	34	.	5	0	.	0
untreat	1722	greenbelt	1	primary	34	.	6	1	8.9	0
untreat	1722	greenbelt	1	primary	34	.	7	0	.	0
untreat	1722	greenbelt	1	primary	34	.	8	1	9.8	0
untreat	1722	greenbelt	1	primary	34	.	9	1	8.6	0
untreat	1722	greenbelt	1	primary	34	.	10	1	9.3	0
untreat	1722	greenbelt	1	primary	34	.	11	1	8.6	0
untreat	1722	greenbelt	1	primary	34	.	12	1	7.8	0
untreat	1722	greenbelt	1	primary	34	.	13	1	8	0
untreat	1722	greenbelt	1	primary	34	.	14	1	8.5	0
untreat	1722	greenbelt	1	primary	34	.	15	0	.	0
untreat	1722	greenbelt	1	primary	34	.	16	1	8	0
untreat	1722	greenbelt	1	primary	34	.	17	1	7.6	0
untreat	1722	greenbelt	1	primary	34	.	18	1	8.5	0
untreat	1722	greenbelt	1	primary	34	.	19	1	7.8	0
untreat	1722	greenbelt	1	primary	34	.	20	1	8.2	0
untreat	1722	greenbelt	1	primary	34	.	21	1	7.8	0
untreat	1722	greenbelt	1	primary	34	.	22	1	7.2	0
untreat	1722	greenbelt	1	primary	34	.	23	1	7.4	0
untreat	1722	greenbelt	1	primary	34	.	24	1	7.4	0
untreat	1722	greenbelt	1	primary	34	.	25	1	6.5	0
untreat	1722	greenbelt	1	primary	34	.	26	1	6.6	0
untreat	1722	greenbelt	1	primary	34	.	27	1	6.1	0
untreat	1722	greenbelt	1	primary	34	.	28	1	6.1	0
untreat	1722	greenbelt	1	primary	34	.	29	0	.	0
untreat	1722	greenbelt	1	primary	34	.	30	0	.	0
untreat	1722	greenbelt	1	primary	34	.	31	0	.	0
untreat	1722	greenbelt	1	primary	34	.	32	buds	.	0
untreat	1723	greenbelt	1	primary	42	.	1	0	.	0
untreat	1723	greenbelt	1	primary	42	.	2	1	4	0
untreat	1723	greenbelt	1	primary	42	.	3	1	4.7	0
untreat	1723	greenbelt	1	primary	42	.	4	1	4	0
untreat	1723	greenbelt	1	primary	42	.	5	1	4.3	0
untreat	1723	greenbelt	1	primary	42	.	6	1	4.6	0
untreat	1723	greenbelt	1	primary	42	.	7	1	4.2	0
untreat	1723	greenbelt	1	primary	42	.	8	1	4.8	0
untreat	1723	greenbelt	1	primary	42	.	9	1	4	0
untreat	1723	greenbelt	1	primary	42	.	10	1	5	0
untreat	1723	greenbelt	1	primary	42	.	11	1	4.9	0
untreat	1723	greenbelt	1	primary	42	.	12	1	5	0
untreat	1723	greenbelt	1	primary	42	.	13	1	5.3	0
untreat	1723	greenbelt	1	primary	42	.	14	1	4.8	0
untreat	1723	greenbelt	1	primary	42	.	15	1	5.3	0
untreat	1723	greenbelt	1	primary	42	.	16	1	5.5	0
untreat	1723	greenbelt	1	primary	42	.	17	1	4.3	0
untreat	1723	greenbelt	1	primary	42	.	18	1	4.2	0
untreat	1723	greenbelt	1	primary	42	.	19	0	.	0
untreat	1723	greenbelt	1	primary	42	.	20	1	4.8	0
untreat	1723	greenbelt	1	primary	42	.	21	1	5	0
untreat	1723	greenbelt	1	primary	42	.	22	1	4.6	0
untreat	1723	greenbelt	1	primary	42	.	23	1	4.3	0
untreat	1723	greenbelt	1	primary	42	.	24	1	3.2	0
untreat	1723	greenbelt	1	primary	42	.	25	0	.	0
untreat	1723	greenbelt	1	primary	42	.	26	0	.	0
untreat	1723	greenbelt	1	primary	42	.	27	buds	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1724	greenbelt	1	primary	25.5	15.1	1	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	2	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	3	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	4	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	5	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	6	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	7	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	8	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	9	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	10	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	11	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	12	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	13	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	14	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	15	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	16	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	17	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	18	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	19	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	20	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	21	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	22	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	23	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	24	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	25	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	26	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	27	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	28	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	29	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	30	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	31	0	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	32	0	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	33	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	34	0	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	35	0	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	36	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	37	0	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	38	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	39	1	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	40	0	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	41	0	.	nm
untreat	1724	greenbelt	1	primary	25.5	15.1	42	0	.	nm
untreat	1724	greenbelt	2	side	.	.	1	1	.	nm
untreat	1724	greenbelt	2	side	.	.	2	1	.	nm
untreat	1724	greenbelt	2	side	.	.	3	0	.	nm
untreat	1724	greenbelt	2	side	.	.	4	1	.	nm
untreat	1724	greenbelt	2	side	.	.	5	1	.	nm
untreat	1724	greenbelt	2	side	.	.	6	1	.	nm
untreat	1724	greenbelt	2	side	.	.	7	0	.	nm
untreat	1725	greenbelt	1	primary	36.4	18	23	1	.	-2
untreat	1725	greenbelt	1	primary	36.4	18	1	1	7.1	0
untreat	1725	greenbelt	1	primary	36.4	18	2	1	6.9	0
untreat	1725	greenbelt	1	primary	36.4	18	3	0	.	0
untreat	1725	greenbelt	1	primary	36.4	18	4	1	6.9	0
untreat	1725	greenbelt	1	primary	36.4	18	5	1	7.1	0
untreat	1725	greenbelt	1	primary	36.4	18	6	1	7.4	0
untreat	1725	greenbelt	1	primary	36.4	18	7	1	7.3	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1725	greenbelt	1	primary	36.4	18	8	1	7.1	0
untreat	1725	greenbelt	1	primary	36.4	18	9	1	7.4	0
untreat	1725	greenbelt	1	primary	36.4	18	10	1	6.9	0
untreat	1725	greenbelt	1	primary	36.4	18	11	1	7.9	0
untreat	1725	greenbelt	1	primary	36.4	18	12	1	6.9	0
untreat	1725	greenbelt	1	primary	36.4	18	13	1	6.4	0
untreat	1725	greenbelt	1	primary	36.4	18	14	1	.	0
untreat	1725	greenbelt	1	primary	36.4	18	15	1	6.5	0
untreat	1725	greenbelt	1	primary	36.4	18	16	1	7.1	0
untreat	1725	greenbelt	1	primary	36.4	18	17	1	6.9	0
untreat	1725	greenbelt	1	primary	36.4	18	18	1	.	0
untreat	1725	greenbelt	1	primary	36.4	18	19	1	6.8	0
untreat	1725	greenbelt	1	primary	36.4	18	20	1	5.8	0
untreat	1725	greenbelt	1	primary	36.4	18	21	1	2.9	0
untreat	1725	greenbelt	1	primary	36.4	18	22	1	6.3	0
untreat	1725	greenbelt	1	primary	36.4	18	24	0	.	0
untreat	1725	greenbelt	1	primary	36.4	18	25	1	6.2	0
untreat	1725	greenbelt	1	primary	36.4	18	26	0	.	0
untreat	1725	greenbelt	1	primary	36.4	18	27	0	.	0
untreat	1725	greenbelt	1	primary	36.4	18	28	1	4.7	0
untreat	1725	greenbelt	1	primary	36.4	18	29	0	.	0
untreat	1725	greenbelt	1	primary	36.4	18	30	0	.	0
untreat	1725	greenbelt	1	primary	36.4	18	31	0	.	0
untreat	1725	greenbelt	1	primary	36.4	18	32	0	.	0
untreat	1725	greenbelt	1	primary	36.4	18	33	buds	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	1	1	6.2	-1
untreat	1727	greenbelt	1	primary	27.5	14.6	4	1	6.7	-1
untreat	1727	greenbelt	1	primary	27.5	14.6	5	1	5.7	-1
untreat	1727	greenbelt	1	primary	27.5	14.6	6	1	5.4	-1
untreat	1727	greenbelt	1	primary	27.5	14.6	23	1	5.9	-1
untreat	1727	greenbelt	1	primary	27.5	14.6	24	1	5.7	-1
untreat	1727	greenbelt	1	primary	27.5	14.6	30	1	2.5	-1
untreat	1727	greenbelt	1	primary	27.5	14.6	2	inf	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	3	1	2.3	0
untreat	1727	greenbelt	1	primary	27.5	14.6	7	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	8	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	9	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	10	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	11	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	12	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	13	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	14	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	15	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	16	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	17	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	18	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	19	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	20	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	21	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	22	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	25	1	5.2	0
untreat	1727	greenbelt	1	primary	27.5	14.6	26	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	27	1	5.3	0
untreat	1727	greenbelt	1	primary	27.5	14.6	28	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	29	1	5.6	0
untreat	1727	greenbelt	1	primary	27.5	14.6	31	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	32	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1727	greenbelt	1	primary	27.5	14.6	33	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	34	1	3	0
untreat	1727	greenbelt	1	primary	27.5	14.6	35	1	1.8	0
untreat	1727	greenbelt	1	primary	27.5	14.6	36	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	37	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	38	0	.	0
untreat	1727	greenbelt	1	primary	27.5	14.6	39	buds	.	0
untreat	1727	greenbelt	2	side	21	2.8	1	1	5.5	0
untreat	1727	greenbelt	2	side	21	2.8	2	0	.	0
untreat	1727	greenbelt	2	side	21	2.8	3	1	5.8	0
untreat	1727	greenbelt	2	side	21	2.8	4	1	4.6	0
untreat	1727	greenbelt	2	side	21	2.8	5	1	4.5	0
untreat	1727	greenbelt	2	side	21	2.8	6	0	.	0
untreat	1727	greenbelt	3	side	15	4	5	1	4.7	-1
untreat	1727	greenbelt	3	side	15	4	1	0	.	0
untreat	1727	greenbelt	3	side	15	4	2	0	.	0
untreat	1727	greenbelt	3	side	15	4	3	0	.	0
untreat	1727	greenbelt	3	side	15	4	4	1	3.6	0
untreat	1727	greenbelt	3	side	15	4	6	1	2.8	0
untreat	1727	greenbelt	3	side	15	4	7	1	4.3	0
untreat	1727	greenbelt	3	side	15	4	8	0	.	0
untreat	1727	greenbelt	3	side	15	4	9	buds	.	0
untreat	1727	greenbelt	4	side	18.5	0.4	1	0	.	0
untreat	1727	greenbelt	4	side	18.5	0.4	2	0	.	0
untreat	1727	greenbelt	4	side	18.5	0.4	3	1	2.8	0
untreat	1727	greenbelt	4	side	18.5	0.4	4	buds	.	0
untreat	1728	greenbelt	1	primary	28	.	22	1	5.1	-1
untreat	1728	greenbelt	1	primary	28	.	23	1	4.5	-1
untreat	1728	greenbelt	1	primary	28	.	1	1	5.5	0
untreat	1728	greenbelt	1	primary	28	.	2	1	5.1	0
untreat	1728	greenbelt	1	primary	28	.	3	1	5.5	0
untreat	1728	greenbelt	1	primary	28	.	4	1	5.4	0
untreat	1728	greenbelt	1	primary	28	.	5	1	5.4	0
untreat	1728	greenbelt	1	primary	28	.	6	1	5.4	0
untreat	1728	greenbelt	1	primary	28	.	7	1	5.3	0
untreat	1728	greenbelt	1	primary	28	.	8	1	5.6	0
untreat	1728	greenbelt	1	primary	28	.	9	1	5.5	0
untreat	1728	greenbelt	1	primary	28	.	10	1	5.6	0
untreat	1728	greenbelt	1	primary	28	.	11	1	5.1	0
untreat	1728	greenbelt	1	primary	28	.	12	1	5.3	0
untreat	1728	greenbelt	1	primary	28	.	13	1	5.7	0
untreat	1728	greenbelt	1	primary	28	.	14	1	5.7	0
untreat	1728	greenbelt	1	primary	28	.	15	1	5.5	0
untreat	1728	greenbelt	1	primary	28	.	16	1	5.7	0
untreat	1728	greenbelt	1	primary	28	.	17	1	5.5	0
untreat	1728	greenbelt	1	primary	28	.	18	1	5.4	0
untreat	1728	greenbelt	1	primary	28	.	19	1	5.5	0
untreat	1728	greenbelt	1	primary	28	.	20	1	4.7	0
untreat	1728	greenbelt	1	primary	28	.	21	1	5.2	0
untreat	1728	greenbelt	1	primary	28	.	24	1	3	0
untreat	1728	greenbelt	1	primary	28	.	25	0	0	0
untreat	1728	greenbelt	1	primary	28	.	26	1	1.2	0
untreat	1729	greenbelt	1	primary	36.3	16	25	1	.	-2
untreat	1729	greenbelt	1	primary	36.3	16	24	1	4.8	-1
untreat	1729	greenbelt	1	primary	36.3	16	1	1	8.1	0
untreat	1729	greenbelt	1	primary	36.3	16	2	1	7.2	0
untreat	1729	greenbelt	1	primary	36.3	16	3	1	8	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1729	greenbelt	1	primary	36.3	16	4	1	7.5	0
untreat	1729	greenbelt	1	primary	36.3	16	5	1	8	0
untreat	1729	greenbelt	1	primary	36.3	16	6	1	8.4	0
untreat	1729	greenbelt	1	primary	36.3	16	7	1	8	0
untreat	1729	greenbelt	1	primary	36.3	16	8	1	8.5	0
untreat	1729	greenbelt	1	primary	36.3	16	9	1	8.2	0
untreat	1729	greenbelt	1	primary	36.3	16	10	1	8.3	0
untreat	1729	greenbelt	1	primary	36.3	16	11	1	8.5	0
untreat	1729	greenbelt	1	primary	36.3	16	12	1	8.7	0
untreat	1729	greenbelt	1	primary	36.3	16	13	1	7.8	0
untreat	1729	greenbelt	1	primary	36.3	16	14	1	7.5	0
untreat	1729	greenbelt	1	primary	36.3	16	15	1	7.5	0
untreat	1729	greenbelt	1	primary	36.3	16	16	1	7.2	0
untreat	1729	greenbelt	1	primary	36.3	16	17	1	8.1	0
untreat	1729	greenbelt	1	primary	36.3	16	18	1	7.2	0
untreat	1729	greenbelt	1	primary	36.3	16	19	1	7.5	0
untreat	1729	greenbelt	1	primary	36.3	16	20	1	7.5	0
untreat	1729	greenbelt	1	primary	36.3	16	21	0	.	0
untreat	1729	greenbelt	1	primary	36.3	16	22	1	6.4	0
untreat	1729	greenbelt	1	primary	36.3	16	23	0	.	0
untreat	1729	greenbelt	1	primary	36.3	16	26	0	.	0
untreat	1729	greenbelt	1	primary	36.3	16	27	0	.	0
untreat	1729	greenbelt	1	primary	36.3	16	28	0	.	0
untreat	1729	greenbelt	1	primary	36.3	16	29	buds	.	0
untreat	1730	greenbelt	1	primary	37	21	35	1	5.9	-1
untreat	1730	greenbelt	1	primary	37	21	39	1	1.2	-1
untreat	1730	greenbelt	1	primary	37	21	40	1	4	-1
untreat	1730	greenbelt	1	primary	37	21	42	1	2.8	-1
untreat	1730	greenbelt	1	primary	37	21	45	1	4	-1
untreat	1730	greenbelt	1	primary	37	21	48	1	5	-1
untreat	1730	greenbelt	1	primary	37	21	1	0	.	0
untreat	1730	greenbelt	1	primary	37	21	2	1	5.6	0
untreat	1730	greenbelt	1	primary	37	21	3	0	.	0
untreat	1730	greenbelt	1	primary	37	21	4	1	5	0
untreat	1730	greenbelt	1	primary	37	21	5	0	.	0
untreat	1730	greenbelt	1	primary	37	21	6	1	5.2	0
untreat	1730	greenbelt	1	primary	37	21	7	0	.	0
untreat	1730	greenbelt	1	primary	37	21	8	1	5.5	0
untreat	1730	greenbelt	1	primary	37	21	9	1	5.3	0
untreat	1730	greenbelt	1	primary	37	21	10	1	5.8	0
untreat	1730	greenbelt	1	primary	37	21	11	1	5.9	0
untreat	1730	greenbelt	1	primary	37	21	12	1	6	0
untreat	1730	greenbelt	1	primary	37	21	13	1	6.2	0
untreat	1730	greenbelt	1	primary	37	21	14	1	6.2	0
untreat	1730	greenbelt	1	primary	37	21	15	1	6.5	0
untreat	1730	greenbelt	1	primary	37	21	16	1	6.6	0
untreat	1730	greenbelt	1	primary	37	21	17	1	6.3	0
untreat	1730	greenbelt	1	primary	37	21	18	1	6.1	0
untreat	1730	greenbelt	1	primary	37	21	19	1	5.9	0
untreat	1730	greenbelt	1	primary	37	21	20	1	6.2	0
untreat	1730	greenbelt	1	primary	37	21	21	1	6.6	0
untreat	1730	greenbelt	1	primary	37	21	22	1	6.2	0
untreat	1730	greenbelt	1	primary	37	21	23	1	6.5	0
untreat	1730	greenbelt	1	primary	37	21	24	1	6.4	0
untreat	1730	greenbelt	1	primary	37	21	25	1	6.4	0
untreat	1730	greenbelt	1	primary	37	21	26	1	6.5	0
untreat	1730	greenbelt	1	primary	37	21	27	1	6	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1730	greenbelt	1	primary	37	21	28	1	6.2	0
untreat	1730	greenbelt	1	primary	37	21	29	1	6	0
untreat	1730	greenbelt	1	primary	37	21	30	1	6.5	0
untreat	1730	greenbelt	1	primary	37	21	31	1	6.2	0
untreat	1730	greenbelt	1	primary	37	21	32	1	5.6	0
untreat	1730	greenbelt	1	primary	37	21	33	1	5.9	0
untreat	1730	greenbelt	1	primary	37	21	34	1	6	0
untreat	1730	greenbelt	1	primary	37	21	36	1	6.4	0
untreat	1730	greenbelt	1	primary	37	21	37	1	5.8	0
untreat	1730	greenbelt	1	primary	37	21	38	1	6.4	0
untreat	1730	greenbelt	1	primary	37	21	41	0	.	0
untreat	1730	greenbelt	1	primary	37	21	43	0	.	0
untreat	1730	greenbelt	1	primary	37	21	44	1	5.7	0
untreat	1730	greenbelt	1	primary	37	21	46	1	5	0
untreat	1730	greenbelt	1	primary	37	21	47	0	.	0
untreat	1730	greenbelt	1	primary	37	21	49	1	4.1	0
untreat	1730	greenbelt	1	primary	37	21	50	1	5	0
untreat	1730	greenbelt	1	primary	37	21	51	1	4.3	0
untreat	1730	greenbelt	1	primary	37	21	52	0	.	0
untreat	1730	greenbelt	1	primary	37	21	53	0	.	0
untreat	1730	greenbelt	1	primary	37	21	54	0	.	0
untreat	1730	greenbelt	1	primary	37	21	55	0	.	0
untreat	1730	greenbelt	1	primary	37	21	56	0	.	0
untreat	1730	greenbelt	1	primary	37	21	57	buds	.	0
untreat	1730	greenbelt	2	side	18	.	1	1	1.7	0
untreat	1730	greenbelt	2	side	18	.	2	0	.	0
untreat	1730	greenbelt	2	side	18	.	3	1	2.8	0
untreat	1730	greenbelt	2	side	18	.	4	0	.	0
untreat	1730	greenbelt	2	side	18	.	5	buds	.	0
untreat	1730	greenbelt	3	side	21.4	.	1	1	5.5	0
untreat	1730	greenbelt	3	side	21.4	.	2	0	.	0
untreat	1730	greenbelt	3	side	21.4	.	3	1	5	0
untreat	1730	greenbelt	3	side	21.4	.	4	1	4.8	0
untreat	1730	greenbelt	3	side	21.4	.	5	1	5.2	0
untreat	1730	greenbelt	3	side	21.4	.	6	0	.	0
untreat	1730	greenbelt	3	side	21.4	.	7	1	3.9	0
untreat	1730	greenbelt	3	side	21.4	..	8	1	4.3	0
untreat	1730	greenbelt	3	side	21.4	.	9	buds	.	0
untreat	1801	gregory	1	primary	47	.	1	1	.	nm
untreat	1801	gregory	1	primary	47	.	2	1	.	nm
untreat	1801	gregory	1	primary	47	.	3	1	.	nm
untreat	1801	gregory	1	primary	47	.	4	1	.	nm
untreat	1801	gregory	1	primary	47	.	5	1	.	nm
untreat	1801	gregory	1	primary	47	.	6	1	.	nm
untreat	1801	gregory	1	primary	47	.	7	1	.	nm
untreat	1801	gregory	1	primary	47	.	8	1	.	nm
untreat	1801	gregory	1	primary	47	.	9	0	.	nm
untreat	1801	gregory	1	primary	47	.	10	1	.	nm
untreat	1802	gregory	1	primary	7.1	TOP	.	.	.	.
untreat	1802	gregory	2	side	14	0.5	1	0	.	0
untreat	1802	gregory	2	side	14	0.5	2	0	.	0
untreat	1802	gregory	2	side	14	0.5	3	0	.	0
untreat	1802	gregory	3	side	19	1.5	3	1	.	-2
untreat	1802	gregory	3	side	19	1.5	2	1	2.1	-1
untreat	1802	gregory	3	side	19	1.5	1	0	.	0
untreat	1802	gregory	3	side	19	1.5	4	1	1.6	0
untreat	1802	gregory	3	side	19	1.5	5	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1802	gregory	3	side	19	1.5	6	0	.	0
untreat	1802	gregory	3	side	19	1.5	7	buds	.	0
untreat	1802	gregory	4	side	18	1.5	2	1	3.4	-1
untreat	1802	gregory	4	side	18	1.5	4	1	4.3	-1
untreat	1802	gregory	4	side	18	1.5	1	0	.	0
untreat	1802	gregory	4	side	18	1.5	3	1	2	0
untreat	1802	gregory	4	side	18	1.5	5	0	.	0
untreat	1802	gregory	4	side	18	1.5	6	buds	.	0
untreat	1802	gregory	5	side	23	1	1	0	.	0
untreat	1802	gregory	5	side	23	1	2	0	.	0
untreat	1802	gregory	5	side	23	1	3	0	.	0
untreat	1802	gregory	5	side	23	1	4	0	.	0
untreat	1802	gregory	5	side	23	1	5	0	.	0
untreat	1802	gregory	5	side	23	1	6	0	.	0
untreat	1802	gregory	5	side	23	1	7	buds	.	0
untreat	1802	gregory	6	side	18	1	1	0	.	0
untreat	1802	gregory	6	side	18	1	3	0	.	0
untreat	1802	gregory	6	side	18	1	4	0	.	0
untreat	1802	gregory	6	side	18	1	2	0	.	ga
untreat	1803	gregory	1	primary	28.5	8.5	3	1	6.5	-1
untreat	1803	gregory	1	primary	28.5	8.5	1	0	.	0
untreat	1803	gregory	1	primary	28.5	8.5	2	0	.	0
untreat	1803	gregory	1	primary	28.5	8.5	4	1	6.1	0
untreat	1803	gregory	1	primary	28.5	8.5	5	1	6.5	0
untreat	1803	gregory	1	primary	28.5	8.5	6	1	5.7	0
untreat	1803	gregory	1	primary	28.5	8.5	7	0	.	0
untreat	1803	gregory	1	primary	28.5	8.5	8	1	3	0
untreat	1803	gregory	1	primary	28.5	8.5	9	1	6.7	0
untreat	1803	gregory	1	primary	28.5	8.5	10	0	.	0
untreat	1803	gregory	1	primary	28.5	8.5	11	0	.	0
untreat	1803	gregory	1	primary	28.5	8.5	12	0	.	0
untreat	1803	gregory	1	primary	28.5	8.5	13	0	.	0
untreat	1803	gregory	1	primary	28.5	8.5	14	0	.	0
untreat	1803	gregory	1	primary	28.5	8.5	15	buds	.	0
untreat	1804	gregory	1	primary	30.5		8	1	4.1	-2
untreat	1804	gregory	1	primary	30.5		3	1	6.6	-1
untreat	1804	gregory	1	primary	30.5		7	1	5.1	-1
untreat	1804	gregory	1	primary	30.5		1	1	7.1	0
untreat	1804	gregory	1	primary	30.5		2	0	.	0
untreat	1804	gregory	1	primary	30.5		4	1	6.3	0
untreat	1804	gregory	1	primary	30.5		5	1	6	0
untreat	1804	gregory	1	primary	30.5		6	0	.	0
untreat	1804	gregory	1	primary	30.5		9	buds	.	0
untreat	1805	gregory	1	primary	35		1	1	6	-1
untreat	1805	gregory	1	primary	35		4	1	6.4	-1
untreat	1805	gregory	1	primary	35		2	1	6	0
untreat	1805	gregory	1	primary	35		3	1	3.8	0
untreat	1805	gregory	1	primary	35		5	1	4	0
untreat	1805	gregory	1	primary	35		6	1	6.2	0
untreat	1805	gregory	1	primary	35		7	1	6.4	0
untreat	1805	gregory	1	primary	35		8	1	6.6	0
untreat	1805	gregory	1	primary	35		9	0	.	0
untreat	1805	gregory	1	primary	35		10	1	6.9	0
untreat	1805	gregory	1	primary	35		11	0	.	0
untreat	1805	gregory	1	primary	35		12	0	.	0
untreat	1805	gregory	1	primary	35		13	0	.	0
untreat	1805	gregory	1	primary	35		14	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1805	gregory	1	primary	35	.	17	0	.	0
untreat	1805	gregory	1	primary	35	.	18	buds	.	0
untreat	1805	gregory	1	primary	35	.	15	0	.	ga
untreat	1805	gregory	1	primary	35	.	16	0	.	ga
untreat	1806	gregory	1	primary	.	TOP	.	.	.	.
untreat	1806	gregory	2	side	34.5	9	1	1	8.5	-1
untreat	1806	gregory	2	side	34.5	9	2	1	8.9	-1
untreat	1806	gregory	2	side	34.5	9	4	1	7	-1
untreat	1806	gregory	2	side	34.5	9	5	1	8.2	-1
untreat	1806	gregory	2	side	34.5	9	6	1	9	-1
untreat	1806	gregory	2	side	34.5	9	9	1	7.2	-1
untreat	1806	gregory	2	side	34.5	9	10	1	7.5	-1
untreat	1806	gregory	2	side	34.5	9	3	0	.	0
untreat	1806	gregory	2	side	34.5	9	7	1	9.2	0
untreat	1806	gregory	2	side	34.5	9	8	0	.	0
untreat	1806	gregory	2	side	34.5	9	11	0	.	0
untreat	1806	gregory	2	side	34.5	9	14	0	.	0
untreat	1806	gregory	2	side	34.5	9	15	0	.	0
untreat	1806	gregory	2	side	34.5	9	16	0	.	0
untreat	1806	gregory	2	side	34.5	9	17	buds	.	0
untreat	1806	gregory	2	side	34.5	9	12	1	7.6	ga
untreat	1806	gregory	2	side	34.5	9	13	1	8.7	ga
untreat	1808	gregory	1	primary	39	.	5	1	5.2	-1
untreat	1808	gregory	1	primary	39	.	6	1	7.8	-1
untreat	1808	gregory	1	primary	39	.	10	1	8.2	-1
untreat	1808	gregory	1	primary	39	.	16	1	.9	-1
untreat	1808	gregory	1	primary	39	.	1	1	4.5	0
untreat	1808	gregory	1	primary	39	.	2	0	.	0
untreat	1808	gregory	1	primary	39	.	3	0	.	0
untreat	1808	gregory	1	primary	39	.	4	1	7	0
untreat	1808	gregory	1	primary	39	.	7	0	.	0
untreat	1808	gregory	1	primary	39	.	8	1	7.1	0
untreat	1808	gregory	1	primary	39	.	9	0	.	0
untreat	1808	gregory	1	primary	39	.	11	1	8.4	0
untreat	1808	gregory	1	primary	39	.	12	0	.	0
untreat	1808	gregory	1	primary	39	.	13	1	7.2	0
untreat	1808	gregory	1	primary	39	.	14	1	7.8	0
untreat	1808	gregory	1	primary	39	.	15	1	5.5	0
untreat	1808	gregory	1	primary	39	.	17	1	6.6	0
untreat	1808	gregory	1	primary	39	.	18	1	5.8	0
untreat	1808	gregory	1	primary	39	.	19	1	2.1	0
untreat	1808	gregory	1	primary	39	.	20	1	4.7	0
untreat	1808	gregory	1	primary	39	.	21	0	.	0
untreat	1808	gregory	1	primary	39	.	26	0	.	0
untreat	1808	gregory	1	primary	39	.	27	buds	.	0
untreat	1808	gregory	1	primary	39	.	22	0	.	ga
untreat	1808	gregory	1	primary	39	.	23	0	.	ga
untreat	1808	gregory	1	primary	39	.	24	0	.	ga
untreat	1808	gregory	1	primary	39	.	25	0	.	ga
untreat	1809	gregory	1	primary	6	TOP	.	.	.	.
untreat	1809	gregory	2	basal	16	0.5	1	1	5.8	0
untreat	1809	gregory	2	basal	16	0.5	2	1	5.1	0
untreat	1809	gregory	2	basal	16	0.5	3	0	.	0
untreat	1809	gregory	2	basal	16	0.5	4	0	.	0
untreat	1809	gregory	3	basal	22	3	2	1	3.8	-1
untreat	1809	gregory	3	basal	22	3	3	1	4.5	-1
untreat	1809	gregory	3	basal	22	3	4	1	5.7	-1

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1809	gregory	3	basal	22	3	5	1	3.6	-1
untreat	1809	gregory	3	basal	22	3	1	1	5	0
untreat	1809	gregory	3	basal	22	3	6	1	5	0
untreat	1809	gregory	3	basal	22	3	7	buds	.	0
untreat	1809	gregory	4	basal	19	1	1	1	3.4	-1
untreat	1809	gregory	4	basal	19	1	2	1	4.5	-1
untreat	1809	gregory	4	basal	19	1	3	1	3.4	-1
untreat	1809	gregory	4	basal	19	1	4	0	.	0
untreat	1809	gregory	4	basal	19	1	5	buds	.	0
untreat	1811	gregory	1	primary	19.6	.	1	1	8	0
untreat	1811	gregory	1	primary	19.6	.	2	1	6.5	0
untreat	1811	gregory	1	primary	19.6	.	3	1	7.5	0
untreat	1811	gregory	1	primary	19.6	.	5	0	.	0
untreat	1811	gregory	1	primary	19.6	.	6	0	.	0
untreat	1811	gregory	1	primary	19.6	.	7	0	.	0
untreat	1811	gregory	1	primary	19.6	.	8	0	.	0
untreat	1811	gregory	1	primary	19.6	.	9	0	.	0
untreat	1811	gregory	1	primary	19.6	.	10	0	.	0
untreat	1811	gregory	1	primary	19.6	.	11	buds	.	0
untreat	1811	gregory	1	primary	19.6	.	4	0	.	0
untreat	1812	gregory	1	primary	32	.	1	1	7	0
untreat	1812	gregory	1	primary	32	.	2	1	7.5	0
untreat	1812	gregory	1	primary	32	.	3	1	1.1	0
untreat	1812	gregory	1	primary	32	.	4	1	9	0
untreat	1812	gregory	1	primary	32	.	5	1	6.6	0
untreat	1812	gregory	1	primary	32	.	6	1	8.5	0
untreat	1812	gregory	1	primary	32	.	7	0	.	0
untreat	1812	gregory	1	primary	32	.	8	0	.	0
untreat	1812	gregory	1	primary	32	.	9	0	.	0
untreat	1812	gregory	1	primary	32	.	10	0	.	0
untreat	1812	gregory	1	primary	32	.	11	0	.	0
untreat	1812	gregory	1	primary	32	.	12	buds	.	0
untreat	1813	gregory	1	primary	32.5	.	5	0	.	0
untreat	1813	gregory	1	primary	32.5	.	6	1	2.8	0
untreat	1813	gregory	1	primary	32.5	.	7	1	3.1	0
untreat	1813	gregory	1	primary	32.5	.	8	0	.	0
untreat	1813	gregory	1	primary	32.5	.	9	0	4	0
untreat	1813	gregory	1	primary	32.5	.	10	1	6.2	0
untreat	1813	gregory	1	primary	32.5	.	11	0	.	0
untreat	1813	gregory	1	primary	32.5	.	12	0	.	0
untreat	1813	gregory	1	primary	32.5	.	13	0	2.1	0
untreat	1813	gregory	1	primary	32.5	.	14	1	.	0
untreat	1813	gregory	1	primary	32.5	.	15	0	.	0
untreat	1813	gregory	1	primary	32.5	.	16	0	.	0
untreat	1813	gregory	1	primary	32.5	.	17	buds	4.2	0
untreat	1814	gregory	1	primary	52	.	6	1	8	-1
untreat	1814	gregory	1	primary	52	.	12	1	7.5	-1
untreat	1814	gregory	1	primary	52	.	13	1	8.5	-1
untreat	1814	gregory	1	primary	52	.	14	1	8.2	-1
untreat	1814	gregory	1	primary	52	.	16	1	2.6	-1
untreat	1814	gregory	1	primary	52	.	17	1	8.6	-1
untreat	1814	gregory	1	primary	52	.	20	1	6.4	-1
untreat	1814	gregory	1	primary	52	.	27	1	2.5	-1
untreat	1814	gregory	1	primary	52	.	1	0	.	0
untreat	1814	gregory	1	primary	52	.	2	1	4.1	0
untreat	1814	gregory	1	primary	52	.	3	0	.	0
untreat	1814	gregory	1	primary	52	.	4	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1814	gregory	1	primary	52	.	5	1	5.7	0
untreat	1814	gregory	1	primary	52	.	7	1	9.1	0
untreat	1814	gregory	1	primary	52	.	8	1	10.1	0
untreat	1814	gregory	1	primary	52	.	9	1	10.5	0
untreat	1814	gregory	1	primary	52	.	10	1	7.5	0
untreat	1814	gregory	1	primary	52	.	11	1	10	0
untreat	1814	gregory	1	primary	52	.	15	0	.	0
untreat	1814	gregory	1	primary	52	.	18	1	5	0
untreat	1814	gregory	1	primary	52	.	19	0	.	0
untreat	1814	gregory	1	primary	52	.	21	0	.	0
untreat	1814	gregory	1	primary	52	.	22	0	.	0
untreat	1814	gregory	1	primary	52	.	23	0	.	0
untreat	1814	gregory	1	primary	52	.	24	0	.	0
untreat	1814	gregory	1	primary	52	.	25	0	.	0
untreat	1814	gregory	1	primary	52	.	26	0	.	0
untreat	1814	gregory	1	primary	52	.	28	0	.	0
untreat	1814	gregory	1	primary	52	.	29	0	.	0
untreat	1814	gregory	1	primary	52	.	30	0	.	0
untreat	1814	gregory	1	primary	52	.	31	0	.	0
untreat	1814	gregory	1	primary	52	.	32	0	.	0
untreat	1814	gregory	1	primary	52	.	33	0	.	0
untreat	1814	gregory	1	primary	52	.	34	0	.	0
untreat	1814	gregory	1	primary	52	.	35	0	.	0
untreat	1814	gregory	1	primary	52	.	36	0	.	0
untreat	1814	gregory	1	primary	52	.	37	0	.	0
untreat	1815	gregory	1	primary	35.6	.	4	1	6.3	-1
untreat	1815	gregory	1	primary	35.6	.	5	1	6.1	-1
untreat	1815	gregory	1	primary	35.6	.	6	1	6.6	-1
untreat	1815	gregory	1	primary	35.6	.	9	1	6.5	-1
untreat	1815	gregory	1	primary	35.6	.	10	1	6.1	-1
untreat	1815	gregory	1	primary	35.6	.	11	1	6.5	-1
untreat	1815	gregory	1	primary	35.6	.	12	1	5.4	-1
untreat	1815	gregory	1	primary	35.6	.	13	1	6	-1
untreat	1815	gregory	1	primary	35.6	.	15	1	3	-1
untreat	1815	gregory	1	primary	35.6	.	16	1	2.7	-1
untreat	1815	gregory	1	primary	35.6	.	1	0	.	0
untreat	1815	gregory	1	primary	35.6	.	2	1	1.2	0
untreat	1815	gregory	1	primary	35.6	.	3	1	1.3	0
untreat	1815	gregory	1	primary	35.6	.	7	0	.	0
untreat	1815	gregory	1	primary	35.6	.	8	0	.	0
untreat	1815	gregory	1	primary	35.6	.	17	0	.	0
untreat	1815	gregory	1	primary	35.6	.	18	0	.	0
untreat	1815	gregory	1	primary	35.6	.	19	0	.	0
untreat	1815	gregory	1	primary	35.6	.	20	0	.	0
untreat	1815	gregory	1	primary	35.6	.	21	buds	.	0
untreat	1815	gregory	1	primary	35.6	.	14	0	.	ga
untreat	1818	gregory	1	primary	21.5	TOP	1	1	8.1	-1
untreat	1818	gregory	1	primary	21.5	TOP	2	1	6.3	-1
untreat	1818	gregory	1	primary	21.5	TOP	5	1	6.7	-1
untreat	1818	gregory	1	primary	21.5	TOP	3	1	3	0
untreat	1818	gregory	1	primary	21.5	TOP	4	0	.	0
untreat	1818	gregory	2	side	38	7	7	1	7.4	-1
untreat	1818	gregory	2	side	38	7	1	0	.	0
untreat	1818	gregory	2	side	38	7	2	1	1.2	0
untreat	1818	gregory	2	side	38	7	3	0	.	0
untreat	1818	gregory	2	side	38	7	4	1	1.8	0
untreat	1818	gregory	2	side	38	7	5	1	1.8	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1818	gregory	2	side	38	7	6	1	7.6	0
untreat	1818	gregory	2	side	38	7	8	1	6.6	0
untreat	1818	gregory	2	side	38	7	9	1	5.5	0
untreat	1818	gregory	2	side	38	7	10	buds	.	0
untreat	1818	gregory	3	side	29	2	1	0	.	0
untreat	1818	gregory	3	side	29	2	2	1	7	0
untreat	1818	gregory	3	side	29	2	3	0	.	0
untreat	1818	gregory	3	side	29	2	4	1	5.3	0
untreat	1818	gregory	4	side	29	4	1	0	.	0
untreat	1818	gregory	4	side	29	4	2	0	.	0
untreat	1818	gregory	4	side	29	4	3	1	6.7	0
untreat	1818	gregory	4	side	29	4	4	0	.	0
untreat	1818	gregory	4	side	29	4	5	1	5.7	0
untreat	1818	gregory	4	side	29	4	6	1	4.5	0
untreat	1818	gregory	4	side	29	4	7	buds	.	0
untreat	1819	gregory	1	primary	27.2	1.9	6	1	8.5	-1
untreat	1819	gregory	1	primary	27.2	1.9	1	1	6.6	0
untreat	1819	gregory	1	primary	27.2	1.9	2	1	7.9	0
untreat	1819	gregory	1	primary	27.2	1.9	3	1	6.3	0
untreat	1819	gregory	1	primary	27.2	1.9	4	1	7.8	0
untreat	1819	gregory	1	primary	27.2	1.9	5	1	5.4	0
untreat	1819	gregory	1	primary	27.2	1.9	7	1	7.4	0
untreat	1819	gregory	1	primary	27.2	1.9	8	0	.	0
untreat	1819	gregory	1	primary	27.2	1.9	9	0	.	0
untreat	1819	gregory	1	primary	27.2	1.9	10	1	3.5	0
untreat	1819	gregory	1	primary	27.2	1.9	11	0	.	0
untreat	1819	gregory	1	primary	27.2	1.9	12	buds	.	0
untreat	1820	gregory	1	primary	34.5	.	1	0	.	0
untreat	1820	gregory	1	primary	34.5	.	2	0	.	0
untreat	1820	gregory	1	primary	34.5	.	3	0	.	0
untreat	1820	gregory	1	primary	34.5	.	4	1	8.6	0
untreat	1820	gregory	1	primary	34.5	.	5	0	.	0
untreat	1820	gregory	1	primary	34.5	.	6	1	8	0
untreat	1820	gregory	1	primary	34.5	.	7	1	2.5	0
untreat	1820	gregory	1	primary	34.5	.	8	1	8.4	0
untreat	1820	gregory	1	primary	34.5	.	9	1	8	0
untreat	1820	gregory	1	primary	34.5	.	10	1	7.6	0
untreat	1820	gregory	1	primary	34.5	.	11	1	6	0
untreat	1820	gregory	1	primary	34.5	.	16	0	.	0
untreat	1820	gregory	1	primary	34.5	.	17	0	.	0
untreat	1820	gregory	1	primary	34.5	.	18	0	.	0
untreat	1820	gregory	1	primary	34.5	.	12	0	.	ga
untreat	1820	gregory	1	primary	34.5	.	13	0	.	ga
untreat	1820	gregory	1	primary	34.5	.	14	0	.	ga
untreat	1820	gregory	1	primary	34.5	.	15	0	.	ga
untreat	1821	gregory	1	ros2inf1	.	TOP	.	.	.	.
untreat	1821	gregory	2	ros2inf2	.	TOP	.	.	.	.
untreat	1821	gregory	3	ros2inf3	.	TOP	.	.	.	.
untreat	1821	gregory	4	ros2inf4	32	.	1	1	5.2	0
untreat	1821	gregory	4	ros2inf4	32	.	2	1	6.4	0
untreat	1821	gregory	4	ros2inf4	32	.	3	1	7.2	0
untreat	1821	gregory	4	ros2inf4	32	.	4	1	5.4	0
untreat	1821	gregory	4	ros2inf4	32	.	5	1	5.5	0
untreat	1821	gregory	5	ros2inf5	37.3	.	1	0	.	0
untreat	1821	gregory	5	ros2inf5	37.3	.	2	0	.	0
untreat	1821	gregory	5	ros2inf5	37.3	.	3	0	.	0
untreat	1821	gregory	5	ros2inf5	37.3	.	4	1	4.2	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1821	gregory	5	ros2inf5	37.3	.	5	1	5.1	0
untreat	1821	gregory	5	ros2inf5	37.3	.	6	1	5.8	0
untreat	1821	gregory	5	ros2inf5	37.3	.	7	buds	.	0
untreat	1821	gregory	1*	ros3inf5	30	8	5	1	5.5	-1
untreat	1821	gregory	1*	ros3inf6	30	8	6	1	5	-1
untreat	1821	gregory	1*	ros3inf8	30	8	8	1	5	-1
untreat	1821	gregory	1*	ros3inf1	30	8	1	0	.	0
untreat	1821	gregory	1*	ros3inf2	30	8	2	0	.	0
untreat	1821	gregory	1*	ros3inf3	30	8	3	1	5.7	0
untreat	1821	gregory	1*	ros3inf4	30	8	4	0	.	0
untreat	1821	gregory	1*	ros3inf7	30	8	7	0	.	0
untreat	1821	gregory	1*	ros3inf9	30	8	9	0	.	0
untreat	1821	gregory	1*	ros3inf10	30	8	10	0	.	0
untreat	1821	gregory	1*	ros3inf11	30	8	11	0	.	0
untreat	1822	gregory	1	primary	27	TOP	1	buds	.	0
untreat	1822	gregory	2	side	.	.	1	buds	.	0
untreat	1822	gregory	3	side	.	.	1	buds	.	0
untreat	1822	gregory	4	side	.	.	1	0	.	0
untreat	1822	gregory	4	side	.	.	2	0	.	0
untreat	1822	gregory	4	side	.	.	3	0	.	0
untreat	1822	gregory	4	side	.	.	4	buds	.	0
untreat	1822	gregory	5	side	34	.	1	0	.	0
untreat	1822	gregory	5	side	34	.	2	0	.	0
untreat	1822	gregory	5	side	34	.	3	0	.	0
untreat	1822	gregory	5	side	34	.	4	0	.	0
untreat	1822	gregory	5	side	34	.	5	0	.	0
untreat	1822	gregory	5	side	34	.	6	1	7.1	0
untreat	1822	gregory	5	side	34	.	7	1	5.3	0
untreat	1822	gregory	5	side	34	.	8	1	7.5	0
untreat	1822	gregory	5	side	34	.	9	1	2.8	0
untreat	1822	gregory	5	side	34	.	10	1	4.5	0
untreat	1822	gregory	5	side	34	.	11	1	3	0
untreat	1822	gregory	5	side	34	.	12	1	4.2	0
untreat	1822	gregory	5	side	34	.	13	buds	.	0
untreat	1822	gregory	6	side	18.5	.	1	buds	.	0
untreat	1822	gregory	7	side	35	.	1	0	.	0
untreat	1822	gregory	7	side	35	.	2	0	.	0
untreat	1822	gregory	7	side	35	.	3	0	.	0
untreat	1822	gregory	7	side	35	.	4	0	.	0
untreat	1822	gregory	7	side	35	.	5	1	3.1	0
untreat	1822	gregory	7	side	35	.	6	0	.	0
untreat	1822	gregory	7	side	35	.	7	0	.	0
untreat	1822	gregory	7	side	35	.	8	1	1.8	0
untreat	1822	gregory	7	side	35	.	9	0	.	0
untreat	1822	gregory	7	side	35	.	10	buds	.	0
untreat	1822	gregory	8	side	38	.	9	1	0.4	-2
untreat	1822	gregory	8	side	38	.	10	1	.	-2
untreat	1822	gregory	8	side	38	.	1	0	.	0
untreat	1822	gregory	8	side	38	.	2	0	.	0
untreat	1822	gregory	8	side	38	.	3	0	.	0
untreat	1822	gregory	8	side	38	.	4	0	.	0
untreat	1822	gregory	8	side	38	.	5	1	2.8	0
untreat	1822	gregory	8	side	38	.	6	1	6.4	0
untreat	1822	gregory	8	side	38	.	7	1	5.8	0
untreat	1822	gregory	8	side	38	.	8	1	5.8	0
untreat	1822	gregory	9	side	.	.	1	buds	.	0
untreat	1822	gregory	10	side	44	.	7	1	6.4	-1

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1822	gregory	10	side	44	.	3	1	6.2	0
untreat	1822	gregory	10	side	44	.	6	1	7.5	0
untreat	1822	gregory	10	side	44	.	8	1	7	0
untreat	1822	gregory	10	side	44	.	9	1	6.4	0
untreat	1822	gregory	10	side	44	.	10	1	6.9	0
untreat	1822	gregory	10	side	44	.	11	1	6.2	0
untreat	1822	gregory	10	side	44	.	12	1	5.1	0
untreat	1822	gregory	10	side	44	.	13	0	.	0
untreat	1822	gregory	10	side	44	.	14	buds	.	0
untreat	1822	gregory	10	side	44	.	1	0	.	ga
untreat	1822	gregory	10	side	44	.	2	0	.	ga
untreat	1822	gregory	10	side	44	.	4	0	.	ga
untreat	1822	gregory	10	side	44	.	5	0	.	ga
untreat	1823	gregory	1	primary	.	TOP	.	.	.	0
untreat	1823	gregory	2	side	32.5	.	1	0	.	0
untreat	1823	gregory	2	side	32.5	.	2	1	6	0
untreat	1823	gregory	2	side	32.5	.	3	1	6.6	0
untreat	1823	gregory	2	side	32.5	.	4	1	6.6	0
untreat	1823	gregory	2	side	32.5	.	5	1	5.5	0
untreat	1823	gregory	2	side	32.5	.	6	0	.	0
untreat	1823	gregory	2	side	32.5	.	7	buds	.	0
untreat	1824	gregory	1	primary	35.8	11.6	9	1	7	-1
untreat	1824	gregory	1	primary	35.8	11.6	11	1	4.6	-1
untreat	1824	gregory	1	primary	35.8	11.6	12	1	5.7	-1
untreat	1824	gregory	1	primary	35.8	11.6	13	1	5.7	-1
untreat	1824	gregory	1	primary	35.8	11.6	15	1	3	-1
untreat	1824	gregory	1	primary	35.8	11.6	16	1	8.1	-1
untreat	1824	gregory	1	primary	35.8	11.6	1	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	2	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	3	1	7.9	0
untreat	1824	gregory	1	primary	35.8	11.6	4	1	8.3	0
untreat	1824	gregory	1	primary	35.8	11.6	5	1	8.4	0
untreat	1824	gregory	1	primary	35.8	11.6	6	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	7	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	8	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	10	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	14	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	17	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	18	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	19	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	20	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	21	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	22	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	23	0	.	0
untreat	1824	gregory	1	primary	35.8	11.6	24	0	.	0
untreat	1824	gregory	1	primary	17	TOP	.	.	.	0
untreat	1824	gregory	2	side	16.5	.	1	0	.	0
untreat	1824	gregory	2	side	16.5	.	2	0	.	0
untreat	1824	gregory	3	side	21	.	2	1	6.2	-1
untreat	1824	gregory	3	side	21	.	1	1	6.4	0
untreat	1824	gregory	3	side	21	.	3	1	4.2	0
untreat	1824	gregory	3	side	21	.	4	buds	.	0
untreat	1824	gregory	4	side	23	.	1	0	.	0
untreat	1824	gregory	4	side	23	.	2	1	2.3	0
untreat	1824	gregory	4	side	23	.	3	1	4.3	0
untreat	1824	gregory	4	side	23	.	4	1	4.8	0
untreat	1824	gregory	4	side	23	.	7	buds	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1824	gregory	4	side	23	.	5	1	.	?
untreat	1824	gregory	4	side	23	.	6	1	.	?
untreat	1825	gregory	1	primary	39	.	5	1	3.6	-1
untreat	1825	gregory	1	primary	39	.	9	1	5	-1
untreat	1825	gregory	1	primary	39	.	10	1	6	-1
untreat	1825	gregory	1	primary	39	.	11	1	5.6	-1
untreat	1825	gregory	1	primary	39	.	12	1	6	-1
untreat	1825	gregory	1	primary	39	.	13	1	5.2	-1
untreat	1825	gregory	1	primary	39	.	15	1	6	-1
untreat	1825	gregory	1	primary	39	.	16	1	6.7	-1
untreat	1825	gregory	1	primary	39	.	17	1	5.2	-1
untreat	1825	gregory	1	primary	39	.	18	1	6.6	-1
untreat	1825	gregory	1	primary	39	.	21	1	6	-1
untreat	1825	gregory	1	primary	39	.	25	1	0.7	-1
untreat	1825	gregory	1	primary	39	.	28	1	5	-1
untreat	1825	gregory	1	primary	39	.	29	1	7.2	-1
untreat	1825	gregory	1	primary	39	.	30	1	1.2	-1
untreat	1825	gregory	1	primary	39	.	32	1	2	-1
untreat	1825	gregory	1	primary	39	.	33	1	5.7	-1
untreat	1825	gregory	1	primary	39	.	34	1	1.2	-1
untreat	1825	gregory	1	primary	39	.	1	0	.	0
untreat	1825	gregory	1	primary	39	.	2	0	.	0
untreat	1825	gregory	1	primary	39	.	3	0	.	0
untreat	1825	gregory	1	primary	39	.	4	0	.	0
untreat	1825	gregory	1	primary	39	.	6	0	.	0
untreat	1825	gregory	1	primary	39	.	7	0	.	0
untreat	1825	gregory	1	primary	39	.	8	0	.	0
untreat	1825	gregory	1	primary	39	.	14	1	6.1	0
untreat	1825	gregory	1	primary	39	.	19	0	.	0
untreat	1825	gregory	1	primary	39	.	20	0	.	0
untreat	1825	gregory	1	primary	39	.	22	0	.	0
untreat	1825	gregory	1	primary	39	.	23	0	.	0
untreat	1825	gregory	1	primary	39	.	24	0	.	0
untreat	1825	gregory	1	primary	39	.	26	0	.	0
untreat	1825	gregory	1	primary	39	.	27	0	.	0
untreat	1825	gregory	1	primary	39	.	31	1	6.7	0
untreat	1825	gregory	1	primary	39	.	35	0	.	0
untreat	1825	gregory	1	primary	39	.	36	0	.	0
untreat	1825	gregory	1	primary	39	.	37	0	.	0
untreat	1825	gregory	1	primary	39	.	38	0	.	0
untreat	1825	gregory	1	primary	39	.	39	0	.	0
untreat	1825	gregory	1	primary	39	.	40	buds	.	0
untreat	1825	gregory	2	side	30	.	1	1	3.5	-1
untreat	1825	gregory	2	side	30	.	2	1	5.2	-1
untreat	1825	gregory	2	side	30	.	5	1	5.2	-1
untreat	1825	gregory	2	side	30	.	3	0	.	0
untreat	1825	gregory	2	side	30	.	4	0	.	0
untreat	1825	gregory	2	side	30	.	6	1	5.7	0
untreat	1825	gregory	2	side	30	.	7	buds	.	0
untreat	1826	gregory	1	primary	.	TOP	.	.	.	0
untreat	1826	gregory	2	side	21	.	1	0	.	0
untreat	1826	gregory	2	side	21	.	2	0	.	0
untreat	1826	gregory	2	side	21	.	3	0	.	0
untreat	1826	gregory	2	side	21	.	4	0	.	0
untreat	1826	gregory	2	side	21	.	5	0	.	0
untreat	1826	gregory	2	side	21	.	6	buds	.	0
untreat	1826	gregory	3	side	29	.	1	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frtlength	condition
untreat	1826	gregory	3	side	29	.	2	1	7.5	0
untreat	1826	gregory	3	side	29	.	3	1	7	0
untreat	1826	gregory	3	side	29	.	4	1	7	0
untreat	1826	gregory	3	side	29	.	5	buds	.	0
untreat	1826	gregory	4	side	29	.	1	0	.	0
untreat	1826	gregory	4	side	29	.	2	0	.	0
untreat	1826	gregory	4	side	29	.	3	0	.	0
untreat	1826	gregory	4	side	29	.	4	0	.	0
untreat	1826	gregory	4	side	29	.	5	1	7.5	0
untreat	1826	gregory	4	side	29	.	6	1	7.4	0
untreat	1826	gregory	4	side	29	.	7	0	.	0
untreat	1826	gregory	4	side	29	.	8	0	.	0
untreat	1826	gregory	4	side	29	.	9	buds	.	0
untreat	1827	gregory	1	primary	TOP	.	.	.	.	.
untreat	1827	gregory	2	side	32.5	.	1	1	5.8	0
untreat	1827	gregory	2	side	33.5	.	2	0	3.2	0
untreat	1827	gregory	2	side	34.5	.	3	1	.	0
untreat	1827	gregory	2	side	35.5	.	4	1	4.3	0
untreat	1828	gregory	1	primary	.	TOP	.	.	.	0
untreat	1828	gregory	2	side	26	.	1	1	5.9	0
untreat	1828	gregory	2	side	26	.	2	1	5.7	0
untreat	1828	gregory	2	side	26	.	3	1	6	0
untreat	1828	gregory	2	side	26	.	4	1	6.1	0
untreat	1828	gregory	2	side	26	.	5	0	.	0
untreat	1828	gregory	2	side	26	.	6	0	.	0
untreat	1828	gregory	2	side	26	.	7	0	.	0
untreat	1828	gregory	2	side	26	.	8	buds	.	0
untreat	1828	gregory	3	side	21.5	.	3	1	5.2	-1
untreat	1828	gregory	3	side	21.5	.	1	0	.	0
untreat	1828	gregory	3	side	21.5	.	2	0	.	0
untreat	1828	gregory	3	side	21.5	.	4	0	.	0
untreat	1828	gregory	3	side	21.5	.	5	0	.	0
untreat	1828	gregory	3	side	21.5	.	6	1	2	0
untreat	1828	gregory	3	side	21.5	.	7	1	5.1	0
untreat	1828	gregory	3	side	21.5	.	8	0	.	0
untreat	1828	gregory	3	side	21.5	.	9	buds	.	0
untreat	1829	gregory	1	primary	.	TOP	.	.	.	0
untreat	1829	gregory	2	side	29.5	.	7	1	8.6	-1
untreat	1829	gregory	2	side	29.5	.	1	0	.	0
untreat	1829	gregory	2	side	29.5	.	2	1	6.4	0
untreat	1829	gregory	2	side	29.5	.	3	1	8	0
untreat	1829	gregory	2	side	29.5	.	4	1	2.1	0
untreat	1829	gregory	2	side	29.5	.	5	0	.	0
untreat	1829	gregory	2	side	29.5	.	6	1	8.2	0
untreat	1829	gregory	2	side	29.5	.	8	0	.	0
untreat	1829	gregory	2	side	29.5	.	9	0	.	0
untreat	1829	gregory	2	side	29.5	.	10	buds	.	0
untreat	1829	gregory	3	side	27	.	2	1	6.7	-1
untreat	1829	gregory	3	side	27	.	1	0	.	0
untreat	1829	gregory	3	side	27	.	3	1	7.5	0
untreat	1829	gregory	3	side	27	.	4	1	7.2	0
untreat	1829	gregory	3	side	27	.	5	0	.	0
untreat	1829	gregory	3	side	27	.	6	1	6.8	0
untreat	1829	gregory	3	side	27	.	7	0	.	0
untreat	3000	gregory	1	primary	35	9	1	1	6.8	0
untreat	3000	gregory	1	primary	35	9	2	1	6.5	0
untreat	3000	gregory	1	primary	35	9	3	0	.	0

Treatment	Plant	Site	Inf	inft	height	inflength	position	status	frlength	condition
untreat	3000	gregory	1	primary	35	9	4	1	6.6	0
untreat	3000	gregory	1	primary	35	9	5	0	.	0
untreat	3000	gregory	1	primary	35	9	7	0	.	0
untreat	3000	gregory	1	primary	35	9	9	1	2.1	0
untreat	3000	gregory	1	primary	35	9	11	0	.	0
untreat	3000	gregory	1	primary	35	9	12	0	.	0
untreat	3000	gregory	1	primary	35	9	13	0	.	0
untreat	3000	gregory	1	primary	35	9	14	0	.	0
untreat	3000	gregory	1	primary	35	9	15	0	.	0
untreat	3000	gregory	1	primary	35	9	16	buds	.	0
untreat	3000	gregory	1	primary	35	9	6	1	2.9	ga
untreat	3000	gregory	1	primary	35	9	8	0	.	ga
untreat	3000	gregory	1	primary	35	9	10	0	.	ga

Stigma receptivity CT											
Plant #	Day	1	2	3	4	5	6	7	8	9	10
1		1					0	1			No longer on plant
2		1	1			1	1	1			
3		1	1				1	0			
4		1	1			1		1			
5		1	1			1	0	1			
6		1	1	1	1	1	0	0			
7			1		1	1	1	0			
8		1	1	1	1	1	1	1			
9		1	1		1	1	1	1			
10		1	1		1	1	0	0			
11		1	1	1	1	1	1	0			
12		1	1		1	1	0	0			
13		1	1				0				
14		1	1		1	1	0	0			
15		1	1	1	1		1	1			

Stigma receptivity- MRS												
		1= yes 0= no										
Plants		Days										
		1	2	3	4	5	6	7	8	9	10	11
1		0	0	0	0	0	0	1	1	1	1	
2		0	0	1	1	0	1	1	1	1		
3		0	0	0	1	0	0	1	1	1	1	
4		1	1	0	1	1	0	0	1	1	1	
5		1	1	1	1	1	1	1	1	1	1	
6		0	1	0	1		1	0	1	1	1	
7		0	0	0	0	1	0	1	1	1	1	
8		1	0	0	1	1	1	1	1	1	1	
9		0	0	1	0	0	0	1	1	1	1	

Lupine study

Plants	Days	1	2	3	4	5	6	7	8	9	10	11
		1	2	3	4	5	6	7	8	9	10	11
10	0	0	0	1	0	0	0	1	1	1	1	1
11	1	0	0	1	1	0	1	1	1	1	1	1
12	0	0	0	1	1	0	0	1	1	1	1	1
13	1	1	1	0	1	0	0	1	1	1	1	1
14	1	0	0	1	1	0	1	1	1	1	1	1
15	0	0	1	1	1	0	0	1	1	1	1	1
	tiny bit	tiny bit	tiny bit	some	more	some	real bubb	real	real	real	little/tiny bit	

CT Percentage of Pollen viability											
	Days										
Plants	1	2	3	4	5	6	7	8	9	10	
1	100.00%	.	.	.	.	13.16%	.	.	.	No longer on plant
2	98.94%	.	.	.	.	69.50%	.	.	.	.
3	98.89%	.	.	.	.	63.08%	36.00%	.	.	.
4	93.15%	.	.	.	.	65.61%	44.00%	.	.	.
5	96.56%	.	.	.	.	32.43%	.	.	.	.
6	99.35%	.	97.58%	.	.	80.99%	44.00%	.	.	.	
7	98.98%	.	.	82.80%	63.56%	61.02%	41.00%	.	.	.	
8	99.89%	.	.	.	35.48%	17.14%	14.00%	.	.	.	
9	63.28%	.	.	99.65%	77.25%	88.43%	.	.	.	.
10	99.08%	.	.	.	81.02%	42.18%	12.00%	.	.	.	
11	99.45%	.	.	.	.	85.92%	11.00%	.	.	.
12	100.00%	.	.	.	.	43.06%	87.00%	.	.	.
13	80.39%	.	.	.	.	21.67%	.	.	.	.
14	99.31%	.	.	.	.	49.34%	.	.	.	.
15	99.87%	87.23%	.	.	24.32%	91.87%	92.00%	.	.	.	
	95.14%	.	.	.	.	55.03%	42.33%	.	.	.
MRS Percentage of Viable Pollen											
	Days										
Plants	1	2	3	4	5	6	7	8	9	10	
1	99.07%	97.16%	99.30%	97.85%	99.01%	98.79%	98.65%	96.70%	97.69%	98.82%	
2	99.40%	100.00%	99.00%	98.16%	98.20%	98.55%	98.71%	98.48%	93.42%	.	
3	93.40%	95.34%	97.20%	98.70%	96.25%	92.86%	86.89%	91.53%	98.67%	98.19%	
4	97.94%	90.91%	96.77%	92.02%	68.21%	93.35%	96.90%	89.71%	79.49%	74.01%	

Pollen viability		MRS															
		Days															
		1				2				3							
Plants		Viable	Inviabile	Total	% Viable	Viable	Inviabile	Total	% Viable			Viable	Inviabile	Total	% Viable		
1		960	9	969	99.07%	137	4	141	97.16%			283	2	285	99.30%		
2		166	1	167	99.40%	136	0	136	100.00%			988	10	998	99.00%		
3		184	13	197	93.40%	225	11	236	95.34%			312	9	321	97.20%		
4		95	2	97	97.94%	110	11	121	90.91%			419	14	433	96.77%		
5		1059	1	1060	99.91%	441	6	447	98.66%			259	2	261	99.23%		
6		414	2	416	99.52%	86	13	99	86.87%			237	4	241	98.34%		
7		573	7	580	98.79%	76	6	82	92.68%			282	19	301	93.69%		
8		204	3	207	98.55%	128	12	140	91.43%			150	12	162	92.59%		
9		98	65	163	60.12%	28	34+128	28	100.00%			83	201	284	29.23%		
10		297	0	297	100.00%	366	32	398	91.96%			274	16	290	94.48%		
11		395	12	407	97.05%	257	26+125	257	100.00%			131	50	181	72.38%		
12		253	7	260	97.31%	123	8	131	93.89%			276	14	290	95.17%		
13		469	3	472	99.36%	283	8	291	97.25%			223	4	227	98.24%		
14		33	12	45	73.33%	96	52	148	64.86%			92	75	167	55.09%		
15		359	0	359	100.00%	256	7	263	97.34%			132	1	133	99.25%		
					94.25%				93.22%						88.00%		

4				5				6				7		
Viabile	Inviabile	Total	% Viabile	Viabile	Inviabile	Total	% Viabile	Viabile	Inviabile	Total	% Viabile	Viabile	Inviabile	Total
546	12	558	97.85%	702	7	709	99.01%	326	4	330	98.79%	658	9	667
588	11	599	98.16%	328	6	334	98.20%	340	5	345	98.55%	686	9	695
685	9	694	98.70%	308	12	320	96.25%	78	6	84	92.86%	53	8	61
150	13	163	92.02%	133	62	195	68.21%	365	26	391	93.35%	999	32	1031
607	14	621	97.75%	285	4	289	98.62%	128	3	131	97.71%	132	15	147
296	3	299	99.00%	245	9	254	96.46%	64	57	121	52.89%	418	30	448
427	14	441	96.83%	641	30	671	95.53%	211	23	234	90.17%	778	94	872
248	7	255	97.25%	137	6	143	95.80%	68	19	87	78.16%	46	8	54
173	246	419	41.29%	122	139	261	46.74%	9	93	102	8.82%	64	136	200
165	8	173	95.38%	165	36	201	82.09%	189	18	207	91.30%	147	33	180
303	18+222	303	100.00%	74	11	85	87.06%	93	91	184	50.54%	317	152	469
340	23	363	93.66%			0				0				0
533	37	570	93.51%	397	6	403	98.51%	665	9	674	98.66%	458	19	477
60	113	173	34.68%	31	7	38	81.58%	105	82	187	56.15%	73	68	141
83	2	85	97.65%	136	11	147	92.52%	138	11	149	92.62%	600	11	611
			88.92%				88.33%				78.61%			

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	.	3	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	7	10	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	7	14	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	3	5	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	2	3	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	2	2	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	7	19	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	6	10	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	2	9	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	3	5	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	9	13	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	8	14	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	8	13	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	1	1	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	4	7	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	2	2	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	6	.	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	8	12	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	4	4	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	6	10	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	.	.	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	4	.	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	4	4	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	3	3	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	8	13	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	8	13	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	4	6	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	3	5	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	5	12	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	8	18	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	4	10	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	4	7	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	3	4	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	10	8	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	3	3	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	5	5	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	4	6	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	8	12	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	7	10	3

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	1	1	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	3	5	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	6	9	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	2	1	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	10	15	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	9	16	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	.	8	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	2	2	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	5	6	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	9	17	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	8	12	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	9	13	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	11	16	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	2	4	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	1	1	3
CT	7/7/2004	8:58	1	2	<i>B. huntii</i>	1	1	2	3
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	.	5	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	24	.	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	16	.	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	11	19	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	8	12	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	2	3	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	11	15	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	5	7	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	5	9	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	1	1	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	7	16	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	9	13	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	8	12	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	13	25	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	13	24	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	13	17	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	14	20	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	14	26	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	4	7	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	1	1	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	12	19	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	2	1	2
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	4	9	2

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
CT	7/7/2004	.	2	3	<i>B. huntii</i>	1	3	6	2
CT	7/7/2004	.	2	3	<i>Halictid ? (small)</i>	2	4	8	2
CT	7/7/2004	.	2	3	<i>Halictid ? (small)</i>	2	3	5	2
CT	7/7/2004	.	3	7	<i>Syrphid? (bee fly)</i>	1	.	.	1
CT	7/7/2004	10:22	4	.	.	.	.	.	0
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	8	14	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	10	16	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	8	25	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	7	11	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	2	3	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	5	12	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	5	7	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	3	5	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	3	7	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	3	8	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	3	12	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	5	15	2
CT	7/8/2004	8:39-8:54 am	5	13	<i>B. nevadensis</i>	1	4	7	2
CT	7/8/2004	8:39-8:54 am	5	15	<i>Syrphid (hover)</i>	2	.	.	2
CT	7/8/2004	9:04-9:19 am	6	17	<i>beetle</i>	1	.	.	5
CT	7/8/2004	9:04-9:19 am	6	19	<i>B. nevadensis</i>	2	.	5	5
CT	7/8/2004	9:04-9:19 am	6	19	<i>B. nevadensis</i>	2	3	3	5
CT	7/8/2004	9:04-9:19 am	6	19	<i>B. nevadensis</i>	2	1	1	5
CT	7/8/2004	9:04-9:19 am	6	21	<i>Apis mellifera</i>	3	6	23	5
CT	7/8/2004	9:04-9:19 am	6	20	<i>Apis mellifera</i>	3	.	11	5
CT	7/8/2004	9:04-9:19 am	6	17	<i>little bee</i>	4	4	25	5
CT	7/8/2004	9:04-9:19 am	6	19	<i>B. huntii</i>	5	2	.	5
CT	7/8/2004	9:04-9:19 am	6	21	<i>B. huntii</i>	5	.	.	5
CT	7/8/2004	9:04-9:19 am	6	20	<i>B. huntii</i>	5	17	24	5
CT	7/8/2004	9:04-9:19 am	6	.	.	.	.	.	5
CT	7/8/2004	9:26- 9:41 am	7	24	<i>syrphid ?</i>	1	.	.	2
CT	7/8/2004	9:26- 9:41 am	7	24	<i>B. huntii</i>	2	1	.	2
CT	7/8/2004	9:49- 10:04 ar	8	26	<i>B. huntii</i>	1	4	6	7
CT	7/8/2004	9:49- 10:04 ar	8	26	<i>B. huntii</i>	1	2	5	7
CT	7/8/2004	9:49- 10:04 ar	8	26	<i>Apis mellifera</i>	2	.	skimmed flower	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>B. nevadensis</i>	3	.	.	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>B. nevadensis</i>	3	6	22	7
CT	7/8/2004	9:49- 10:04 ar	8	26	<i>B. nevadensis</i>	3	.	7	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>B. huntii</i>	4	6	8	7

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>B. huntii</i>	4	7	7	7
CT	7/8/2004	9:49- 10:04 ar	8	26	<i>Adrenidae</i>	5	3	8	7
CT	7/8/2004	9:49- 10:04 ar	8	26	<i>Adrenidae</i>	5	4	7	7
CT	7/8/2004	9:49- 10:04 ar	8	28	<i>Adrenidae</i>	5	3	7	7
CT	7/8/2004	9:49- 10:04 ar	8	28	<i>Adrenidae</i>	5		22	7
CT	7/8/2004	9:49- 10:04 ar	8	26	<i>B. sp</i>	6	3	4	7
CT	7/8/2004	9:49- 10:04 ar	8	28	<i>B. sp</i>	6	4	7	7
CT	7/8/2004	9:49- 10:04 ar	8	28	<i>B. sp</i>	6	.	12	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>Apis mellifera</i>	7	13	87	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>Apis mellifera</i>	7	1	2	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>Apis mellifera</i>	7	4	25	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>Apis mellifera</i>	7	1	4	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>Apis mellifera</i>	7	1	5	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>Apis mellifera</i>	7	3	16	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>Apis mellifera</i>	7	2	5	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>Apis mellifera</i>	7	1	1	7
CT	7/8/2004	9:49- 10:04 ar	8	27	<i>Apis mellifera</i>	7	2	18	7
CT	7/8/2004	9:49- 10:04 ar	8	28	<i>Apis mellifera</i>	7	1	7	7
CT	7/8/2004	10:12-10:27	9	.	.	.	.	.	0
CT	7/9/2004	7:43- 7:58	10	35	<i>syrphid? (sm. B</i>	1	1	27	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	.	9	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	9	10	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	12	14	3
CT	7/9/2004	7:43- 7:58	10	36	<i>B. huntii</i>	2	17	18	3
CT	7/9/2004	7:43- 7:58	10	36	<i>B. huntii</i>	2	29	40	3
CT	7/9/2004	7:43- 7:58	10	36	<i>B. huntii</i>	2	11	12	3
CT	7/9/2004	7:43- 7:58	10	36	<i>B. huntii</i>	2	14	32	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	4	8	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	39	71	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	6	12	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	4	10	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	11	19	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	7	11	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	13	15	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	10	13	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	12	13	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	5	7	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	7	6	3
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	8	9	3

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
CT	7/9/2004	7:43- 7:58	10	37	<i>B. huntii</i>	2	5	5	3
CT	7/9/2004	7:43- 7:58	10	35	<i>B. huntii</i>	2		30	3
CT	7/9/2004	7:43- 7:58	10	35	<i>B. huntii</i>	2	9	10	3
CT	7/9/2004	7:43- 7:58	10	35	<i>B. huntii</i>	2	2	1	3
CT	7/9/2004	7:43- 7:58	10	35	<i>B. huntii</i>	2	14	18	3
CT	7/9/2004	7:43- 7:58	10	35	<i>B. huntii</i>	2	5	7	3
CT	7/9/2004	7:43- 7:58	10	35	<i>B. huntii</i>	2	3	2	3
CT	7/9/2004	7:43- 7:58	10	35	<i>B. huntii</i>	2	1	1	3
CT	7/9/2004	7:43- 7:58	10	35	<i>B. huntii</i>	2	1	2	3
CT	7/9/2004	7:43- 7:58	10	35	<i>B. huntii</i>	3	3	5	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	1	.	9	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	1	6	6	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	1	3	3	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	1	4	8	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	1	3	4	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	1	7	9	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	1	10	22	3
CT	7/9/2004	8:10- 8:25	11	40	<i>Small bee</i>	2	.	7	3
CT	7/9/2004	8:10- 8:25	11	40	<i>Small bee</i>	2	.	2	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	3	4	8	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	3	12	22	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	3	6	8	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	3	3	5	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	3	1	2	3
CT	7/9/2004	8:10- 8:25	11	40	<i>B. huntii</i>	3	1	1	3
CT	7/9/2004	8:52- 9:07	12	.	.	.	.	.	0
CT	7/9/2004	8:57-9:12	13	48	<i>B. huntii</i>	1	.	89	3
CT	7/9/2004	8:57-9:12	13	48	<i>B. huntii</i>	2	2	3	3
CT	7/9/2004	9:22- 9:37	14	49	<i>B. huntii</i>	1	.	7	1
CT	7/9/2004	9:22- 9:37	14	49	<i>B. huntii</i>	1	2	2	1
CT	7/9/2004	9:22- 9:37	15	.	.	.	.	.
CT	7/9/2004	9:43- 9:58	16	52	<i>B. huntii</i>	1	47	106	4
CT	7/9/2004	9:43- 9:58	16	52	<i>B. huntii</i>	1	20	36	4
CT	7/9/2004	9:43- 9:58	16	52	<i>B. huntii</i>	1	20	38	4
CT	7/10/2004	8:01 AM	17	.	.	.	.	.	0
CT	7/10/2004	8:01 AM	18	58	<i>Syrphid</i>	1	.	21	1
CT	7/10/2004	8:31	19	60	<i>B. centralis</i>	1	6	12	1
CT	7/10/2004	8:31	19	60	<i>B. centralis</i>	1	5	5	1
CT	7/10/2004	8:31	19	60	<i>B. centralis</i>	1	1	1	1

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
CT	7/10/2004		20						0
CT	7/10/2004	9:08	21	64	<i>B. nevadensis</i>	1		3	3
CT	7/10/2004	9:08	21	64	<i>B. nevadensis</i>	1	1	1	3
CT	7/10/2004	9:08	21	65	<i>B. centralis</i>	2			3
CT	7/10/2004	9:08	21	62	<i>B. sp</i>	3	1	1	3
CT	7/10/2004	9:08	22						0
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	7	16	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	15	17	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1			1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1			1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	3	5	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	4	10	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	5	10	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	6	10	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	5	10	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	4	10	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	3	10	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	1	3	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	1	2	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	4	6	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	4	10	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	4	10	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	15	35	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	8	11	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	2	2	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	3	5	1
CT	7/10/2004	9:33	23	76	<i>B. nevadensis</i>	1	1	1	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	1	1	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	5	11	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	12	20	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	4	6	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	2	3	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	4	9	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	12	20	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	4	7	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	1	1	1
CT	7/10/2004	9:33	23	75	<i>B. nevadensis</i>	1	11	40	4
CT	7/10/2004	10:05	24	81	<i>B. huntii</i>	1	1	1	1
CT	7/10/2004	10:05	24	79	<i>B. huntii</i>	1	28	40	4
CT	7/10/2004	10:05	24	79	<i>B. huntii</i>	1	27	38	4
CT	7/10/2004	10:05	24	79	<i>B. huntii</i>	1	8	11	4
CT	7/10/2004	10:05	24	79	<i>B. huntii</i>	1	7	8	4

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
CT	7/10/2004	10:05	24	79	<i>B. huntii</i>	1	27	37	4
CT	7/10/2004	10:05	24	79	<i>Apis mellifera</i>	2	1	2	4
CT	7/10/2004	10:05	24	80	<i>Apis mellifera</i>	2		8	4
CT	7/10/2004	10:05	24	78	<i>B. huntii</i>	3		6	4
CT	7/10/2004	10:05	24	79	small bee ?	4		2	4
CT	7/11/2004	8:49	25	.	.	.	.	.	0
CT	7/11/2004	8:31	26	88	<i>B. huntii</i>	1	8	20	2
CT	7/11/2004	8:31	26	88	<i>B. huntii</i>	1	11	18	2
CT	7/11/2004	8:31	26	88	<i>B. huntii</i>	1	6	9	2
CT	7/11/2004	8:31	26	88	<i>B. huntii</i>	1	1	1	2
CT	7/11/2004	8:31	26	88	<i>B. huntii</i>	1	1	1	2
CT	7/11/2004	8:31	26	88	<i>B. huntii</i>	1	3	6	2
CT	7/11/2004	8:31	26	88	<i>B. huntii</i>	1	3	4	2
CT	7/11/2004	8:31	26	88	<i>Apis mellifera</i>	2	4	22	2
CT	7/11/2004	9:14	27	.	.	.	.	.	0
CT	7/11/2004	9:34	28	94	<i>Apis mellifera</i>	1			1
CT	7/12/2004	8:17	29	99	<i>B. huntii</i>	1		7	3
CT	7/12/2004	8:17	29	99	<i>B. huntii</i>	1	7	12	3
CT	7/12/2004	8:17	29	97	<i>B. huntii</i>	1	7	10	3
CT	7/12/2004	8:17	29	98	<i>B. huntii</i>	1	21	32	3
CT	7/12/2004	8:17	29	98	<i>B. huntii</i>	1	12	17	3
CT	7/12/2004	8:17	29	96	<i>B. huntii</i>	1	7	12	3
CT	7/12/2004	8:17	29	96	<i>B. huntii</i>	1	2	2	3
CT	7/12/2004	8:17	29	96	<i>B. huntii</i>	1	1	2	3
CT	7/12/2004	8:17	29	96	<i>B. huntii</i>	1	2	2	3
CT	7/12/2004	8:17	29	95	<i>B. centralis</i>	2	10	11	3
CT	7/12/2004	8:17	29	99	<i>B. centralis</i>	3		4	3
CT	7/12/2004	8:17	29	99	<i>B. centralis</i>	3	3	6	3
CT	7/12/2004	8:36	30	102	<i>B. Occidentalis</i>	1	6	15	3
CT	7/12/2004	8:36	30	102	<i>B. Occidentalis</i>	1	6	10	3
CT	7/12/2004	8:36	30	102	<i>B. Occidentalis</i>	1	13	26	3
CT	7/12/2004	8:36	30	102	<i>B. Occidentalis</i>	1	8	12	3
CT	7/12/2004	8:36	30	102	<i>B. Occidentalis</i>	1	6	12	3
CT	7/12/2004	8:36	30	102	<i>B. Occidentalis</i>	1	5	11	3
CT	7/12/2004	8:36	30	102	<i>B. Occidentalis</i>	1	1	1	3
CT	7/12/2004	8:36	30	101	<i>B. Occidentalis</i>	1	1	3	3
CT	7/12/2004	8:36	30	100	<i>B. Occidentalis</i>	1	2	3	3
CT	7/12/2004	8:36	30	100	<i>B. Occidentalis</i>	1	3	4	3
CT	7/12/2004	8:36	30	100	<i>B. Occidentalis</i>	1	10	20	3

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
CT	7/12/2004	8:36	30	100	<i>B. occidentalis</i>	1	5	7	3
CT	7/12/2004	8:36	30	100	<i>B. occidentalis</i>	1	1	1	3
CT	7/12/2004	8:36	30	101	<i>B. sp</i>	2	2	3	3
CT	7/12/2004	9:02	31	106	<i>B. flavifrons</i>	1	.	.	
CT	7/12/2004	9:02	31	107	<i>B. flavifrons</i>	1	14	29	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	63	114	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	11	20	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	2	3	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	5	7	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	3	5	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	2	3	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	10	21	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	6	10	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	8	13	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	10	16	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	2	5	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	5	12	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	15	38	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	1	1	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	16	32	3
CT	7/12/2004	9:02	31	103	<i>B. flavifrons</i>	1	2	6	3
CT	7/12/2004	9:02	31	108	<i>B. flavifrons</i>	1	30	65	3
CT	7/12/2004	9:02	31	108	<i>B. flavifrons</i>	1	14	20	3
CT	7/12/2004	9:02	31	108	<i>B. flavifrons</i>	1	14	29	3
CT	7/12/2004	9:02	31	108	<i>B. flavifrons</i>	1	11	19	3
CT	7/12/2004	9:02	31	107	<i>B. flavifrons</i>	1	7	12	3
CT	7/12/2004	9:02	31	107	<i>B. flavifrons</i>	1	1	3	3
CT	7/10/2004	.	32	74	<i>B. huntii</i>	1	.	20	3
CT	7/10/2004	.	32	73	<i>B. huntii</i>	2	14	26	3
CT	7/10/2004	.	32	73	<i>B. huntii</i>	2	18	31	3
CT	7/10/2004	.	32	73	<i>B. huntii</i>	2	5	7	3
CT	7/10/2004	.	32	73	<i>B. huntii</i>	2	.	9	3
CT	7/10/2004	.	32	73	<i>B. huntii</i>	2	5	8	3
CT	7/10/2004	.	32	73	<i>B. huntii</i>	2	7	17	3
CT	7/10/2004	.	32	73	<i>B. huntii</i>	2	10	12	3
CT	7/10/2004	.	32	73	<i>B. huntii</i>	2	11	20	3
CT	7/10/2004	.	32	77	<i>B. huntii</i>	2	.	13	3
CT	7/10/2004	.	32	77	<i>B. huntii</i>	2	.	4	3
CT	7/10/2004	.	32	74	<i>B. huntii</i>	2	25	49	3

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
CT	7/10/2004	.	32	74	<i>B. huntii</i>	2	.	8	3
CT	7/10/2004	.	32	74	<i>B. huntii</i>	2	.	4	3
CT	7/10/2004	.	32	72	<i>B. huntii</i>	2	34	56	3
CT	7/10/2004	.	32	72	<i>B. huntii</i>	2	5	11	3
CT	7/10/2004	.	32	73	<i>B. huntii</i>	3	5	9	3
MRS	7/20/2004	8:25	1A	1	ant				0
MRS	7/20/2004	8:25	1A	1	4-5 mm small fly - not pollinating				0
MRS	7/20/2004	8:25	1A	1	true bug				0
MRS	7/20/2004	8:25	1A	1	parasitic wasp				0
MRS	7/20/2004	8:25	1A	1	fly- not pollinating				0
MRS	7/20/2004	8:25	1A	1	6-7 mm fly- not pollinating				0
MRS	7/20/2004	8:46	2A		small wasp- not pollinating				1
MRS	7/20/2004	8:46	2A	2	small wasp- not pollinating- on seed pods				1
MRS	7/20/2004	8:46	2A	3	small fly- moth wings		1	20	1
MRS	7/20/2004	8:46	2A	4	small fly- moth wings		1	8	1
MRS	7/20/2004	8:46	2A	5	small fly- moth wings		1	30	1
MRS	7/20/2004	9:09	3A	4	small moth				1
MRS	7/20/2004	9:09	3A		ants				1
MRS	7/20/2004	9:09	3A	5	5mm fly				1
MRS	7/20/2004	9:09	3A	5	3-4 mm fly				1
MRS	7/20/2004	9:09	3A	5	bee fly		1	7	1
MRS	7/20/2004	9:09	3A	6	bee fly		1	1	1
MRS	7/20/2004	9:09	3A	4	small fly				1
MRS	7/20/2004	9:28	4A	6	4-5 mm small fly - not pollinating				0
MRS	7/20/2004	9:28	4A	6	fly	1	1	25	0
MRS	7/20/2004	9:28	4A	7	fly	1	1	18	0
MRS	7/20/2004	9:28	4A	6	3-4 mm small fly- not pollinating		2	16	0
MRS	7/20/2004	9:28	4A	7	3-4 mm small fly- not pollinating		1	150	0
MRS	7/20/2004	9:28	4A	6	6-7 mm fly- not pollinating				0
MRS	7/20/2004	9:50	5A	7	4-5 mm fly				0
MRS	7/20/2004	9:50	5A	7	6-7 mm fly				0
MRS	7/20/2004	10:32	6A		3 ants				0
MRS	7/20/2004	10:32	6A		small wasp on seed pod				0
MRS	7/20/2004	10:32	6A		fly		1	3	0
MRS	7/21/2004	8:22	7A	10	fly				1
MRS	7/21/2004	8:22	7A	9	4-5 mm fly				1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	1	1	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	3	3	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	2	1	1

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	2	2	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	4	6	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	1	2	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	3	4	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	2	3	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	1	1	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	3	3	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	2	3	1
MRS	7/21/2004	8:22	7A	9	<i>B. bifarius</i>	1	1	1	1
MRS	7/21/2004	8:22	7A	11	6-7 mm fly				1
MRS	7/21/2004	8:45	8A	14	5-6 mm fly				0
MRS	7/21/2004	8:45	8A	14	5-6 mm fly				0
MRS	7/21/2004	8:45	8A	14	7 mm fly				0
MRS	7/21/2004	8:45	8A	14	4-5 mm fly				0
MRS	7/21/2004	8:45	8A	12	4-5 mm fly				0
MRS	7/21/2004	8:45	8A	14	6-7 mm fly				0
MRS	7/21/2004	9:04	9	16	small bee	1	1	1	2
MRS	7/21/2004	9:04	9	16	5mm fly				2
MRS	7/21/2004	9:04	9	16	ants				2
MRS	7/21/2004	9:04	9	16	3-4 mm fly				2
MRS	7/21/2004	9:04	9	16	<i>B. bifarius</i>	2	1	1	2
MRS	7/21/2004	9:04	9	16	<i>B. bifarius</i>	2	1	1	2
MRS	7/21/2004	9:34	10	18	<i>B. sp</i>	1	4	5	1
MRS	7/21/2004	9:34	10	18	<i>B. sp</i>	1	2	3	1
MRS	7/21/2004	9:34	10	17	<i>B. sp</i>	1	2	3	1
MRS	7/21/2004	9:34	10	17	ants				1
MRS	7/21/2004	9:53	11	20	<i>B. bifarius</i>	1	.	4	1
MRS	7/21/2004	9:53	11	20	<i>B. bifarius</i>	1	.	2	1
MRS	7/21/2004	9:53	11	20	<i>B. bifarius</i>	1	.	3	1
MRS	7/21/2004	10:18	12	23	<i>Megachile</i>	1	2	3	2
MRS	7/21/2004	10:18	12	24	<i>B. bifarius</i>	2	3	5	2
MRS	7/22/2004	8:40	13	.	.	.	.	.	0
MRS	7/22/2004	8:59	14	28	<i>Syrphid?</i> (bee fl)	1	6	35	3
MRS	7/22/2004	8:59	14	28	<i>Syrphid?</i> (bee fl)	1	.	37	3
MRS	7/22/2004	8:59	14	28	<i>Syrphid?</i> (bee fl)	1	.	26	3
MRS	7/22/2004	8:59	14	28	<i>Syrphid?</i> (bee fl)	1	4	8	3
MRS	7/22/2004	8:59	14	28	<i>Syrphid?</i> (bee fl)	1	.	11	3
MRS	7/22/2004	8:59	14	28	<i>Syrphid?</i> (bee fl)	1	4	24	3
MRS	7/22/2004	8:59	14	30	<i>Megachile</i>	2	5	7	3

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
MRS	7/22/2004	8:59	14	30	<i>Megachile</i>	2	2	2	3
MRS	7/22/2004	8:59	14	28	<i>Megachile</i>	2	12	17	3
MRS	7/22/2004	8:59	14	28	<i>Megachile</i>	2	5	6	3
MRS	7/22/2004	8:59	14	28	<i>Megachile</i>	2	7	10	3
MRS	7/22/2004	8:59	14	27	<i>Megachile</i>	2	2	4	3
MRS	7/22/2004	8:59	14	29	<i>small bee (pollin</i>	3		5	3
MRS	7/22/2004	9:18	15	35	<i>4-5 mm fly</i>	.	.	.	0
MRS	7/22/2004	9:53	16	40	<i>5-6 mm fly</i>				
MRS	7/22/2004	9:53	16	40	<i>Small bee (Coll</i>	1	8	14	3
MRS	7/22/2004	9:53	16	41	<i>Small bee (Coll</i>	1	4	3	3
MRS	7/22/2004	9:53	16	42	<i>Small bee (Coll</i>	1	2	1	3
MRS	7/22/2004	9:53	16	37	<i>Small bee (Coll</i>	1	3	3	3
MRS	7/22/2004	9:53	16	37	<i>Small bee (Coll</i>	1	4	5	3
MRS	7/22/2004	9:53	16	37	<i>Small bee (Coll</i>	1	4	5	3
MRS	7/22/2004	9:53	16	37	<i>Small bee (Coll</i>	1	2	1	3
MRS	7/22/2004	9:53	16	36	<i>Small bee (Coll</i>	1	8	13	3
MRS	7/22/2004	9:53	16	36	<i>Small bee (Coll</i>	1	6	10	3
MRS	7/22/2004	9:53	16	36	<i>Small bee (Coll</i>	1	2	5	3
MRS	7/22/2004	9:53	16	36	<i>Small bee (Coll</i>	1	3	4	3
MRS	7/22/2004	9:53	16	36	<i>Small bee (Coll</i>	1	7	10	3
MRS	7/22/2004	9:53	16	36	<i>Small bee (Coll</i>	1	7	16	3
MRS	7/22/2004	9:53	16	38	<i>5 mm fly</i>				3
MRS	7/22/2004	9:53	16	40	<i>Small green bee</i>	2	1	3	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	5	12	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	5	7	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	11	18	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	5	8	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	7	10	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	8	11	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	2	3	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	18	23	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	4	4	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	3	4	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	6	7	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	8	13	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	2	1	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	19	24	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	4	5	3
MRS	7/22/2004	9:53	16	40	<i>B. sp</i>	3	1	1	3

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
MRS	7/22/2004	9:53	16	40	B. sp	3	2	3	3
MRS	7/22/2004	9:53	16	40	B. sp	3	7	8	3
MRS	7/22/2004	9:53	16	40	B. sp	3	10	15	3
MRS	7/22/2004	9:53	16	40	B. sp	3	13	16	3
MRS	7/22/2004	9:53	16	40	B. sp	3	2	2	3
MRS	7/22/2004	9:53	16	40	B. sp	3	8	16	3
MRS	7/22/2004	9:53	16	40	B. sp	3	7	13	3
MRS	7/22/2004	9:53	16	40	B. sp	3	9	12	3
MRS	7/22/2004	9:53	16	36	B. sp	3	9	12	3
MRS	7/22/2004	9:53	16	36	B. sp	3	9	12	3
MRS	7/22/2004	9:53	16	36	B. sp	3	2	3	3
MRS	7/22/2004	9:53	16	36	B. sp	3	1	1	3
MRS	7/22/2004	9:53	16	37	B. sp	3	4	7	3
MRS	7/22/2004	9:53	16	37	B. sp	3	3	3	3
MRS	7/22/2004	9:53	16	40	B. sp	3	5	6	3
MRS	7/22/2004	9:53	16	40	B. sp	3	4	4	3
MRS	7/22/2004	9:53	16	40	B. sp	3	14	15	3
MRS	7/22/2004	9:53	16	40	B. sp	3	5	7	3
MRS	7/22/2004	9:53	16	40	B. sp	3	7	10	3
MRS	7/22/2004	9:53	16	40	B. sp	3	4	3	3
MRS	7/22/2004	9:53	16	40	B. sp	3	6	6	3
MRS	7/22/2004	9:53	16	41	B. sp	3	1	1	3
MRS	7/22/2004	9:53	16	41	B. sp	3	1	1	3
MRS	7/22/2004	9:53	16	40	B. sp	3	3	7	3
MRS	7/22/2004	9:53	16	40	B. sp	3	5	6	3
MRS	7/22/2004	9:53	16	40	B. sp	3	3	4	3
MRS	7/22/2004	9:53	16	40	B. sp	3	4	7	3
MRS	7/22/2004	9:53	16	40	B. sp	3	3	3	3
MRS	7/22/2004	9:00	17	44	6-7 mm fly	3			3
MRS	7/22/2004	9:00	17	44	ants (2)				1
MRS	7/28/2004	9:00	17	43	5-6 mm fly				1
MRS	7/29/2004	9:00	17	42	5-6 mm fly				1
MRS	7/30/2004	9:00	17	43	B. bifarius	1	9		1
MRS	7/31/2004	9:00	17	43	B. bifarius	1			1
MRS	8/1/2004	9:00	17	43	B. bifarius	1			1
MRS	8/2/2004	9:00	17	42	B. bifarius	1	6	11	1
MRS	8/3/2004	9:00	17	42	B. bifarius	1	2	3	1
MRS	8/4/2004	9:00	17	42	B. bifarius	1	2	4	1

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
MRS	8/5/2004	9:00	17	42	<i>B. bifarius</i>	1	3	7	1
MRS	8/6/2004	9:00	17	42	<i>B. bifarius</i>	1	1	1	1
MRS	8/7/2004	9:00	17	42	2-3 mm fly				1
MRS	8/8/2004	9:00	17	44	5-6 mm fly				1
MRS	8/9/2004	9:17	18	45	ant				0
MRS	8/10/2004	9:17	18	46	5-6 mm fly				0
MRS	8/11/2004	9:17	18	46	ants				0
MRS	8/12/2004	9:17	18	45	5-6 mm fly				0
MRS	8/13/2004	9:17	18	45	5-6 mm fly				0
MRS	8/14/2004	9:35	19	47	5-6 mm fly				0
MRS	8/16/2004	9:56	20	48	ants				
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1		13	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	5	7	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	9	19	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	6	9	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	1	2	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	4	5	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	1	1	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	7	13	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	5	8	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	3	9	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	2	4	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	1	2	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	5	9	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	7	12	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	2	3	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	2	4	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	3	9	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	1	2	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	3	6	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	3	5	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	1	1	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	4	8	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	2	4	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	6	8	2
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	2	2	2

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
MRS	8/17/2004	9:56	20	49	<i>B. bifarius</i>	1	1	1	2
MRS	8/17/2004	9:56	20	48	<i>B. bifarius</i>	1	5	11	2
MRS	8/17/2004	9:56	20	48	<i>B. bifarius</i>	1	1	3	2
MRS	8/17/2004	9:56	20	48	<i>B. bifarius</i>	1	4	7	2
MRS	8/17/2004	9:56	20	48	<i>B. bifarius</i>	2	1	1	2
MRS	7/26/2004	10:14	21	51	4-5 mm fly				
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	19	36	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	9	18	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	4	7	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	5	12	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	5	7	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	2	3	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	1	2	2
MRS	7/26/2004	10:14	21	51	Colletidae	2			2
MRS	7/26/2004	10:14	21	52	<i>Megachile</i>	1	2	3	2
MRS	7/26/2004	10:14	21	52	Colletidae	2	2	3	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	12	17	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	1	3	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	2	2	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	1	1	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	2	2	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	1	1	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	1	1	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	1	1	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	4	7	2
MRS	7/26/2004	10:14	21	52	<i>Megachile</i>	1	4	9	2
MRS	7/26/2004	10:14	21	52	<i>Megachile</i>	1	11	19	2
MRS	7/26/2004	10:14	21	52	<i>Megachile</i>	1	1	1	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	4	5	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	1	1	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	3	3	2
MRS	7/26/2004	10:14	21	51	<i>Megachile</i>	1	1	1	2
MRS	7/26/2004	10:35	22	.	.	.	.	.	0
MRS	7/27/2004	8:09	23	.	.	.	.	.	0
MRS	7/27/2004	9:58	24	59	ants	.	.	.	
MRS	7/27/2004	9:58	24	62	5-6 mm fly	.	.	.	
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	7	12	1
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	2	4	1
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	7	15	1
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	2	5	1

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	5	7	1
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	1	1	1
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	5	7	1
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	1	1	1
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	1	1	1
MRS	7/27/2004	9:58	24	61	<i>B. bifarius</i>	1	3	5	1
MRS	7/27/2004	9:58	24	60	<i>B. bifarius</i>	1	2	4	1
MRS	7/27/2004	9:58	24	60	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	9:58	24	60	<i>B. bifarius</i>	1	3	3	1
MRS	7/27/2004	9:58	24	60	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	9:58	24	60	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	9:58	24	59	<i>B. bifarius</i>	1	4	5	1
MRS	7/27/2004	9:58	24	59	<i>B. bifarius</i>	1	2	3	1
MRS	7/27/2004	9:58	24	59	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	9:58	24	59	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	9:58	24	59	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	10:19	25	66	<i>B. bifarius</i>	1	.	.	1
MRS	7/27/2004	10:19	25	67	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	10:19	25	67	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	10:19	25	67	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	10:19	25	67	<i>B. bifarius</i>	1	2	2	1
MRS	7/27/2004	10:19	25	67	small wasp	1	.	.	1
MRS	7/28/2004	8:36	26	70	<i>B. bifarius</i>	1	5	7	1
MRS	7/28/2004	8:36	26	70	<i>B. bifarius</i>	1	6	12	1
MRS	7/28/2004	8:36	26	70	<i>B. bifarius</i>	1	1	1	1
MRS	7/28/2004	8:36	26	70	<i>B. bifarius</i>	1	6	9	1
MRS	7/28/2004	8:36	26	70	<i>B. bifarius</i>	1	9	16	1
MRS	7/28/2004	8:36	26	69	<i>B. bifarius</i>	1	7	10	1
MRS	7/28/2004	8:36	26	69	<i>B. bifarius</i>	1	5	10	1
MRS	7/28/2004	8:36	26	69	<i>B. bifarius</i>	1	7	14	1
MRS	7/28/2004	8:55	27	71	ant	1	.	.	0
MRS	7/28/2004	9:17	28	.	.	1	.	.	0
MRS	7/28/2004	9:58	29	80	fly	1	.	.	0
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	1	1	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	8	22	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	5	9	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	7	9	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	7	11	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	2	4	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	10	15	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	7	12	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	1	1	1

Site	Date	Time	Observation #	Plant #	Visitor Sp.	Visitor #	# of Flowers	Length of visit (s)	Total # visitors
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	4	5	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	4	5	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	3	5	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	2	3	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	1	1	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	6	7	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	3	7	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	4	5	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	3	6	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	5	9	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	3	6	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	1	1	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	4	9	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	1	1	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	10	16	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	2	3	1
MRS	7/28/2004	10:15	30	81	<i>B. bifarius</i>	1	1	1	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	1	1	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	4	6	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	11	21	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	8	16	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	6	11	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	2	4	1
MRS	7/28/2004	10:15	30	82	<i>B. bifarius</i>	1	5	6	1
MRS	7/28/2004	10:15	30	82	5-6 mm fly				1
MRS	7/28/2004	10:32	31	.	.	.	.	.	0
MRS	7/28/2004	10:45	32	84	<i>B. bifarius</i>	1	3	4	1
MRS	7/29/2004	9:25	33	.	.	.	.	.	0
MRS	7/29/2004	9:25	34	.	.	.	.	.	0
MRS	7/30/2004	9:38	35	87	green bee (<i>halictus</i>)	1	1	2	1
MRS	7/30/2004	9:38	35	87	green bee (<i>halictus</i>)	1	1	1	1
MRS	7/30/2004	9:55	36	89	small beetle (<i>not pollinating</i>)				0