

Trial report

**Variety testing of**

***Poa pratensis, Festuca arundinacea and  
Dactylis glomerata***

Second year harvest

AGRONOVA - Gefion Field Trials



2010

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# Index

<b>1.</b>	<b>INTRODUCTION.....</b>	<b>3</b>
<b>2.</b>	<b>TRIAL 2008.541.00 <i>POA PRATENSIS</i> (KENTUCKY BLUEGRASS) .....</b>	<b>4</b>
2.1	VARIETIES.....	4
2.2	SITE DESCRIPTION.....	4
2.3	RESULTS .....	5
<b>3.</b>	<b>TRIAL 2008.543.00 <i>FESTUCA ARUNDINACEA</i> (TALL FESCUE) .....</b>	<b>7</b>
3.1	VARIETIES.....	7
3.2	SITE DESCRIPTION.....	7
3.3	RESULTS .....	7
<b>4.</b>	<b>TRIAL 2008.544.00 <i>DACTYLIS GLOMERATA</i> (ORCHARD GRASS) .....</b>	<b>9</b>
4.1	VARIETIES.....	9
4.2	SITE DESCRIPTION.....	9
4.3	RESULTS .....	10
<b>5.</b>	<b>TRIAL COMMENTS .....</b>	<b>12</b>
<b>6.</b>	<b>APPENDIX 1. SINGLE PLOT DATA.....</b>	<b>13</b>
<b>7.</b>	<b>APPENDIX 2. CLIMATIC DATA.....</b>	<b>17</b>

## 1. Introduction

This report contains the results of four variety testing trials in *Poa pratensis*, *Festuca arundinacea* and *Dactylis glomerata*. All yields “per ha” are adjusted to a water content of 13 %.

The location of the trials was near Ringsted, Denmark.

<b>Trial number by Agronova</b>	<b>Species</b>
2008.541.00	<i>Poa pratensis</i>
2008.543.00	<i>Festuca arundinacea</i>
2008.544.00	<i>Dactylis glomerata</i>

The trials have been carried out by the GEP-unit at Agronova, Gefion in 2010 for Barenbrug, Holland.

08 December 2010

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Peter Hvid  
Agronova –  
Gefion Field Trials

## 2. Trial 2008.541.00 *Poa pratensis* (Kentucky Bluegrass)

### 2.1 Varieties

Trt No.	Treatment Name
1	BARIMPALA
2	BARTENDER
3	BARIRIS
4	BARON

### 2.2 Site description

Basic information for trial 2008.541.00 *Poa pratensis*

<b>Trial host</b>	Ny Lellinge Gefion		
<b>Soil analysis</b>	Coarse sand: 36 %	Rt: 6,7	
	Silt: 16,4 %	Pt: 2,1	
	Humus: 2,2 %	Kt: 10	
	Fine sand: 35,9 %	Mgt: 4,7	
	Clay: 9,5 %		
<b>Previous crop</b>	Spring barley 2008 <i>Poa pratensis</i> 2009		
<b>Drilling date</b>	16-04-2008	<b>Seed rate</b>	7 kg/ha
<b>Fertilizer</b>	date type rate	09-10-2009 NPKS 22-3-10-5 300 kg	22-03-2010 NPKS 22-3-10-5 400 kg
<b>Pesticides</b>	09-10-2009: 0,05 DFF + 1 tbl Express + 1,0 Boxer + 0,02 Hussar OD 05-05-2010: 0,08 Primus + 0,05 DFF +1,5 Ariane FG 02-06: 0,5 I Zenit		

## 2.3 Results

To ensure full maturity at harvest all plots were swathed on the 12<sup>th</sup> of July. The trial was harvested on the 16<sup>th</sup> of July.

In the following table results from harvest, seed analysis and analysis of variance is given. Analysis was done by Student-Newman-Keuls test where different letters indicate statistical significant difference at 95% level.

### Variety testing of *Poa pratensis* for Barenbrug

Trial ID: 2008.541.00      Protocol ID: 2008.541.00  
 Location: Ny Lellinge      Study Director: Peter Hvid  
 Investigator: Peter Hvid

Crop Code	POAPR	POAPR	POAPR	POAPR
BBCH Scale	BGRM	BGRM	BGRM	BGRM
Crop Scientific Name	Poa pratensis	Poa pratensis	Poa pratensis	Poa pratensis
Crop Name	Kentucky blueg>	Kentucky blueg>	Kentucky blueg>	Kentucky blueg>
Part Rated	GRAIN C	GRAIN C	GRAIN C	GRAIN C
Rating Date	Jul-16-2010	Jul-16-2010	Jul-16-2010	Jul-16-2010
Rating Type	YIELD	MOICON	WEIGHT LOSS	YIELD
Rating Unit	KG	%	%	kg/ha
Sample Size, Unit	21,85 M2	1 PLOT	1 PLOT	1 PLOT
Crop Stage Majority	91	91	91	91
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH
Footnote Number				2
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD
ARM Action Codes				T2
Number of Decimals	1	2	2	0
Trt Treatment No				
Name	9	10	11	13
1 BARIMPALA	4,6 ab	12,33	29,10	1511 b
2 BARTENDER	5,3 a	16,23	18,60	1887 a
3 BARIRIS	3,8 b	12,12	27,20	1286 b
4 BARON	5,2 a	13,19	17,20	1974 a
LSD (P=.05)	0,93	.	.	337,0
Standard Deviation	0,68	.	.	244,5
CV	14,31	.	.	14,69
Bartlett's X2	2,835	.	.	3,686
P(Bartlett's X2)	0,418	.	.	0,297
Replicate F	0,773			0,741
Replicate Prob(F)	0,5633			0,5818
Treatment F	4,951			8,705
Treatment Prob(F)	0,0183			0,0024

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Crop Code  
 POAPR, BGRM, Poa pratensis, = US  
 Part Rated  
 GRAIN = grain  
 C = Crop is Part Rated

Rating Type

YIELD = yield

MOICON = moisture content

Rating Unit

KG = kilogram

% = percent

kg/ha = kilograms per hectare

M2 = square meter

PLOT = total plot

Crop Stage Scale

BBCH = BBCH uniform plant stages

ARM Action CodesT2 =  $[C12] - ([C12] * @MVAVGREP([C11]) / 100)$ 

Footnote 2: Yield adjusted for water and purity

### 3. Trial 2008.543.00 *Festuca arundinacea* (Tall Fescue)

#### 3.1 Varieties

Trt No.	Treatment Name
1	BARLEROY
2	ANGELA
3	BARCESAR
4	BTR 4 (Barverde)
5	Labarinth

#### 3.2 Site description

Basic information for trial 2008.543.00 *Festuca arundinacea*

<b>Trial host</b>	Ny Lellinge Gefion		
<b>Soil analysis</b>	Coarse sand: 36 %	Rt: 6,7	
	Silt: 16,4 %	Pt: 2,1	
	Humus: 2,2 %	Kt: 10	
	Fine sand: 35,9 %	Mgt: 4,7	
	Clay: 9,5 %		
<b>Previous crop</b>	Spring barley 2008 <i>Festuca arundinacea</i> 2009		
<b>Drilling date</b>	16-04-2008	<b>Seed rate</b>	8 kg/ha
<b>Fertilizer</b>	date type rate	25-09-2009 NS 28-5 240 Kg	22-03-2010 NPKS 22-3-10-5 650 kg
<b>Pesticides</b>	09-10-2009: 0,05 DFF + 1 tbl Express + 1 Boxer 05-05-2010: 0,08 Primus +0,05 DFF + 1,5 Ariane FG 17-05-2010: 1,25 Cycocel + 0,4 Moddus M 02-06-2010: 0,5 Zenit		

#### 3.3 Results

To ensure full maturity at harvest all plots were swathed at the 21<sup>th</sup> of July. The trial was harvested on the 29<sup>th</sup> of July.

In the following table results from harvest, seed analysis and analysis of variance is given. Analysis was done by Student-Newman-Keuls test where different letters indicate statistical significant difference at 95% level.

Variety testing of *Festuca arundinacea*

Trial ID: 2008.543.00  
Location: Ny Lellinge

Protocol ID: 2008.543.00  
Study Director: Peter Hvid  
Investigator: Peter Hvid

Crop Code	FESAR	FESAR	FESAR	FESAR
BBCH Scale	BGRM	BGRM	BGRM	BGRM
Crop Scientific Name	Festuca arundi>	Festuca arundi>	Festuca arundi>	Festuca arundi>
Crop Name	Tall fescue	Tall fescue	Tall fescue	Tall fescue
Part Rated	GRAIN C	GRAIN C	GRAIN C	GRAIN C
Rating Date	Jul-29-2010	Jul-29-2010	Jul-29-2010	Jul-29-2010
Rating Type	YIELD	MOICON	WEIGHT LOSS	YIELD
Rating Unit	KG	%	%	kg/ha
Sample Size, Unit	22,2 M2	1 plot	1 plot	1 plot
Crop Stage Majority	91	91	91	91
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH
Footnote Number				2
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD
ARM Action Codes				T2
Number of Decimals	2	2	1	1
Trt Treatment				
No. Name	6	7	8	10
1 BARLEROY	4,60 a	16,67	17,5	1636,5 a
2 ANGELA	5,61 a	17,51	17,2	1982,1 a
3 BARCESAR	4,83 a	17,21	15,8	1741,5 a
4 BTR 4 (Barverde)	2,51 b	15,58	15,3	927,4 b
5 Labarinth	4,60 a	20,29	15,4	1605,2 a
LSD (P=.05)	0,771	.	.	272,42
Standard Deviation	0,519	.	.	183,37
CV	11,16	.	.	11,2
Bartlett's X2	9,086	.	.	9,044
P(Bartlett's X2)	0,169	.	.	0,171
Replicate F	0,795			0,765
Replicate Prob(F)	0,5125			0,5282
Treatment F	15,783			14,666
Treatment Prob(F)	0,0001			0,0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Crop Code	FESAR, BGRM, Festuca arundinacea, = US
Part Rated	GRAIN = grain
	C = Crop is Part Rated
Rating Type	YIELD = yield
	MOICON = moisture content
Rating Unit	KG = kilogram
	% = percent
	kg/ha = kilograms per hectare
	M2 = square meter
	plot = total plot
Crop Stage Scale	BBCH = BBCH uniform plant stages
Plant-Eval Interval	834 DP-1 = 1 Apr-16-2008
ARM Action Codes	TY3 = $450.4504 * [C6] * (100 - @MVAVGREP([C7])) / 87$
	T2 = $[C9] - ([C9] * @MVAVGREP([C8]) / 100)$
Footnote 2: Yield adjusted for water and purity	



## 4. Trial 2008.544.00 *Dactylis glomerata* (Orchard Grass)

### 4.1 Varieties

Trt No.	Treatment Name
1	OBERON
2	BARAULA
3	INTENSIV
4	BARLEMAS

### 4.2 Site description

Basic information for trial 2008.544.00 *Dactylis glomerata*

<b>Trial host</b>	Ny Lellinge Gefion		
<b>Soil analysis</b>	Coarse sand: 36 %	Rt: 6,7	
	Silt: 16,4 %	Pt: 2,1	
	Humus: 2,2 %	Kt: 10	
	Fine sand: 35,9 %	Mgt: 4,7	
	Clay: 9,5 %		
<b>Previous crop</b>	Spring barley 2008 <i>Dactylis glomerata</i> 2009		
<b>Drilling date</b>	16-04-2008	<b>Seed rate</b>	8 kg/ha
<b>Fertilizer</b>	date type rate	25-09-2009 NS 28-5 240 Kg	22-03-2010 NPKS 22-3-10-5 650 kg
<b>Pesticides</b>	16-09-2009: 0,05 DFF + 1 tbl Express + 1 Boxer 05-05-2010: 0,08 Primus +0,05 DFF +1,5 Ariane FG 17-05-2010: 1,25 Cycocel + 0,4 Moddus 02-06-2010 0,5 Zenit		

### 4.3 Results

To ensure full maturity at harvest all plots were swathed on the 16<sup>th</sup> of July. The trial was harvested on the 27<sup>th</sup> of July.

In the following table results from harvest, seed analysis and analysis of variance is given. Analysis was done by Student-Newman-Keuls test where different letters indicate statistical significant difference at 95% level.

#### Variety testing of *Dactylis glomerata*

Trial ID: 2008.544.00      Protocol ID: 2008.543.00  
 Location: Ny Lellinge      Study Director: Peter Hvid  
 :                                      Investigator: Peter Hvid

Crop Code	DACGL	DACGL	DACGL	DACGL
BBCH Scale	BGRM	BGRM	BGRM	BGRM
Crop Scientific Name	Dactylis glome>	Dactylis glome>	Dactylis glome>	Dactylis glome>
Crop Name	Orchard grass	Orchard grass	Orchard grass	Orchard grass
Part Rated	GRAIN -	GRAIN -	GRAIN -	GRAIN -
Rating Date	Jul-27-2009	Jul-27-2010	Jul-27-2009	Jul-27-2009
Rating Type	YIELD	MOICON	Weight Loss	YIELD
Rating Unit	KG	%	%	kg/ha
Sample Size, Unit	21,85 M2	1 plot	1 plot	1 PLOT
Crop Stage Majority	91	91	91	91
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH
Footnote Number				2
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD
ARM Action Codes				T2
Number of Decimals	2	1	2	1
Trt Treatment				
No. Name	6	7	8	10
1 OBERON	4,56 a	11,3	10,81	1896,1 a
2 BARAULA	4,34 a	15,4	11,33	1711,8 a
3 INTENSIV	4,30 a	10,2	9,09	1848,8 a
4 BARLEMAS	4,52 a	11,5	11,60	1861,0 a
LSD (P=.05)	0,738	.	.	304,49
Standard Deviation	0,479	.	.	197,62
CV	11,57	.	.	11,52
Bartlett's X2	8,004	.	.	7,797
P(Bartlett's X2)	0,091	.	.	0,099
Replicate F	1,249			1,228
Replicate Prob(F)	0,3356			0,3423
Treatment F	7,511			7,132
Treatment Prob(F)	0,0029			0,0035

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Crop Code  
 DACGL, BGRM, Dactylis glomerata, = US  
 Part Rated  
 GRAIN = grain  
 C = Crop is Part Rated  
 Rating Type  
 YIELD = yield  
 MOICON = moisture content  
 Rating Unit  
 KG = kilogram

% = percent  
kg/ha = kilograms per hectare

M2 = square meter

plot = total plot

Crop Stage Scale

BBCH = BBCH uniform plant stages

Plant-Eval Interval

467 DP-1 = 1 Apr-16-2008

832 DP-1 = 1 Apr-16-2008

ARM Action Codes

TY3 =  $457.6659 * [C6] * (100 - @MVAVGREP([C7])) / 87$

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

## 5. Trial comments

### Weather conditions for production of grass for seed in Denmark, 2009-2010

August and September was dry which affected the growth rate of the grasses. October was mild and wet which favoured the grasses.

The winter was colder than normal. Most precipitation fell as snow which covered the ground from mid December until the 1<sup>st</sup> of March. The spring came late as the soil was very cold and wet caused by the long winter. As a result, the average temperatures in spring were lower than what we have seen in the later years. Especially May was cold. The flowering condition for the grasses was average in 2010. The harvest of grass seeds was troublesome. The early crops were harvested under good conditions, but later the summer became very wet which made harvest difficult. All together, conditions for grass seed production for harvest in 2010 were acceptable although below optimum.

### *Poa pratensis* (Kentucky bluegrass)

Differences between varieties in yield were from (average) 1286-1974 kg/ha, with BARIRIS as the lowest yielding and BARON as the highest yielding. There was significant difference between the two varieties. The yield of BARIRIS was statistically similar to the yield of BARIMPALA and the yield of BARON was statistically similar to the yield of BARTENDER.

### *Festuca arundinacea* (Tall fescue)

Differences between varieties in yield were from (average) 927-1982 kg/ha, with BTR 4 (Barverde) as lowest yielding and ANGELA as highest yielding. There was significant difference between the yields of the two varieties. The remaining varieties were statistically similar to ANGELA.

### *Dactylis glomerata* (Orchard grass)

Differences between varieties in yield were from (average) 1260-1896 kg/ha, with Baraula as lowest yielding and OBERON as highest yielding. There was no significant difference between the yields of the varieties.

## 6. Appendix 1. Single plot data

### Variety testing of *Poa pratensis* for Barenbrug

Trial ID: 2008.541.00 Protocol ID: 2008.541.00  
 Location: Ny Lellinge Study Director: Peter Hvid  
 Investigator: Peter Hvid

Crop Code	POAPR	POAPR	POAPR	POAPR	
BBCH Scale	BGRM	BGRM	BGRM	BGRM	
Crop Scientific Name	Poa pratensis	Poa pratensis	Poa pratensis	Poa pratensis	
Crop Name	Kentucky blueg>	Kentucky blueg>	Kentucky blueg>	Kentucky blueg>	
Part Rated	GRAIN C	GRAIN C	GRAIN C	GRAIN C	
Rating Date	Jul-16-2010	Jul-16-2010	Jul-16-2010	Jul-16-2010	
Rating Type	YIELD	MOICON	WEIGHT LOSS	YIELD	
Rating Unit	KG	%	%	kg/ha	
Sample Size, Unit	21,85 M2	1 PLOT	1 PLOT	1 PLOT	
Crop Stage Majority	91	91	91	91	
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH	
Footnote Number				2	
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	
ARM Action Codes				T2	
Number of Decimals	1	2	2	0	
Trt Treatment No					
Name					
Plot	9	10	11	13	
1 BARIMPALA	102	4,1	12,33	29,10	1341
	301	4,7			1537
	303	5,4			1766
	503	4,8			1570
	701	4,1			1341
Mean =		4,6	12,33	29,10	1511
2 BARTENDER	101	4,9	16,23	18,60	1758
	302	5,1			1829
	403	5,6			2009
	502	5,8			2081
	603	4,9			1758
Mean =		5,3	16,23	18,60	1887
3 BARIRIS	201	3,3	12,12	27,20	1111
	203	4,8			1615
	402	3,6			1212
	501	3,5			1178
	602	3,9			1313
Mean =		3,8	12,12	27,20	1286
4 BARON	103	5,8	13,19	17,20	2193
	202	6,4			2420
	401	4,2			1588
	601	4,3			1626
	702	5,4			2042
Mean =		5,2	13,19	17,20	1974

Crop Code  
 POAPR, BGRM, Poa pratensis, = US

Part Rated

GRAIN = grain

C = Crop is Part Rated

Rating Type

YIELD = yield

MOICON = moisture content

Rating Unit

KG = kilogram

% = percent

kg/ha = kilograms per hectare

M2 = square meter

PLOT = total plot

Crop Stage Scale

BBCH = BBCH uniform plant stages

ARM Action Codes

T2 = [C12]-([C12]\*@MVAVGREP([C11])/100)

Footnote 2: Yield adjusted for water and purity

**Variety testing of *Festuca arundinacea***

Trial ID: 2008.543.00

Protocol ID: 2008.543.00

Location: Ny Lellinge

Study Director: Peter Hvid

Investigator: Peter Hvid

Crop Code	FESAR	FESAR	FESAR	FESAR	
BBCH Scale	BGRM	BGRM	BGRM	BGRM	
Crop Scientific Name	Festuca arundi>	Festuca arundi>	Festuca arundi>	Festuca arundi>	
Crop Name	Tall fescue	Tall fescue	Tall fescue	Tall fescue	
Part Rated	GRAIN C	GRAIN C	GRAIN C	GRAIN C	
Rating Date	Jul-29-2010	Jul-29-2010	Jul-29-2010	Jul-29-2010	
Rating Type	YIELD	MOICON	WEIGHT LOSS	YIELD	
Rating Unit	KG	%	%	kg/ha	
Sample Size, Unit	22,2 M2	1 plot	1 plot	1 plot	
Crop Stage Majority	91	91	91	91	
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH	
Footnote Number				2	
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	
ARM Action Codes				T2	
Number of Decimals	2	2	1	1	
Trt Treatment					
No. Name	Plot	6	7	8	10
1 BARLEROY	103	5,11	16,67	17,5	1818,9
	201	4,42			1573,3
	307	4,28			1523,4
	401	4,58			1630,2
	Mean =	4,60	16,67	17,5	1636,5
2 ANGELA	102	5,88	17,51	17,2	2079,4
	205	4,40			1556,0
	303	6,85			2422,4
	406	5,29			1870,7
	Mean =	5,61	17,51	17,2	1982,1

3 BARCESAR	107	4,88	17,21	15,8	1761,3
	203	4,90			1768,5
	305	4,49			1620,6
	403	5,03			1815,5
	Mean =	4,83			17,21
4 BTR 4 (Barverde)	105	2,86	15,58	15,3	1058,8
	202	2,68			992,2
	306	1,92			710,8
	404	2,56			947,8
	Mean =	2,51			15,58
5 Labarinth	106	4,17	20,29	15,4	1456,0
	204	4,79			1672,4
	302	4,57			1595,6
	405	4,86			1696,9
	Mean =	4,60			20,29

Crop Code

FESAR, BGRM, Festuca arundinacea, = US

Part Rated

GRAIN = grain

C = Crop is Part Rated

Rating Type

YIELD = yield

MOICON = moisture content

Rating Unit

KG = kilogram

% = percent

kg/ha = kilograms per hectare

M2 = square meter

plot = total plot

Crop Stage Scale

BBCH = BBCH uniform plant stages

Plant-Eval Interval

834 DP-1 = 1 Apr-16-2008

ARM Action CodesTY3 =  $450.4504 * [C6] * (100 - @MVAVGREP([C7])) / 87$ T2 =  $[C9] - ([C9] * @MVAVGREP([C8]) / 100)$ 

Footnote 2: Yield adjusted for water and purity

**Variety testing of *Dactylis glomerata***

Trial ID: 2008.544.00      Protocol ID: 2008.543.00  
 Location: Ny Lellinge      Study Director: Peter Hvid  
    Investigator: Peter Hvid

Crop Code		DACGL	DACGL	DACGL	DACGL
BBCH Scale		BGRM	BGRM	BGRM	BGRM
Crop Scientific Name		Dactylis glome>	Dactylis glome>	Dactylis glome>	Dactylis glome>
Crop Name		Orchard grass	Orchard grass	Orchard grass	Orchard grass
Part Rated		GRAIN -	GRAIN -	GRAIN -	GRAIN -
Rating Date		Jul-27-2009	Jul-27-2010	Jul-27-2009	Jul-27-2009
Rating Type		YIELD	MOICON	Weight Loss	YIELD
Rating Unit		KG	%	%	kg/ha
Sample Size, Unit		21,85 M2	1 plot	1 plot	1 PLOT
Crop Stage Majority		91	91	91	91
Crop Stage Scale		BBCH	BBCH	BBCH	BBCH
Footnote Number					2
SE Name		GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD
ARM Action Codes					T2
Number of Decimals		2	1	2	1
Trt Treatment					
No. Name	Plot	6	7	8	10
1 OBERON	101	4,48	11,3	10,81	1864,9
	203	5,24			2181,2
	206	4,40			1831,6
	305	4,10			1706,7
	Mean =	4,56	11,3	10,81	1896,1
2 BARAULA	105	4,08	15,4	11,33	1609,3
	202	4,11			1621,1
	207	4,89			1928,8
	304	4,28			1688,2
	Mean =	4,34	15,4	11,33	1711,8
3 INTENSIV	103	4,57	10,2	9,09	1963,7
	201	4,01			1723,1
	205	4,28			1839,1
	302	4,35			1869,2
	Mean =	4,30	10,2	9,09	1848,8
4 BARLEMAS	104	4,75	11,5	11,60	1954,7
	107	4,22			1736,6
	301	5,58			2296,2
	306	3,54			1456,7
	Mean =	4,52	11,5	11,60	1861,0

Crop Code  
 DACGL, BGRM, *Dactylis glomerata*, = US  
 Part Rated  
 GRAIN = grain  
 C = Crop is Part Rated  
 Rating Type  
 YIELD = yield  
 MOICON = moisture content



## 7. Appendix 2. Climatic data

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
01.07.2009	20.7	15.5	24.6	1.8	4.1
02.07.2009	21.2	15.5	26.0	0.0	4.8
03.07.2009	20.3	13.0	25.7	0.0	3.6
04.07.2009	22.7	18.4	27.3	0.0	5.5
05.07.2009	18.1	13.3	21.1	0.2	1.6
06.07.2009	18.4	14.6	22.2	1.0	3.7
07.07.2009	17.6	12.4	21.6	1.1	4.6
08.07.2009	16.9	13.4	20.7	2.1	4.4
09.07.2009	15.1	11.2	18.8	0.7	4.1
10.07.2009	14.2	12.5	16.9	8.3	2.3
11.07.2009	14.9	11.0	17.7	0.7	3.7
12.07.2009	16.3	14.4	18.7	4.3	3.4
13.07.2009	17.9	14.2	21.6	0.3	4.6
14.07.2009	18.8	13.3	23.7	0.0	4.0
15.07.2009	20.3	14.6	25.3	0.3	4.3
16.07.2009	18.7	11.8	23.1	0.0	4.6
17.07.2009	20.1	18.1	23.2	1.2	3.7
18.07.2009	17.5	15.0	20.2	5.3	1.6
19.07.2009	16.0	12.1	18.7	2.7	2.1
20.07.2009	15.5	12.8	18.4	2.7	3.3
21.07.2009	16.7	11.3	20.5	0.1	3.0
22.07.2009	19.0	16.2	22.1	6.2	1.8
23.07.2009	17.9	13.3	21.6	7.6	2.2
24.07.2009	16.6	12.6	20.9	4.1	3.4
25.07.2009	16.0	12.8	18.5	2.8	2.8
26.07.2009	16.3	13.9	18.7	0.5	2.8
27.07.2009	19.6	15.2	24.0	0.3	3.0
28.07.2009	17.6	11.5	22.8	0.0	3.6
29.07.2009	19.8	16.3	23.1	0.0	3.6
30.07.2009	16.4	11.8	20.3	3.2	3.0
31.07.2009	15.6	8.4	20.8	0.1	3.1
01.08.2009	17.9	13.5	21.4	0.0	3.9
02.08.2009	20.1	16.9	24.7	1.2	3.1
03.08.2009	16.5	15.5	17.6	6.3	0.9
04.08.2009	17.4	12.5	22.1	0.6	3.1
05.08.2009	19.2	13.2	24.7	0.0	4.6
06.08.2009	19.6	14.7	24.2	0.0	4.4
07.08.2009	19.9	16.6	23.9	0.0	4.5

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
08.08.2009	20.9	16.5	25.3	0.0	4.3
09.08.2009	21.5	17.9	26.9	0.9	3.8
10.08.2009	19.7	15.4	24.8	4.4	2.9
11.08.2009	17.7	15.2	21.1	1.9	2.2
12.08.2009	16.7	13.3	19.9	1.6	2.9
13.08.2009	15.8	11.9	20.4	0.6	3.4
14.08.2009	16.2	12.8	19.8	0.9	3.8
15.08.2009	17.8	13.3	21.9	4.2	2.3
16.08.2009	18.8	15.4	22.5	0.2	3.2
17.08.2009	16.5	12.8	19.8	3.7	2.2
18.08.2009	15.1	9.9	19.5	0.0	3.9
19.08.2009	17.6	13.2	21.1	0.0	3.9
20.08.2009	21.2	18.6	23.5	1.0	4.2
21.08.2009	18.1	13.6	21.3	0.0	1.3
22.08.2009	15.5	9.5	20.2	0.0	3.2
23.08.2009	17.2	13.4	20.6	0.0	3.1
24.08.2009	18.9	16.6	22.3	0.0	2.6
25.08.2009	18.8	15.0	22.1	1.4	2.7
26.08.2009	17.2	15.0	20.7	0.0	3.0
27.08.2009	20.9	16.9	25.2	0.0	3.6
28.08.2009	17.3	13.7	22.5	0.2	1.6
29.08.2009	14.7	11.8	18.1	1.4	2.8
30.08.2009	14.4	11.3	17.8	1.9	2.4
31.08.2009	17.0	14.3	18.8	0.4	1.7
01.09.2009	19.6	14.9	24.4	3.8	3.6
02.09.2009	16.3	13.1	18.8	0.2	2.4
03.09.2009	15.6	14.1	16.9	9.1	0.9
04.09.2009	15.3	13.6	17.5	1.9	1.7
05.09.2009	13.9	11.6	15.6	2.9	1.3
06.09.2009	15.7	13.9	18.2	1.4	2.2
07.09.2009	16.4	14.3	18.3	0.0	2.4
08.09.2009	18.3	14.3	23.2	0.0	3.2
09.09.2009	17.7	14.1	23.5	0.5	2.3
10.09.2009	14.6	10.1	19.2	0.1	2.4
11.09.2009	14.4	9.8	19.3	0.0	2.2
12.09.2009	14.3	10.6	17.4	0.4	2.5
13.09.2009	14.5	12.6	15.9	1.0	1.7
14.09.2009	14.7	12.3	17.8	0.0	2.4
15.09.2009	12.7	7.1	17.4	0.0	2.1
16.09.2009	13.0	8.0	18.2	0.0	2.5
17.09.2009	11.2	5.3	17.2	0.0	2.0
18.09.2009	12.3	6.7	18.1	0.0	2.5

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
19.09.2009	14.8	10.2	19.4	0.0	2.7
20.09.2009	15.3	8.9	22.1	0.0	2.4
21.09.2009	14.4	8.8	17.0	0.0	2.1
22.09.2009	16.0	14.2	18.3	0.4	1.7
23.09.2009	14.0	10.4	17.5	0.2	1.5
24.09.2009	13.7	10.8	17.1	0.2	1.7
25.09.2009	14.7	11.1	17.9	0.0	2.3
26.09.2009	14.9	14.1	16.2	0.0	0.7
27.09.2009	15.2	14.4	16.1	0.4	0.7
28.09.2009	13.7	10.6	16.0	1.5	0.8
29.09.2009	9.3	5.6	12.6	0.2	1.9
30.09.2009	10.5	5.6	12.3	0.8	1.4
01.10.2009	8.7	4.9	11.9	0.6	1.6
02.10.2009	8.0	5.8	10.9	6.9	1.5
03.10.2009	11.7	9.6	12.8	15.8	0.3
04.10.2009	10.2	7.7	12.2	0.5	1.5
05.10.2009	9.6	6.9	12.5	0.0	1.6
06.10.2009	12.5	5.9	14.2	3.7	1.8
07.10.2009	10.7	5.1	14.8	0.7	1.3
08.10.2009	9.0	5.7	12.6	1.2	1.0
09.10.2009	7.3	3.4	11.0	0.1	1.4
10.10.2009	8.9	3.6	11.0	1.9	0.6
11.10.2009	7.8	6.1	8.5	1.0	0.2
12.10.2009	5.8	3.2	8.4	1.1	1.3
13.10.2009	4.0	1.4	6.9	0.0	1.2
14.10.2009	3.8	1.4	6.7	0.0	0.9
15.10.2009	3.7	-0.7	7.5	0.2	1.3
16.10.2009	4.7	3.0	6.2	6.9	0.2
17.10.2009	6.0	2.3	8.5	0.1	0.8
18.10.2009	5.9	1.7	8.4	0.1	1.2
19.10.2009	8.0	6.5	10.3	0.0	0.7
20.10.2009	7.2	3.4	10.4	0.0	1.2
21.10.2009	7.8	6.5	10.0	0.0	0.8
22.10.2009	8.5	7.4	9.0	0.0	0.2
23.10.2009	7.8	7.3	8.6	1.6	0.2
24.10.2009	7.9	7.4	8.4	2.7	0.2
25.10.2009	10.4	8.2	12.0	2.8	0.3
26.10.2009	10.7	9.6	11.8	8.0	0.3
27.10.2009	8.0	5.2	10.2	0.0	0.5
28.10.2009	7.3	5.5	8.7	5.9	0.3
29.10.2009	5.6	4.2	7.2	0.0	0.4
30.10.2009	6.1	4.0	8.1	0.0	0.5

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
31.10.2009	5.8	5.0	7.2	0.0	0.3
01.11.2009	5.8	5.0	6.4	3.4	0.4
02.11.2009	6.2	4.5	7.0	15.9	0.1
03.11.2009	5.0	4.1	6.7	1.5	0.1
04.11.2009	2.8	2.2	3.3	9.5	0.0
05.11.2009	5.7	3.0	7.2	2.6	0.2
06.11.2009	7.6	7.1	8.1	0.7	0.1
07.11.2009	7.0	6.3	8.4	0.0	0.6
08.11.2009	6.5	5.6	7.1	0.5	0.1
09.11.2009	5.2	4.9	5.8	9.8	0.1
10.11.2009	6.1	5.5	6.6	1.4	0.1
11.11.2009	5.4	4.4	6.2	3.5	0.1
12.11.2009	4.9	4.3	5.6	1.4	0.1
13.11.2009	7.8	5.9	10.3	10.6	0.1
14.11.2009	9.6	8.7	10.4	1.6	0.3
15.11.2009	8.4	6.0	10.4	4.0	0.3
16.11.2009	8.5	7.9	9.4	2.6	0.3
17.11.2009	8.9	8.4	9.5	0.0	0.2
18.11.2009	8.9	8.5	9.4	8.0	0.1
19.11.2009	9.6	8.1	11.7	0.1	0.2
20.11.2009	10.7	7.7	12.9	0.1	0.6
21.11.2009	8.4	7.3	10.0	0.3	0.5
22.11.2009	9.4	8.5	10.4	3.1	0.1
23.11.2009	8.3	8.0	8.9	2.4	0.1
24.11.2009	8.9	7.4	10.6	3.4	0.5
25.11.2009	9.8	8.1	11.6	1.1	0.2
26.11.2009	7.8	6.3	8.8	3.4	0.1
27.11.2009	6.5	5.1	7.2	2.4	0.1
28.11.2009	6.5	5.9	7.5	6.2	0.2
29.11.2009	7.2	5.8	8.1	0.4	0.3
30.11.2009	5.3	3.8	6.7	0.7	0.1
01.12.2009	1.3	-2.1	4.2	0.0	0.2
02.12.2009	0.5	-2.0	2.1	0.3	0.2
03.12.2009	5.0	3.9	5.4	1.5	0.1
04.12.2009	4.7	3.1	5.7	0.8	0.1
05.12.2009	4.0	3.4	4.4	1.0	0.2
06.12.2009	5.8	4.7	7.1	5.8	0.1
07.12.2009	6.1	5.8	6.5	0.2	0.1
08.12.2009	5.4	4.1	6.2	0.0	0.2
09.12.2009	5.3	4.9	5.9	0.6	0.1
10.12.2009	5.0	4.1	5.3	6.2	0.0
11.12.2009	2.8	2.4	3.5	0.1	0.2

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
12.12.2009	1.0	-0.2	2.2	0.0	0.1
13.12.2009	0.3	-1.3	1.4	0.1	0.3
14.12.2009	-0.4	-1.8	0.2	0.0	0.1
15.12.2009	1.2	-0.3	1.9	2.2	0.1
16.12.2009	-0.4	-2.6	1.5	6.2	0.1
17.12.2009	-4.0	-5.2	-1.9	1.1	0.1
18.12.2009	-3.0	-4.0	-2.3	0.3	0.1
19.12.2009	-5.8	-7.6	-4.4	0.5	0.1
20.12.2009	-5.9	-7.2	-5.3	0.1	0.2
21.12.2009	-4.2	-6.7	-0.3	0.0	0.1
22.12.2009	0.3	-1.6	1.8	2.6	0.1
23.12.2009	0.8	0.1	1.3	0.0	0.1
24.12.2009	1.0	-0.8	2.3	0.8	0.1
25.12.2009	2.1	0.9	3.7	9.9	0.0
26.12.2009	3.3	2.3	4.3	1.4	0.2
27.12.2009	3.3	2.8	3.9	1.2	0.0
28.12.2009	1.1	-1.2	3.1	0.5	0.3
29.12.2009	-0.5	-2.2	2.6	0.0	0.3
30.12.2009	-1.4	-3.1	-0.1	0.0	0.1
31.12.2009	-4.6	-7.0	-2.1	0.0	0.1
01.01.2010	-6.2	-7.6	-5.2	0.1	0.1
02.01.2010	-5.4	-9.6	-2.9	0.4	0.2
03.01.2010	-7.0	-9.4	-5.5	0.1	0.1
04.01.2010	-1.3	-3.0	-0.2	1.8	0.1
05.01.2010	-1.9	-2.9	-1.5	0.7	0.1
06.01.2010	-3.6	-5.7	-2.0	0.3	0.2
07.01.2010	-6.9	-9.2	-5.4	0.0	0.1
08.01.2010	-8.0	-9.4	-6.5	0.0	0.2
09.01.2010	-2.5	-5.3	-0.0	0.0	0.3
10.01.2010	-0.7	-1.3	0.0	0.0	0.2
11.01.2010	-0.5	-1.3	0.1	0.4	0.2
12.01.2010	0.1	-0.3	1.0	1.1	0.1
13.01.2010	0.6	-1.0	1.2	0.0	0.1
14.01.2010	-1.2	-1.5	-0.9	0.0	0.1
15.01.2010	-1.7	-2.3	-1.3	0.0	0.0
16.01.2010	-2.0	-3.3	-1.0	0.0	0.1
17.01.2010	-2.0	-3.0	-1.5	1.7	0.0
18.01.2010	-1.9	-2.7	-1.4	0.0	0.1
19.01.2010	-0.7	-2.0	0.1	0.3	0.1
20.01.2010	-1.3	-2.7	-0.2	0.1	0.1
21.01.2010	-1.5	-3.0	-0.4	0.0	0.2
22.01.2010	-3.4	-4.2	-2.9	0.0	0.1

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
23.01.2010	-3.6	-4.5	-3.0	0.0	0.3
24.01.2010	-4.1	-4.5	-3.5	0.0	0.3
25.01.2010	-5.5	-9.2	-2.5	0.0	0.3
26.01.2010	-5.0	-10.6	-2.7	0.1	0.4
27.01.2010	-1.2	-4.1	2.1	3.9	0.1
28.01.2010	-1.4	-5.3	1.4	0.0	0.5
29.01.2010	-3.4	-5.9	-1.5	5.3	0.2
30.01.2010	-9.5	-14.5	-6.0	1.3	0.3
31.01.2010	-1.0	-3.7	0.2	1.4	0.2
01.02.2010	-3.7	-7.7	0.2	0.5	0.2
02.02.2010	-1.6	-3.9	0.3	4.3	0.2
03.02.2010	-2.1	-5.1	-1.2	0.1	0.4
04.02.2010	-2.2	-7.3	-0.0	0.0	0.4
05.02.2010	0.1	-0.9	0.7	0.0	0.3
06.02.2010	-1.7	-2.5	-1.1	0.0	0.2
07.02.2010	-3.6	-5.2	-2.1	0.0	0.2
08.02.2010	-5.9	-8.0	-4.7	0.0	0.3
09.02.2010	-3.9	-5.8	-3.0	0.2	0.4
10.02.2010	-3.1	-6.3	-1.6	0.2	0.4
11.02.2010	-5.4	-8.2	-2.5	0.0	0.6
12.02.2010	-4.4	-8.3	-2.6	0.1	0.5
13.02.2010	-3.4	-4.2	-2.9	0.3	0.3
14.02.2010	-2.7	-3.6	-2.1	0.2	0.4
15.02.2010	-1.8	-3.2	-0.4	0.1	0.3
16.02.2010	-1.5	-2.5	-1.0	0.2	0.4
17.02.2010	-0.8	-1.1	-0.7	0.0	0.3
18.02.2010	-0.2	-0.6	0.3	1.7	0.2
19.02.2010	0.7	0.2	1.2	2.6	0.5
20.02.2010	0.1	-3.7	1.6	0.4	0.5
21.02.2010	-7.1	-11.1	-4.6	0.8	0.5
22.02.2010	-0.9	-2.3	-0.2	1.5	0.4
23.02.2010	-3.4	-4.5	-2.2	0.0	0.5
24.02.2010	-1.4	-4.8	-0.2	1.6	0.5
25.02.2010	1.2	0.0	2.4	4.0	0.3
26.02.2010	2.1	1.5	2.5	1.3	0.6
27.02.2010	2.5	2.0	2.8	0.8	0.3
28.02.2010	2.3	1.7	3.6	5.5	0.8
01.03.2010	0.9	0.6	1.3	0.4	0.3
02.03.2010	-0.4	-3.4	2.4	1.3	0.7
03.03.2010	-1.1	-4.2	2.1	0.1	0.8
04.03.2010	-2.5	-4.8	-0.2	0.0	1.0
05.03.2010	-3.8	-8.0	-0.3	0.0	0.7

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
06.03.2010	-2.4	-5.2	1.6	0.0	0.8
07.03.2010	-1.8	-5.5	1.5	0.0	0.7
08.03.2010	-1.9	-4.2	1.9	0.0	0.8
09.03.2010	-2.8	-4.5	-1.5	0.0	0.3
10.03.2010	-1.3	-2.6	-0.8	0.0	0.3
11.03.2010	1.2	-0.3	2.0	0.0	0.4
12.03.2010	1.5	0.0	3.3	0.1	0.3
13.03.2010	2.9	0.0	5.5	0.2	1.2
14.03.2010	0.3	-2.2	2.7	0.3	1.0
15.03.2010	0.0	-3.0	3.3	0.0	1.3
16.03.2010	1.4	-2.3	3.4	0.0	1.5
17.03.2010	4.0	2.4	5.8	1.2	0.9
18.03.2010	7.4	3.2	10.9	0.0	1.6
19.03.2010	7.5	5.1	9.6	0.2	0.6
20.03.2010	7.8	5.8	9.2	8.2	0.3
21.03.2010	6.2	4.5	7.9	0.0	1.2
22.03.2010	5.4	3.7	8.0	0.8	1.3
23.03.2010	5.7	1.3	8.3	0.1	1.2
24.03.2010	4.3	0.5	7.3	0.0	1.2
25.03.2010	6.4	3.0	9.9	0.0	1.5
26.03.2010	10.1	4.7	15.5	11.6	1.8
27.03.2010	6.3	4.6	7.9	1.9	0.4
28.03.2010	6.0	4.4	8.0	0.0	1.1
29.03.2010	4.3	-0.2	7.0	0.0	0.7
30.03.2010	6.3	3.0	8.4	3.2	2.0
31.03.2010	6.3	3.0	9.4	1.2	1.5
01.04.2010	4.6	2.8	6.6	0.7	1.3
02.04.2010	5.3	2.4	10.0	0.0	2.2
03.04.2010	5.1	3.7	7.8	0.4	1.6
04.04.2010	3.9	3.2	4.9	11.2	0.4
05.04.2010	5.3	2.9	7.4	0.4	0.7
06.04.2010	6.4	3.1	9.9	0.0	1.4
07.04.2010	6.5	3.7	10.9	0.0	1.7
08.04.2010	7.8	4.1	11.6	0.3	1.9
09.04.2010	6.9	3.3	9.7	0.0	0.9
10.04.2010	6.9	3.9	9.4	0.0	2.4
11.04.2010	7.0	2.7	12.1	0.0	2.2
12.04.2010	5.6	0.7	10.5	0.0	1.8
13.04.2010	7.6	3.3	11.9	0.0	2.6
14.04.2010	6.0	-0.3	11.9	0.0	1.8
15.04.2010	8.7	4.2	13.3	0.0	2.0
16.04.2010	6.9	3.7	10.5	0.0	1.9

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
17.04.2010	7.4	4.7	10.8	0.0	1.7
18.04.2010	7.9	2.0	12.4	0.0	2.4
19.04.2010	5.3	1.2	8.3	0.0	2.7
20.04.2010	4.3	2.3	6.3	4.2	1.2
21.04.2010	3.6	1.1	5.9	2.0	1.7
22.04.2010	5.5	2.1	8.8	0.2	2.6
23.04.2010	6.1	2.4	9.1	0.3	2.0
24.04.2010	5.7	1.2	10.8	0.0	2.0
25.04.2010	8.1	5.8	11.4	0.0	2.2
26.04.2010	10.6	7.9	13.4	0.2	2.4
27.04.2010	9.9	6.0	12.9	0.0	1.9
28.04.2010	12.2	8.2	15.5	0.0	3.3
29.04.2010	15.4	9.9	20.0	0.1	2.8
30.04.2010	10.7	7.9	12.9	4.8	0.9
01.05.2010	8.9	4.2	12.0	0.5	2.0
02.05.2010	7.8	2.9	11.3	0.0	3.1
03.05.2010	7.8	6.1	10.4	0.0	2.0
04.05.2010	6.4	3.7	9.2	0.5	2.9
05.05.2010	6.6	3.1	9.2	0.0	2.3
06.05.2010	6.6	4.3	8.7	1.5	2.2
07.05.2010	6.3	4.8	7.6	8.1	0.3
08.05.2010	5.9	5.2	6.7	0.1	0.6
09.05.2010	6.9	3.2	8.6	1.2	1.1
10.05.2010	7.3	4.6	9.7	0.0	2.5
11.05.2010	7.4	5.8	9.1	1.7	1.4
12.05.2010	6.6	5.2	7.6	20.2	0.4
13.05.2010	8.2	7.3	9.5	0.1	1.1
14.05.2010	9.0	7.6	10.7	0.1	1.1
15.05.2010	8.3	7.4	9.9	19.3	0.4
16.05.2010	8.5	7.5	9.4	0.4	0.8
17.05.2010	10.3	7.2	13.8	0.0	3.7
18.05.2010	12.4	9.0	15.1	0.4	2.9
19.05.2010	15.5	12.0	19.4	4.0	3.2
20.05.2010	15.3	12.2	18.9	1.0	2.6
21.05.2010	15.9	12.8	19.6	0.1	3.1
22.05.2010	15.4	12.4	19.4	0.0	2.8
23.05.2010	13.5	9.6	17.0	0.0	3.1
24.05.2010	10.7	7.5	14.1	2.1	1.7
25.05.2010	9.4	5.2	12.4	0.2	3.7
26.05.2010	9.9	5.7	13.5	0.0	3.7
27.05.2010	9.5	3.9	13.1	0.9	2.0
28.05.2010	9.9	7.2	14.0	5.3	2.5



Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
29.05.2010	11.5	9.1	14.9	0.0	3.9
30.05.2010	10.4	9.5	11.2	15.4	0.9
31.05.2010	12.8	10.4	16.5	0.1	2.2
01.06.2010	11.6	10.7	12.5	5.3	1.0
02.06.2010	15.4	10.5	19.4	0.0	3.2
03.06.2010	13.4	8.3	17.2	0.0	3.1
04.06.2010	15.6	9.2	21.1	0.0	4.7
05.06.2010	15.7	9.1	19.7	0.0	3.3
06.06.2010	15.8	12.2	20.3	9.6	4.3
07.06.2010	11.9	10.0	13.9	17.8	1.1
08.06.2010	14.2	12.0	17.5	1.4	3.4
09.06.2010	14.0	12.5	16.6	3.1	2.1
10.06.2010	13.2	10.9	14.6	6.3	1.0
11.06.2010	13.9	10.2	18.5	7.7	1.8
12.06.2010	12.4	10.7	15.3	1.5	3.3
13.06.2010	11.7	8.5	14.2	0.1	2.9
14.06.2010	12.0	7.0	15.0	0.0	3.1
15.06.2010	11.6	7.7	15.4	1.4	3.8
16.06.2010	14.1	7.6	18.9	0.0	3.2
17.06.2010	14.2	10.4	18.4	0.0	3.2
18.06.2010	12.3	8.0	16.2	0.0	3.6
19.06.2010	11.0	7.6	13.9	2.5	2.7
20.06.2010	12.5	8.1	16.3	0.6	3.3
21.06.2010	13.6	8.5	17.7	0.2	3.4
22.06.2010	15.1	11.0	18.6	0.0	4.8
23.06.2010	15.2	10.6	19.6	0.0	4.3
24.06.2010	17.8	13.4	22.1	0.0	5.0
25.06.2010	16.1	10.7	19.3	0.0	4.0
26.06.2010	13.2	7.6	17.4	0.0	3.0
27.06.2010	15.9	9.4	20.5	0.0	4.7
28.06.2010	17.4	11.5	21.8	0.0	3.5
29.06.2010	19.4	14.7	23.5	1.0	5.2
30.06.2010	15.4	9.1	19.6	0.0	3.7
01.07.2010	17.0	12.3	21.5	0.0	3.4
02.07.2010	19.8	16.9	22.6	0.0	5.1
03.07.2010	20.5	14.0	25.7	0.0	5.4
04.07.2010	19.6	12.9	24.3	0.0	4.1
05.07.2010	18.8	12.1	23.2	0.2	4.2
06.07.2010	15.0	10.2	18.7	0.0	2.9
07.07.2010	17.4	14.5	21.2	4.2	4.9
08.07.2010	19.7	15.3	24.3	0.1	4.0
09.07.2010	22.0	18.7	25.6	0.0	4.8

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
10.07.2010	24.1	18.6	29.7	0.0	4.9
11.07.2010	23.4	16.7	28.5	1.8	4.7
12.07.2010	23.1	19.5	27.7	19.8	4.9
13.07.2010	19.0	13.6	21.8	2.6	3.1
14.07.2010	22.2	19.4	24.9	0.2	5.3
15.07.2010	19.9	13.6	24.0	0.2	4.2
16.07.2010	22.0	18.6	25.7	0.6	5.4
17.07.2010	19.0	13.0	22.0	0.5	2.9
18.07.2010	16.4	10.6	21.1	3.0	4.2
19.07.2010	19.0	14.7	23.5	0.0	4.3
20.07.2010	20.7	15.4	24.8	0.0	3.5
21.07.2010	22.1	18.7	25.1	0.8	4.5
22.07.2010	20.4	16.4	23.7	0.0	3.3
23.07.2010	19.1	16.2	23.1	0.0	3.4
24.07.2010	18.0	15.5	20.6	0.0	3.0
25.07.2010	16.5	11.9	20.9	0.0	4.2
26.07.2010	17.7	13.4	21.4	0.0	4.3
27.07.2010	18.2	13.2	22.2	0.6	2.6
28.07.2010	18.9	15.8	22.3	5.5	3.3
29.07.2010	17.6	14.7	21.1	8.0	2.4
30.07.2010	15.1	12.1	16.6	3.8	1.4
31.07.2010	19.7	16.4	23.9	0.4	4.0
01.08.2010	19.8	17.1	23.0	1.2	2.8
02.08.2010	17.3	12.9	21.6	0.6	2.5
03.08.2010	16.2	10.0	20.2	0.0	3.1
04.08.2010	17.3	14.4	20.8	4.8	3.3
05.08.2010	18.8	15.9	22.6	1.2	2.8
06.08.2010	18.0	15.4	21.8	0.1	2.6
07.08.2010	20.1	16.6	24.1	0.1	3.5
08.08.2010	16.7	15.7	17.9	23.5	0.6
09.08.2010	15.4	9.8	19.5	0.0	2.8
10.08.2010	18.9	15.1	21.5	0.1	4.1
11.08.2010	17.1	11.2	20.5	5.0	1.5
12.08.2010	17.1	15.7	19.4	27.8	1.5
13.08.2010	17.4	14.3	21.5	0.7	3.0
14.08.2010	17.6	16.3	18.7	27.6	0.8
15.08.2010	19.8	17.8	22.1	0.5	2.1
16.08.2010	18.8	15.2	21.3	2.0	1.7
17.08.2010	15.9	15.4	17.1	32.0	0.5
18.08.2010	15.4	11.7	18.2	4.3	1.3
19.08.2010	16.2	12.0	20.3	0.1	3.0
20.08.2010	18.7	15.2	21.2	0.1	2.7

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
21.08.2010	20.4	18.6	23.1	0.6	3.0
22.08.2010	17.4	11.6	20.9	9.7	1.6
23.08.2010	17.2	13.5	18.6	11.9	1.9
24.08.2010	15.5	12.9	17.9	1.4	3.2
25.08.2010	14.5	10.7	17.6	0.0	2.8
26.08.2010	13.0	8.9	17.1	0.0	2.5
27.08.2010	13.2	8.3	17.6	0.0	2.3
28.08.2010	13.0	7.6	17.7	0.8	2.7
29.08.2010	12.1	10.8	13.3	9.9	1.5
30.08.2010	12.8	8.7	17.0	1.5	2.8
31.08.2010	13.9	10.7	17.9	0.1	3.0