

Roscani (Lat 46 ° 54 ' 15 " N Long 29 ° 18 ' 56 " E)

	P50 (Mm/month)	Temp		Ref Humid (%)	Sunshine (% of Hrs)	
		(mean) (deg. C)	(DTR) (deg. C)			
Jan	27.78	-3	5.9	86	27	
Feb	29.89	-1.5	5.7	85	28	
Mar	23.7	3.1	7.1	78	34	
Apr	33.46	10.4	9.4	67	46	
May	45.44	16.3	9.9	64	55	
Jun	64.13	19.7	10	65	60	
Jul	58.05	21.3	9.9	65	63	
Aug	38.15	20.8	10.4	63	67	
Sep	34.07	16.6	10.3	66	61	
Oct	20.29	10.5	8.9	73	51	
Nov	29.92	4.6	6.3	83	27	
Dec	32.24	-0.1	5.4	86	23	

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.381	1.12	2.502	4.0098	4.4988	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	4.2		0.41										
	4.4		0.61										
	4.2		1.27										
	4.1		2.8										
	3.7		4.17										
	3.5		4.89										
	3.4		5.04										
	3.4		4.64										
	3.1		3.1										
	3.2		1.62										
	3.9		0.73										
	4.1		0.44										

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	
	0.93	0.95	0.6 kc
	4.6872	4.408	0.972 Etc (mm/d)

Kc for month	Onions	Kc for month	potatoes	Kc for month	sunflower
	0.5 int + dev		0.625 int		0.45 int
	0.75 dev + mid		0.95 dev		0.75 dev
	1 M		1.05 dev+ mid		1.083333333 dev+ mid
0.833333333	M + I	0.983333333	M+I		1.1 M+I
	L		0.85 L		0.85 L

Late season stage	Etc	mm/day			
	Water melons	Onion	Potatoes		Sunflower
0.75					
0.85	Jan				
0.85	Feb				
0.55	Mar				
0.9	Apr	1.4	1.75		1.26 0.98
0.8	May	3.1275	3.9615		3.1275 2.7105
0.45	Jun	4.89	5.1345		5.2975 4.9715
0.45	Jul	4.2	4.956		5.544 5.292
1	Aug		3.944		3.944 2.552
0.8	Sep		0		
	Oct				
	Nov				
	Dec				

	Etc	mm/month			
	Water melons	Onion	Potatoes		Sunflower
	Jan	0	0		0 0
	Feb	0	0		0 0
	Mar	0	0		0 0
	Apr	42	52.5		37.8 14.7
	May	93.825	118.845		93.825 81.315
	Jun	146.7	154.035		158.925 149.145
	Jul	126	148.68		166.32 158.76
	Aug	0	118.32		98.6 12.76
ay	Sep	0	0		0 0
	Oct	0	0		0 0
	Nov	0	0		0 0
	Dec	0	0		0 0
	total	408.525	592.38		555.47 416.68

Kc for month sunflower Kc for month cabbage Kc for month tomato Kc for month

0.35 int		0.35 int + dev		0.55 int		0.45
0.65 dev		0.65 dev + mid		0.9 dev		0.75
1.016666667 dev+ mid		1.016666667 mid		1.05 dev + mid		1.016666667
1.05 M+l		1.05 mid + late		0.975 mid + late		1.033333333
0.55 L		0.55		late		0.8

cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

							0.3175
1.54	1.26	1.54	1.54	1.12	1.4233333		1.26
3.753	3.1275	4.2395	4.2395	2.78	3.336		2.7105
5.1345	4.9715	5.6235	5.6235	4.76775	5.6235		3.6675
4.914	5.208	2.268	2.268	5.67	5.796		3.78
	3.712			4.64	3.712		3.248
					2.48		1.705

cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	4.7625
46.2	37.8	46.2	46.2	11.2	42.7		37.8
112.59	93.825	127.185	127.185	83.4	100.08		81.315
154.035	149.145	168.705	168.705	143.0325	168.705		110.025
73.71	156.24	68.04	68.04	170.1	173.88		113.4
0	55.68	0	0	116	111.36		97.44
0	0	0	0	0	24.8		51.15
0	0	0	0	0	0		0
0	0	0	0	0	0		0
0	0	0	0	0	0		0
386.535	492.69	410.13	410.13	523.7325	621.525		495.8925

Barley	Kc for month	Wheat	Kc for month	Maize	Kc for month	sugarbeet	Kc for mon
int + dev		0.55 int + dev		0.55 int		0.4 I + D	0.508333
dev + mid	1.016666667	dev + mid	1.016666667	int + d	0.666666667	D	0.8
mid		1.15 mid		1.15 D+m		0.975 M	1.15
I		0.45 I		0.45 M+I		1.125 M	1.15
				I		1 L	0.8
						L	0.8

Apples Effective rainfall

Jan	6.668
Feb	7.934
0.381 Mar	4.22
1.12 Apr	10.076
2.502 May	17.264
4.0098 Jun	28.478
4.4988 Jul	24.83
4.6872 Aug	12.89
4.408 Sep	10.442
0.972 Oct	2.174
Nov	7.952
Dec	9.344

IWN mm/month

Apples	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes
Jan						
Feb						
11.43 Mar						
33.6 Apr	31.924	42.424	27.724	4.624	36.124	27.724
75.06 May	76.561	101.581	76.561	64.051	95.326	76.561
120.294 Jun	118.222	125.557	130.447	120.667	125.557	120.667
134.964 Jul	101.17	123.85	141.49	133.93	48.88	131.41
140.616 Aug		105.43	85.71	-0.13		42.79
132.24 Sep						
29.16 Oct						
0 Nov						
Dec						
677.364 Total	327.877	498.842	461.932	323.142	305.887	399.152

Grapes

- 0.25
- 0.45
- 0.65
- 0.75
- 0.75
- 0.7
- 0.55

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples
				0.5425	
36.124	36.124	1.124	32.624	27.724	23.524
109.921	109.921	66.136	82.816	64.051	57.796
140.227	140.227	114.5545	140.227	81.547	91.816
43.21	43.21	145.27	149.05	88.57	110.134
		103.11	98.47	84.55	127.726
			14.358	40.708	121.798
					26.986
329.482	329.482	430.1945	517.545	387.6925	559.78

Tetcani (Lat 48 ° 10 ' 49 " N Long 26 ° 59 ' 05 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	22.88	-3.9	7		85 25
Feb	25.06	-2.1	6.9		84 27
Mar	22.98	2.6	8.3		80 34
Apr	39.24	9.8	10.7		72 41
May	52.83	15.6	11.3		70 48
Jun	68.9	18.9	11.3		70 52
Jul	66.95	20.4	11.5		69 55
Aug	45.61	19.8	12		69 59
Sep	32.58	15.8	11.6		72 53
Oct	20.23	9.9	10.3		78 44
Nov	28.47	4.1	7		85 26
Dec	28.96	-1	6.3		87 22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40		20	120
Onion	25	30	10		5	70
Potatoes	30	35	50		30	145
Sunflower	20	35	45		25	125
cabbage	20	25	60		15	120
tomatoes	30	40	40		25	135
Barley	15	25	50		30	120
Wheat	15	25	50		30	120
Maize	20	35	40		30	125
Sugarbeet	25	35	60		40	160
Grapes	20	40	120		60	240

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40		20	120
Onion	15	25	70		40	150
Potatoes	30	35	50		30	145
Sunflower	20	35	45		25	125
cabbage	20	25	60		15	120
tomatoes	30	40	40		25	135
Barley	15	25	50		30	120
Wheat	15	25	50		30	120
Maize	20	35	40		30	125
Sugarbeet	25	35	60		40	160
Grapes	20	40	120		60	240

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	3.8	0.38	
	4	0.59	
	3.9	1.15	
	3.8	2.44	
	3.4	3.62	
	3	4.28	
	2.9	4.44	
	2.8	3.92	
	2.8	2.6	
	2.9	1.31	
	3.5	0.6	
	3.5	0.35	

plan date	Kc Intial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.7	1
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

plan date	Kc Intial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.6 int	0.45 int	0.35 int
	0.75 dev + mid	0.9 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + I	1 M+I	1.1 M+I	1.05 M+I
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day				
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes
0.75						
1 Jan						
0.85 Feb						
0.55 Mar						
0.9 Apr	1.22	1.464	1.098	0.854	1.342	1.098
0.8 May	2.715	3.258	2.715	2.353	3.258	2.715
0.45 Jun	4.28	4.494	4.636667	4.351333	4.494	4.351333
0.45 Jul	3.7	4.44	4.884	4.662	4.329	4.588
1 Aug		3.332	3.332	2.156		3.136
0.8 Sep		0				
Oct		0				
Nov						
Dec						

Late season stage	Etc	mm/month				
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes
0.75						
0.85 Jan	0	0	0	0	0	0
0.85 Feb	0	0	0	0	0	0
0.55 Mar	0	0	0	0	0	0
0.9 Apr	36.6	43.92	32.94	12.81	40.26	32.94
0.8 May	81.45	97.74	81.45	70.59	97.74	81.45
0.45 Jun	128.4	134.82	139.1	130.54	134.82	130.54
0.45 Jul	111	133.2	146.52	139.86	64.935	137.64
1 Aug	0	99.96	83.3	10.78	0	47.04
0.8 Sep	0	0	0	0	0	0
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec	0	0	0	0	0	0
total	357.45	509.64	483.31	364.58	337.755	429.61

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	3.728	
						Feb	5.036	
				0.2875		25 Mar	3.788	
1.342	1.342	0.976	1.240333	1.098		35 Apr	13.544	
3.680333	3.680333	2.413333	2.896	2.353		60 May	21.698	
4.922	4.922	4.173	4.922	3.21		40 Jun	31.34	
1.998	1.998	4.995	5.106	3.33		160 Jul	30.17	
		3.92	3.136	2.744	April	Aug	17.366	
			2.08	1.43		0.45 Sep	9.548	
						0.8 Oct	2.138	
						Nov	7.082	
						Dec	7.376	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.3125	750	Mar		
40.26	40.26	9.76	37.21	32.94	1050	Apr	23.056	30.376
110.41	110.41	72.4	86.88	70.59	1800	May	59.752	76.042
147.66	147.66	125.19	147.66	96.3	1200	Jun	97.06	103.48
59.94	59.94	149.85	153.18	99.9	4800	Jul	80.83	103.03
0	0	98	94.08	82.32	#####	Aug		82.594
0	0	0	20.8	42.9	13.5	Sep		
0	0	0	0	0	24	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0		Dec		
358.27	358.27	455.2	539.81	429.2625	#####	Total	260.698	395.522

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

								0.5245
19.396	-0.734	26.716	19.396	26.716	26.716	-3.784	23.666	19.396
59.752	48.892	76.042	59.752	88.712	88.712	50.702	65.182	48.892
107.76	99.2	103.48	99.2	116.32	116.32	93.85	116.32	64.96
116.35	109.69	34.765	107.47	29.77	29.77	119.68	123.01	69.73
65.934	-6.586		29.674			80.634	76.714	64.954
							11.252	33.352
369.192	250.462	241.003	315.492	261.518	261.518	341.082	416.144	301.8085

Apples

1036.456

1778.302

1168.66

4769.83

#####

3.952

21.862

#####

Blindești (Lat 47 ° 18 ' 46 " N Long 27 ° 40 ' 27 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	22.41	-3.3	6.7		87 25
Feb	25.97	-1.3	6.8		85 27
Mar	21.24	3.7	8.6		80 35
Apr	38.42	11	11.1		71 43
May	49.8	16.6	11.8		68 51
Jun	69.25	19.8	11.5		70 55
Jul	57.46	21.2	11.6		71 58
Aug	44.83	20.8	12.1		70 62
Sep	33.23	16.9	11.8		72 56
Oct	19.48	10.9	10.4		77 47
Nov	29.23	4.9	7.1		85 26
Dec	27.09	-0.2	6		87 22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.369	1.06	2.346	3.6736	4.1216	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	3.8	0.36	
	4.1	0.6	
	3.9	1.23	
	3.9	2.65	
	3.4	3.91	
	3.1	4.48	
	2.9	4.52	
	2.8	4.07	
	2.7	2.73	
	2.8	1.42	
	3.4	0.64	
	3.5	0.38	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.852 Etc (mm/d)
	0.93 4.2036	0.95 3.8665	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc mm/day							
	Water	melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75								
0.85	Jan							
0.85	Feb							
0.55	Mar							
0.9	Apr	1.325	1.65625	1.1925	0.9275	1.4575	1.1925	
0.8	May	2.9325	3.7145	2.9325	2.5415	3.519	2.9325	
0.45	Jun	4.48	4.704	4.853333	4.554667	4.704	4.554667	
0.45	Jul	3.766667	4.444667	4.972	4.746	4.407	4.670667	
1	Aug		3.4595	3.4595	2.2385		3.256	
0.8	Sep		0					
	Oct							
	Nov							
	Dec							
		Etc mm/month						
		Water	melk	Onion	Potatoes	Sunflower	cabbage	tomatoes
	Jan	0	0	0	0	0	0	0
	Feb	0	0	0	0	0	0	0
	Mar	0	0	0	0	0	0	0
	Apr	39.75	49.6875	35.775	13.9125	43.725	35.775	
	May	87.975	111.435	87.975	76.245	105.57	87.975	
	Jun	134.4	141.12	145.6	136.64	141.12	136.64	
	Jul	113	133.34	149.16	142.38	66.105	140.12	
	Aug	0	103.785	86.4875	11.1925	0	48.84	
ay	Sep	0	0	0	0	0	0	
	Oct	0	0	0	0	0	0	
	Nov	0	0	0	0	0	0	
	Dec	0	0	0	0	0	0	
	total	375.125	539.3675	504.9975	380.37	356.52	449.35	

Kc for mon cabbage Kc for month tomato Kc for mon Barley Kc for mon Wheat

0.35 int + dev		0.55 int		0.45 int + dev		0.55 int + dev
0.65 dev + mid		0.9 dev		0.75 dev + mid		1.016667 dev + mid
1.016667 mid		1.05 dev + mid		1.016667 mid		1.15 mid
1.05 mid + late		0.975 mid + late		1.033333 l		0.45 l
0.55		late		0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall
						Jan 3.446
						Feb 5.582
				0.3075	0.369	Mar 2.744
1.4575	1.4575		1.06	1.347083	1.1925	1.06 Apr 13.052
3.975167	3.975167	2.606666667		3.128	2.5415	2.346 May 19.88
5.152	5.152		4.368	5.152	3.36	3.6736 Jun 31.55
2.034	2.034		5.085	5.198	3.39	4.1216 Jul 24.476
			4.07	3.256	2.849	4.2036 Aug 16.898
				2.184	1.5015	3.8665 Sep 9.938
						0.852 Oct 1.688
						Nov 7.538
						Dec 6.254
						IWN mm/month

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Water melo
0	0		0	0	0	Jan
0	0		0	0	0	Feb
0	0		0	0	4.6125	11.07 Mar
43.725	43.725		10.6	40.4125	35.775	31.8 Apr 26.698
119.255	119.255		78.2	93.84	76.245	70.38 May 68.095
154.56	154.56		131.04	154.56	100.8	110.208 Jun 102.85
61.02	61.02		152.55	155.94	101.7	123.648 Jul 88.524
0	0		101.75	97.68	85.47	126.108 Aug
0	0		0	21.84	45.045	115.995 Sep
0	0		0	0	0	25.56 Oct
0	0		0	0	0	0 Nov
0	0		0	0	0	Dec
378.56	378.56		474.14	564.2725	449.6475	614.769 Total 286.167

Kc for mon Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
0.55 int	0.4 I + D	0.508333	0.45
1.016667 int + d	0.666667 D	0.8	0.65
1.15 D+m	0.975 M	1.15	0.75
0.45 M+l	1.125 M	1.15	0.75
l	1 L	0.8	0.7
	L	0.8	0.55

l

Onion Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet

36.6355	22.723	0.8605	30.673	22.723	30.673	30.673	-2.452	27.3605
91.555	68.095	56.365	85.69	68.095	99.375	99.375	58.32	73.96
109.57	114.05	105.09	109.57	105.09	123.01	123.01	99.49	123.01
108.864	124.684	117.904	41.629	115.644	36.544	36.544	128.074	131.464
86.887	69.5895	-5.7055		31.942			84.852	80.782
								11.902

433.5115 399.1415 274.514 267.562 343.494 289.602 289.602 368.284 448.4785

Grapes Apples

1.8685

22.723 18.748

56.365 50.5

69.25 78.658

77.224 99.172

68.572 109.21

35.107 106.057

23.872

331.1095 486.217

Grozești (Lat 47 ° 00 ' 11 " N Long 28 ° 04 ' 35 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	23.22	-3.1	6.6		87 26
Feb	26.97	-1.2	6.5		85 28
Mar	21.86	3.8	8.4		79 35
Apr	37.79	11	10.9		69 44
May	49.31	16.6	11.4		67 52
Jun	68.3	19.9	11.3		68 57
Jul	55.98	21.4	11.4		69 60
Aug	43.44	20.9	11.9		68 64
Sep	33.98	17	11.7		71 58
Oct	19.67	11	10.2		76 49
Nov	29.39	5	7.1		85 27
Dec	27.73	-0.1	5.9		87 22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40		20	120
Onion	15	25	70		40	150
Potatoes	30	35	50		30	145
Sunflower	20	35	45		25	125
cabbage	20	25	60		15	120
tomatoes	30	40	40		25	135
Barley	15	25	50		30	120
Wheat	15	25	50		30	120
Maize	20	35	40		30	125
Sugarbeet	25	35	60		40	160
Grapes	20	40	120		60	240

	March	April	May	June	July	
Apple	0.3	0.4	0.6		0.82	0.92
	0.384	1.108	2.4		3.8212	4.2872

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	3.9	0.37	
	4.1	0.61	
	4	1.28	
	4	2.77	
	3.5	4	
	3.2	4.66	
	3.1	4.73	
	3	4.26	
	2.7	2.82	
	2.9	1.49	
	3.5	0.65	
	3.7	0.4	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.894 Etc (mm/d)
	0.93 4.3989	0.95 4.047	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc mm/day							
	Water	melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75								
0.85	Jan							
0.85	Feb							
0.55	Mar							
0.9	Apr	1.385	1.73125	1.2465	0.9695	1.5235	1.2465	
0.8	May	3	3.8	3	2.6	3.6	3	
0.45	Jun	4.66	4.893	5.048333	4.737667	4.893	4.737667	
0.45	Jul	3.941667	4.651167	5.203	4.9665	4.61175	4.887667	
1	Aug		3.621	3.621	2.343		3.408	
0.8	Sep							
	Oct							
	Nov							
	Dec							
		Etc mm/month						
		Water	melk	Onion	Potatoes	Sunflower	cabbage	tomatoes
	Jan	0	0	0	0	0	0	0
	Feb	0	0	0	0	0	0	0
	Mar	0	0	0	0	0	0	0
	Apr	41.55	51.9375	37.395	14.5425	45.705	37.395	
	May	90	114	90	78	108	90	
	Jun	139.8	146.79	151.45	142.13	146.79	142.13	
	Jul	118.25	139.535	156.09	148.995	69.17625	146.63	
	Aug	0	108.63	90.525	11.715	0	51.12	
ay	Sep	0	0	0	0	0	0	
	Oct	0	0	0	0	0	0	
	Nov	0	0	0	0	0	0	
	Dec	0	0	0	0	0	0	
	total	389.6	560.8925	525.46	395.3825	369.6713	467.275	

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	3.932	
						Feb	6.182	
				0.32	0.384	Mar	3.116	
1.5235	1.5235	1.108	1.408083	1.2465	1.108	Apr	12.674	
4.066667	4.066667	2.666667	3.2	2.6	2.4	May	19.586	
5.359	5.359	4.5435	5.359	3.495	3.8212	Jun	30.98	
2.1285	2.1285	5.32125	5.4395	3.5475	4.2872	Jul	23.588	
		4.26	3.408	2.982	4.3989	Aug	16.064	
			2.256	1.551	4.047	Sep	10.388	
					0.894	Oct	1.802	
						Nov	7.634	
						Dec	6.638	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.8	11.52	Mar		
45.705	45.705	11.08	42.2425	37.395	33.24	Apr	28.876	39.2635
122	122	80	96	78	72	May	70.414	94.414
160.77	160.77	136.305	160.77	104.85	114.636	Jun	108.82	115.81
63.855	63.855	159.6375	163.185	106.425	128.616	Jul	94.662	115.947
0	0	106.5	102.24	89.46	131.967	Aug		92.566
0	0	0	22.56	46.53	121.41	Sep		
0	0	0	0	0	26.82	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0		Dec		
392.33	392.33	493.5225	586.9975	467.46	640.209	Total	302.772	458.0005

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									1.684
24.721	1.8685	33.031	24.721	33.031	33.031	-1.594	29.5685	24.721	
70.414	58.414	88.414	70.414	102.414	102.414	60.414	76.414	58.414	
120.47	111.15	115.81	111.15	129.79	129.79	105.325	129.79	73.87	
132.502	125.407	45.58825	123.042	40.267	40.267	136.0495	139.597	82.837	
74.461	-4.349		35.056			90.436	86.176	73.396	
							12.172	36.142	
422.568	292.4905	282.8433	364.383	305.502	305.502	390.6305	473.7175	351.064	

Apples

20.566
52.414
83.656
105.028
115.903
111.022
25.018

513.607

Cărpinenii de Sus (Lat 46 ° 45 ' 21 " N Long 19 ° 22 ' 8 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	29.07	-1.4	5.7	85	21
Feb	26.06	1.6	6.8	81	29
Mar	26.08	6.2	9.4	73	38
Apr	37.99	11.6	10.8	66	44
May	49.85	16.5	11.2	67	49
Jun	62.28	19.6	11.1	68	53
Jul	48.31	21.3	11.9	65	58
Aug	43.15	20.8	11.9	67	59
Sep	32.49	17.2	11.6	71	53
Oct	26.04	11.8	10.6	75	48
Nov	42.39	5.7	6.8	83	26
Dec	38.5	0.9	5.3	86	19

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.483	1.14	2.292	3.6244	4.0664	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	2.8	0.41	
	3	0.77	
	3.2	1.61	
	3.2	2.85	
	2.9	3.82	
	2.7	4.42	
	2.7	4.78	
	2.4	4.04	
	2.4	2.72	
	2.4	1.49	
	2.8	0.68	
	2.8	0.4	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.894 Etc (mm/d)
	0.93 4.4454	0.95 3.838	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day					
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75							
0.85	Jan						
0.85	Feb						
0.55	Mar						
0.9	Apr	1.425	1.78125	1.2825	0.9975	1.5675	1.2825
0.8	May	2.865	3.629	2.865	2.483	3.438	2.865
0.45	Jun	4.42	4.641	4.788333	4.493667	4.641	4.493667
0.45	Jul	3.983333	4.700333	5.258	5.019	4.6605	4.939333
1	Aug		3.434	3.434	2.222		3.232
0.8	Sep		0				
	Oct						
	Nov						
	Dec						

	Etc	mm/month					
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
Jan	0	0	0	0	0	0	
Feb	0	0	0	0	0	0	
Mar	0	0	0	0	0	0	
Apr	42.75	53.4375	38.475	14.9625	47.025	38.475	
May	85.95	108.87	85.95	74.49	103.14	85.95	
Jun	132.6	139.23	143.65	134.81	139.23	134.81	
Jul	119.5	141.01	157.74	150.57	69.9075	148.18	
Aug	0	103.02	85.85	11.11	0	48.48	
Sep	0	0	0	0	0	0	
Oct	0	0	0	0	0	0	
Nov	0	0	0	0	0	0	
Dec	0	0	0	0	0	0	
ay	total	380.8	545.5675	511.665	385.9425	359.3025	455.895

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	7.442	
						Feb	5.636	
				0.4025	0.483	Mar	5.648	
1.5675	1.5675	1.14	1.44875	1.2825	1.14	Apr	12.794	
3.883667	3.883667	2.546667	3.056	2.483	2.292	May	19.91	
5.083	5.083	4.3095	5.083	3.315	3.6244	Jun	27.368	
2.151	2.151	5.3775	5.497	3.585	4.0664	Jul	18.986	
		4.04	3.232	2.828	4.4454	Aug	15.89	
			2.176	1.496	3.838	Sep	9.494	
					0.894	Oct	5.624	
						Nov	15.434	
						Dec	13.1	
						IWN	mm/month	
							Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	6.0375	14.49	Mar		
47.025	47.025	11.4	43.4625	38.475	34.2	Apr	29.956	40.6435
116.51	116.51	76.4	91.68	74.49	68.76	May	66.04	88.96
152.49	152.49	129.285	152.49	99.45	108.732	Jun	105.232	111.862
64.53	64.53	161.325	164.91	107.55	121.992	Jul	100.514	122.024
0	0	101	96.96	84.84	133.362	Aug		87.13
0	0	0	21.76	44.88	115.14	Sep		
0	0	0	0	0	26.82	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
380.555	380.555	479.41	571.2625	455.7225	623.496	Total	301.742	450.6195

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									0.3895
25.681	2.1685	34.231	25.681	34.231	34.231	-1.394	30.6685	25.681	
66.04	54.58	83.23	66.04	96.6	96.6	56.49	71.77	54.58	
116.282	107.442	111.862	107.442	125.122	125.122	101.917	125.122	72.082	
138.754	131.584	50.9215	129.194	45.544	45.544	142.339	145.924	88.564	
69.96	-4.78		32.59			85.11	81.07	68.95	
							12.266	35.386	
416.717	290.9945	280.2445	360.947	301.497	301.497	384.462	466.8205	345.6325	

Apples

21.406
48.85
81.364
103.006
117.472
105.646
21.196

498.94

Leova Sud (Lat 46 ° 28 ' 52 " N Long 28 ° 14 ' 55 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	22.39	-2.7	6.5		87 26
Feb	26.52	-0.8	6.5		85 28
Mar	21.2	4.1	8.4		79 36
Apr	35.91	11.2	10.7		69 45
May	47.83	16.8	11.2		67 54
Jun	65.9	20.1	11.2		68 59
Jul	51.43	21.7	11.4		68 62
Aug	40.56	21.2	11.8		67 66
Sep	33.42	17.2	11.6		70 59
Oct	19.24	11.2	10.3		76 51
Nov	28.28	5.3	7.2		84 28
Dec	27.3	0.2	5.9		88 23

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.396	1.128	2.454	3.9278	4.4068	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	4.1	0.39	
	4.4	0.64	
	4.1	1.32	
	4.2	2.82	
	3.7	4.09	
	3.5	4.79	
	3.3	4.92	
	3.2	4.45	
	2.9	2.95	
	3.1	1.56	
	3.6	0.71	
	3.9	0.39	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.936 Etc (mm/d)
	0.93 4.5756	0.95 4.2275	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
0.5 int + dev		0.625 int	0.45 int	0.35 int
0.75 dev + mid		0.95 dev	0.75 dev	0.65 dev
1 M		1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333 M + l		0.983333 M+l	1.1 M+l	1.05 M+l
L		0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day					
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75							
0.85 Jan							
0.85 Feb							
0.55 Mar							
0.9 Apr	1.41	1.7625	1.269	0.987	1.551	1.269	
0.8 May	3.0675	3.8855	3.0675	2.6585	3.681	3.0675	
0.45 Jun	4.79	5.0295	5.189167	4.869833	5.0295	4.869833	
0.45 Jul	4.1	4.838	5.412	5.166	4.797	5.084	
1 Aug		3.7825	3.7825	2.4475		3.56	
0.8 Sep							
Oct							
Nov							
Dec							
	Etc	mm/month					
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
Jan	0	0	0	0	0	0	
Feb	0	0	0	0	0	0	
Mar	0	0	0	0	0	0	
Apr	42.3	52.875	38.07	14.805	46.53	38.07	
May	92.025	116.565	92.025	79.755	110.43	92.025	
Jun	143.7	150.885	155.675	146.095	150.885	146.095	
Jul	123	145.14	162.36	154.98	71.955	152.52	
Aug	0	113.475	94.5625	12.2375	0	53.4	
ay Sep	0	0	0	0	0	0	
Oct	0	0	0	0	0	0	
Nov	0	0	0	0	0	0	
Dec	0	0	0	0	0	0	
total	401.025	578.94	542.6925	407.8725	379.8	482.11	

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	3.434	
						Feb	5.912	
				0.33	0.396	Mar	2.72	
1.551	1.551	1.128	1.4335	1.269	1.128	Apr	11.546	
4.158167	4.158167	2.726667	3.272	2.6585	2.454	May	18.698	
5.5085	5.5085	4.67025	5.5085	3.5925	3.9278	Jun	29.54	
2.214	2.214	5.535	5.658	3.69	4.4068	Jul	20.858	
		4.45	3.56	3.115	4.5756	Aug	14.336	
			2.36	1.6225	4.2275	Sep	10.052	
					0.936	Oct	1.544	
						Nov	6.968	
						Dec	6.38	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.95	11.88	Mar		
46.53	46.53	11.28	43.005	38.07	33.84	Apr	30.754	41.329
124.745	124.745	81.8	98.16	79.755	73.62	May	73.327	97.867
165.255	165.255	140.1075	165.255	107.775	117.834	Jun	114.16	121.345
66.42	66.42	166.05	169.74	110.7	132.204	Jul	102.142	124.282
0	0	111.25	106.8	93.45	137.268	Aug		99.139
0	0	0	23.6	48.675	126.825	Sep		
0	0	0	0	0	28.08	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
402.95	402.95	510.4875	606.56	483.375	661.551	Total	320.383	483.962

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

								2.23
26.524	3.259	34.984	26.524	34.984	34.984	-0.266	31.459	26.524
73.327	61.057	91.732	73.327	106.047	106.047	63.102	79.462	61.057
126.135	116.555	121.345	116.555	135.715	135.715	110.5675	135.715	78.235
141.502	134.122	51.097	131.662	45.562	45.562	145.192	148.882	89.842
80.2265	-2.0985		39.064			96.914	92.464	79.114
							13.548	38.623
447.7145	312.8945	299.158	387.132	322.308	322.308	415.5095	501.53	375.625

Apples

22.294
54.922
88.294
111.346
122.932
116.773
26.536

543.097

Chitcani-Zîrnești (Lat 46 ° 02 ' 22 " N Long 28 ° 10 ' 24 " E)

	P50 (Mm/month)	Temp (mea (DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	22.3	-2.6	6.6	87	27
Feb	27.16	-0.8	6.5	86	28
Mar	21.6	4	8.5	79	36
Apr	35.3	10.8	10.7	71	46
May	47.52	16.4	11.1	69	54
Jun	64.51	19.8	11.3	69	59
Jul	46.41	21.5	11.5	68	63
Aug	38.84	21.1	11.8	68	66
Sep	32.52	17.1	11.6	71	60
Oct	19.41	11.2	10.4	76	53
Nov	28.32	5.2	7.4	85	29
Dec	28.22	0.2	6	88	23

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.402	1.096	2.388	3.8868	4.3608	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
	4.5	0.41
	4.8	0.63
	4.5	1.34
	4.6	2.74
	4	3.98
	3.8	4.74
	3.6	4.99
	3.4	4.45
	3.3	3.02
	3.5	1.65
	3.9	0.71
	4.4	0.42

Int + dev
dev
Mid
mid + late

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	
	0.93	0.95	0.6 kc
	4.6407	4.2275	0.99 Etc (mm/day)

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day					
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75							
0.85	Jan						
0.85	Feb						
0.55	Mar						
0.9	Apr	1.37	1.7125	1.233	0.959	1.507	1.233
0.8	May	2.985	3.781	2.985	2.587	3.582	2.985
0.45	Jun	4.74	4.977	5.135	4.819	4.977	4.819
0.45	Jul	4.158333	4.906833	5.489	5.2395	4.86525	5.156333
1	Aug		3.7825	3.7825	2.4475		3.56
0.8	Sep		0				
	Oct		0				
	Nov						
	Dec						

	Etc	mm/month				
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes
Jan	0	0	0	0	0	0
Feb	0	0	0	0	0	0
Mar	0	0	0	0	0	0
Apr	41.1	51.375	36.99	14.385	45.21	36.99
May	89.55	113.43	89.55	77.61	107.46	89.55
Jun	142.2	149.31	154.05	144.57	149.31	144.57
Jul	124.75	147.205	164.67	157.185	72.97875	154.69
Aug	0	113.475	94.5625	12.2375	0	53.4
Sep	0	0	0	0	0	0
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec	0	0	0	0	0	0
total	397.6	574.795	539.8225	405.9875	374.9588	479.2

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	3.38	
						Feb	6.296	
				0.335	0.402	Mar	2.96	
1.507	1.507	1.096	1.392833333	1.233	1.096	Apr	11.18	
4.046333	4.046333	2.653333	3.184	2.587	2.388	May	18.512	
5.451	5.451	4.6215	5.451	3.555	3.8868	Jun	28.706	
2.2455	2.2455	5.61375	5.7385	3.7425	4.3608	Jul	17.846	
		4.45	3.56	3.115	4.6407	Aug	13.304	
			2.416	1.661	4.2275	Sep	9.512	
					0.99	Oct	1.646	
						Nov	6.992	
						Dec	6.932	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	5.025	12.06	Mar		
45.21	45.21	10.96	41.785	36.99	32.88	Apr	29.92	40.195
121.39	121.39	79.6	95.52	77.61	71.64	May	71.038	94.918
163.53	163.53	138.645	163.53	106.65	116.604	Jun	113.494	120.604
67.365	67.365	168.4125	172.155	112.275	130.824	Jul	106.904	129.359
0	0	111.25	106.8	93.45	139.221	Aug		100.171
0	0	0	24.16	49.83	126.825	Sep		
0	0	0	0	0	29.7	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
397.495	397.495	508.8675	603.95	481.83	659.754	Total	321.356	485.247

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									2.065
25.81	3.205	34.03	25.81	34.03	34.03	-0.22	30.605	25.81	
71.038	59.098	88.948	71.038	102.878	102.878	61.088	77.008	59.098	
125.344	115.864	120.604	115.864	134.824	134.824	109.939	134.824	77.944	
146.824	139.339	55.13275	136.844	49.519	49.519	150.5665	154.309	94.429	
81.2585	-1.0665		40.096			97.946	93.496	80.146	
							14.648	40.318	
450.2745	316.4395	298.7148	389.652	321.251	321.251	419.3195	504.89	379.81	

Apples

21.7
53.128
87.898
112.978
125.917
117.313
28.054

546.988

Masivul Cahul (Lat 45 ° 54 ' 12 " N Long 28 ° 11 ' 47 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	22.18	-2.5	6.6	87	27
Feb	27.26	-0.7	6.5	85	29
Mar	21.6	4.1	8.5	79	37
Apr	34.74	10.8	10.6	71	46
May	46.66	16.4	11.1	69	54
Jun	63.38	19.9	11.3	69	60
Jul	43.97	21.6	11.6	68	63
Aug	37.87	21.2	11.8	68	67
Sep	31.84	17.2	11.6	71	60
Oct	19.41	11.2	10.4	76	53
Nov	28.42	5.4	7.5	85	29
Dec	28.41	0.3	6	88	23

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons		25	35	40	20	120
Onion		15	25	70	40	150
Potatoes		30	35	50	30	145
Sunflower		20	35	45	25	125
cabbage		20	25	60	15	120
tomatoes		30	40	40	25	135
Barley		15	25	50	30	120
Wheat		15	25	50	30	120
Maize		20	35	40	30	125
Sugarbeet		25	35	60	40	160
Grapes		20	40	120	60	240

	March	April	May	June	July	
Apple		0.3	0.4	0.6	0.82	0.92
		0.405	1.1	2.394	3.936	4.416

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
4.7	0.42	
5	0.66	
4.6	1.35	
4.7	2.75	
4.1	3.99	
3.9	4.8	
3.7	5.03	
3.5	4.51	
3.4	3.05	
3.6	1.67	
4	0.72	
4.5	0.43	

Int + dev
dev
Mid
mid + late

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 1.002 Etc (mm/d)
	0.93 4.6779	0.95 4.2845	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day					
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75							
0.85	Jan						
0.85	Feb						
0.55	Mar						
0.9	Apr	1.375	1.71875	1.2375	0.9625	1.5125	1.2375
0.8	May	2.9925	3.7905	2.9925	2.5935	3.591	2.9925
0.45	Jun	4.8	5.04	5.2	4.88	5.04	4.88
0.45	Jul	4.191667	4.946167	5.533	5.2815	4.90425	5.197667
1	Aug		3.8335	3.8335	2.4805		3.608
0.8	Sep		0				
	Oct						
	Nov						
	Dec						

	Etc	mm/month				
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes
Jan	0	0	0	0	0	0
Feb	0	0	0	0	0	0
Mar	0	0	0	0	0	0
Apr	41.25	51.5625	37.125	14.4375	45.375	37.125
May	89.775	113.715	89.775	77.805	107.73	89.775
Jun	144	151.2	156	146.4	151.2	146.4
Jul	125.75	148.385	165.99	158.445	73.56375	155.93
Aug	0	115.005	95.8375	12.4025	0	54.12
Sep	0	0	0	0	0	0
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec	0	0	0	0	0	0
total	400.775	579.8675	544.7275	409.49	377.8688	483.35

ay

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	3.308	
						Feb	6.356	
				0.3375	0.405	Mar	2.96	
1.5125	1.5125	1.1	1.397917	1.2375	1.1	Apr	10.844	
4.0565	4.0565	2.66	3.192	2.5935	2.394	May	17.996	
5.52	5.52	4.68	5.52	3.6	3.936	Jun	28.028	
2.2635	2.2635	5.65875	5.7845	3.7725	4.416	Jul	16.382	
		4.51	3.608	3.157	4.6779	Aug	12.722	
			2.44	1.6775	4.2845	Sep	9.104	
					1.002	Oct	1.646	
						Nov	7.052	
						Dec	7.046	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	5.0625	12.15	Mar		
45.375	45.375	11	41.9375	37.125	33	Apr	30.406	40.7185
121.695	121.695	79.8	95.76	77.805	71.82	May	71.779	95.719
165.6	165.6	140.4	165.6	108	118.08	Jun	115.972	123.172
67.905	67.905	169.7625	173.535	113.175	132.48	Jul	109.368	132.003
0	0	112.75	108.24	94.71	140.337	Aug		102.283
0	0	0	24.4	50.325	128.535	Sep		
0	0	0	0	0	30.06	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
400.575	400.575	513.7125	609.4725	486.2025	666.462	Total	327.525	493.8955

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									2.1025
26.281	3.5935	34.531	26.281	34.531	34.531	0.156	31.0935	26.281	
71.779	59.809	89.734	71.779	103.699	103.699	61.804	77.764	59.809	
127.972	118.372	123.172	118.372	137.572	137.572	112.372	137.572	79.972	
149.608	142.063	57.18175	139.548	51.523	51.523	153.3805	157.153	96.793	
83.1155	-0.3195		41.398			100.028	95.518	81.988	
							15.296	41.221	
458.7555	323.518	304.6188	397.378	327.325	327.325	427.7405	514.3965	388.1665	

Apples

22.156
53.824
90.052
116.098
127.615
119.431
28.414

557.59

Jora de Jos (Lat 47 ° 27 ' 56 " N Long 29 ° 06 ' 37 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	29.08	-3.4	6	86	27
Feb	30.75	-1.9	5.9	85	28
Mar	24.92	2.9	7.5	77	34
Apr	35.5	10.6	10.1	65	45
May	46.2	16.5	10.8	62	54
Jun	64.67	19.7	10.7	64	58
Jul	61.52	21.1	10.4	65	61
Aug	42.42	20.8	11	63	65
Sep	34.26	16.6	10.9	66	59
Oct	21.12	10.5	9.3	74	49
Nov	32.03	4.4	6.3	84	26
Dec	33.33	-0.3	5.4	87	22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons		25	35	40	20	120
Onion		15	25	70	40	150
Potatoes		30	35	50	30	145
Sunflower		20	35	45	25	125
cabbage		20	25	60	15	120
tomatoes		30	40	40	25	135
Barley		15	25	50	30	120
Wheat		15	25	50	30	120
Maize		20	35	40	30	125
Sugarbeet		25	35	60	40	160
Grapes		20	40	120	60	240

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.378	1.14	2.538	3.9688	4.4528	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
	3.8	0.38
	3.9	0.57
	3.8	1.26
	3.7	2.85
	3.4	4.23
	3.2	4.84
	3.1	4.89
	3.1	4.51
	2.7	2.96
	2.8	1.49
	3.6	0.66
	3.7	0.39

Int + dev
dev
Mid
mid + late

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.894 Etc (mm/day)
	0.93 4.5477	0.95 4.2845	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day					
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75							
0.85	Jan						
0.85	Feb						
0.55	Mar						
0.9	Apr	1.425	1.78125	1.2825	0.9975	1.5675	1.2825
0.8	May	3.1725	4.0185	3.1725	2.7495	3.807	3.1725
0.45	Jun	4.84	5.082	5.243333	4.920667	5.082	4.920667
0.45	Jul	4.075	4.8085	5.379	5.1345	4.76775	5.053
1	Aug		3.8335	3.8335	2.4805		3.608
0.8	Sep		0				
	Oct						
	Nov						
	Dec						
		Etc mm/month					
		Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes
	Jan	0	0	0	0	0	0
	Feb	0	0	0	0	0	0
	Mar	0	0	0	0	0	0
	Apr	42.75	53.4375	38.475	14.9625	47.025	38.475
	May	95.175	120.555	95.175	82.485	114.21	95.175
	Jun	145.2	152.46	157.3	147.62	152.46	147.62
	Jul	122.25	144.255	161.37	154.035	71.51625	151.59
	Aug	0	115.005	95.8375	12.4025	0	54.12
ay	Sep	0	0	0	0	0	0
	Oct	0	0	0	0	0	0
	Nov	0	0	0	0	0	0
	Dec	0	0	0	0	0	0
	total	405.375	585.7125	548.1575	411.505	385.2113	486.98

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	7.448	
						Feb	8.45	
				0.315	0.378	Mar	4.952	
1.5675	1.5675	1.14	1.44875	1.2825	1.14	Apr	11.3	
4.3005	4.3005	2.82	3.384	2.7495	2.538	May	17.72	
5.566	5.566	4.719	5.566	3.63	3.9688	Jun	28.802	
2.2005	2.2005	5.50125	5.6235	3.6675	4.4528	Jul	26.912	
		4.51	3.608	3.157	4.5477	Aug	15.452	
			2.368	1.628	4.2845	Sep	10.556	
					0.894	Oct	2.672	
						Nov	9.218	
						Dec	9.998	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.725	11.34	Mar		
47.025	47.025	11.4	43.4625	38.475	34.2	Apr	31.45	42.1375
129.015	129.015	84.6	101.52	82.485	76.14	May	77.455	102.835
166.98	166.98	141.57	166.98	108.9	119.064	Jun	116.398	123.658
66.015	66.015	165.0375	168.705	110.025	133.584	Jul	95.338	117.343
0	0	112.75	108.24	94.71	136.431	Aug		99.553
0	0	0	23.68	48.84	128.535	Sep		
0	0	0	0	0	26.82	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
409.035	409.035	515.3575	612.5875	488.16	666.114	Total	320.641	485.5265

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									-0.227
27.175	3.6625	35.725	27.175	35.725	35.725	0.1	32.1625	27.175	
77.455	64.765	96.49	77.455	111.295	111.295	66.88	83.8	64.765	
128.498	118.818	123.658	118.818	138.178	138.178	112.768	138.178	80.098	
134.458	127.123	44.60425	124.678	39.103	39.103	138.1255	141.793	83.113	
80.3855	-3.0495		38.668			97.298	92.788	79.258	
							13.124	38.284	
447.9715	311.319	300.4773	386.794	324.301	324.301	415.1715	501.8455	372.466	

Apples

22.9
58.42
90.262
106.672
120.979
117.979
24.148

541.36

Lopatna (Lat 47 ° 29 ' 49 " N Long 29 ° 02 ' 53 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	29.08	-3.4	6		86 27
Feb	30.75	-1.9	5.9		85 28
Mar	24.92	2.9	7.5		77 34
Apr	35.5	10.6	10.1		65 45
May	46.2	16.5	10.8		62 54
Jun	64.67	19.7	10.7		64 58
Jul	61.52	21.1	10.4		65 61
Aug	42.42	20.8	11		63 65
Sep	34.26	16.6	10.9		66 59
Oct	21.12	10.5	9.3		74 49
Nov	32.03	4.4	6.3		84 26
Dec	33.33	-0.3	5.4		87 22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons		25	35	40	20	120
Onion		15	25	70	40	150
Potatoes		30	35	50	30	145
Sunflower		20	35	45	25	125
cabbage		20	25	60	15	120
tomatoes		30	40	40	25	135
Barley		15	25	50	30	120
Wheat		15	25	50	30	120
Maize		20	35	40	30	125
Sugarbeet		25	35	60	40	160
Grapes		20	40	120	60	240

	March	April	May	June	July	
Apple		0.3	0.4	0.6	0.82	0.92
		0.378	1.14	2.538	3.9688	4.4528

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	3.8	0.38	
	3.9	0.57	
	3.8	1.26	
	3.7	2.85	
	3.4	4.23	
	3.2	4.84	
	3.1	4.89	
	3.1	4.51	
	2.7	2.96	
	2.8	1.49	
	3.6	0.66	
	3.7	0.39	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.894 Etc (mm/d)
	0.93 4.5477	0.95 4.2845	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day						
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes		
0.75								
0.85	Jan							
0.85	Feb							
0.55	Mar							
0.9	Apr	1.425	1.78125	1.2825	0.9975	1.5675	1.2825	
0.8	May	3.1725	4.0185	3.1725	2.7495	3.807	3.1725	
0.45	Jun	4.84	5.082	5.243333	4.920667	5.082	4.920667	
0.45	Jul	4.075	4.8085	5.379	5.1345	4.76775	5.053	
1	Aug		3.8335	3.8335	2.4805		3.608	
0.8	Sep							
	Oct							
	Nov							
	Dec							
		Etc	mm/month					
		Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
	Jan	0	0	0	0	0	0	
	Feb	0	0	0	0	0	0	
	Mar	0	0	0	0	0	0	
	Apr	42.75	53.4375	38.475	14.9625	47.025	38.475	
	May	95.175	120.555	95.175	82.485	114.21	95.175	
	Jun	145.2	152.46	157.3	147.62	152.46	147.62	
	Jul	122.25	144.255	161.37	154.035	71.51625	151.59	
	Aug	0	115.005	95.8375	12.4025	0	54.12	
ay	Sep	0	0	0	0	0	0	
	Oct	0	0	0	0	0	0	
	Nov	0	0	0	0	0	0	
	Dec	0	0	0	0	0	0	
	total	405.375	585.7125	548.1575	411.505	385.2113	486.98	

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	7.448	
						Feb	8.45	
				0.315	0.378	Mar	4.952	
1.5675	1.5675	1.14	1.44875	1.2825	1.14	Apr	11.3	
4.3005	4.3005	2.82	3.384	2.7495	2.538	May	17.72	
5.566	5.566	4.719	5.566	3.63	3.9688	Jun	28.802	
2.2005	2.2005	5.50125	5.6235	3.6675	4.4528	Jul	26.912	
		4.51	3.608	3.157	4.5477	Aug	15.452	
			2.368	1.628	4.2845	Sep	10.556	
					0.894	Oct	2.672	
						Nov	9.218	
						Dec	9.998	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.725	11.34	Mar		
47.025	47.025	11.4	43.4625	38.475	34.2	Apr	31.45	42.1375
129.015	129.015	84.6	101.52	82.485	76.14	May	77.455	102.835
166.98	166.98	141.57	166.98	108.9	119.064	Jun	116.398	123.658
66.015	66.015	165.0375	168.705	110.025	133.584	Jul	95.338	117.343
0	0	112.75	108.24	94.71	136.431	Aug		99.553
0	0	0	23.68	48.84	128.535	Sep		
0	0	0	0	0	26.82	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
409.035	409.035	515.3575	612.5875	488.16	666.114	Total	320.641	485.5265

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									-0.227
27.175	3.6625	35.725	27.175	35.725	35.725	0.1	32.1625	27.175	
77.455	64.765	96.49	77.455	111.295	111.295	66.88	83.8	64.765	
128.498	118.818	123.658	118.818	138.178	138.178	112.768	138.178	80.098	
134.458	127.123	44.60425	124.678	39.103	39.103	138.1255	141.793	83.113	
80.3855	-3.0495		38.668			97.298	92.788	79.258	
							13.124	38.284	

447.9715 311.319 300.4773 386.794 324.301 324.301 415.1715 501.8455 372.466

Apples

22.9
58.42
90.262
106.672
120.979
117.979
24.148

541.36

Coşnița (Lat 47 ° 08 ' 21 " N Long 29 ° 07 ' 22 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	27.73	-2.9	6	86	27
Feb	29.82	-1.3	5.8	85	28
Mar	23.75	3.4	7.5	77	34
Apr	34.18	11	9.9	64	46
May	44.98	16.8	10.5	62	55
Jun	64.38	20.1	10.5	63	60
Jul	58.4	21.6	10.2	64	63
Aug	39.97	21.2	10.8	62	67
Sep	34.31	17	10.8	65	60
Oct	20.45	10.9	9.3	73	51
Nov	30.9	4.9	6.4	83	26
Dec	31.81	0.1	5.4	86	22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.39	1.18	2.568	4.0918	4.5908	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	3.7	0.39	
	3.9	0.6	
	3.8	1.3	
	3.7	2.95	
	3.4	4.28	
	3.2	4.99	
	3.1	5.06	
	3.2	4.69	
	2.7	3.06	
	2.8	1.56	
	3.5	0.71	
	3.7	0.42	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.936 Etc (mm/d)
	0.93 4.7058	0.95 4.4555	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
0.5 int + dev		0.625 int	0.45 int	0.35 int
0.75 dev + mid		0.95 dev	0.75 dev	0.65 dev
1 M		1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333 M + l		0.983333 M+l	1.1 M+l	1.05 M+l
L		0.85 L	0.85 L	0.55 L

Late season stage	Etc mm/day						
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75							
0.85 Jan							
0.85 Feb							
0.55 Mar							
0.9 Apr	1.475	1.84375	1.3275	1.0325	1.6225	1.3275	
0.8 May	3.21	4.066	3.21	2.782	3.852	3.21	
0.45 Jun	4.99	5.2395	5.405833	5.073167	5.2395	5.073167	
0.45 Jul	4.216667	4.975667	5.566	5.313	4.9335	5.228667	
1 Aug		3.9865	3.9865	2.5795		3.752	
0.8 Sep							
Oct							
Nov							
Dec							
		Etc mm/month					
		Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes
Jan		0	0	0	0	0	0
Feb		0	0	0	0	0	0
Mar		0	0	0	0	0	0
Apr		44.25	55.3125	39.825	15.4875	48.675	39.825
May		96.3	121.98	96.3	83.46	115.56	96.3
Jun		149.7	157.185	162.175	152.195	157.185	152.195
Jul		126.5	149.27	166.98	159.39	74.0025	156.86
Aug		0	119.595	99.6625	12.8975	0	56.28
ay Sep		0	0	0	0	0	0
Oct		0	0	0	0	0	0
Nov		0	0	0	0	0	0
Dec		0	0	0	0	0	0
total		416.75	603.3425	564.9425	423.43	395.4225	501.46

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	6.638	
						Feb	7.892	
				0.325	0.39	Mar	4.25	
1.6225	1.6225	1.18	1.499583	1.3275	1.18	Apr	10.508	
4.351333	4.351333	2.853333	3.424	2.782	2.568	May	16.988	
5.7385	5.7385	4.86525	5.7385	3.7425	4.0918	Jun	28.628	
2.277	2.277	5.6925	5.819	3.795	4.5908	Jul	25.04	
		4.69	3.752	3.283	4.7058	Aug	13.982	
			2.448	1.683	4.4555	Sep	10.586	
					0.936	Oct	2.27	
						Nov	8.54	
						Dec	9.086	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.875	11.7	Mar		
48.675	48.675	11.8	44.9875	39.825	35.4	Apr	33.742	44.8045
130.54	130.54	85.6	102.72	83.46	77.04	May	79.312	104.992
172.155	172.155	145.9575	172.155	112.275	122.754	Jun	121.072	128.557
68.31	68.31	170.775	174.57	113.85	137.724	Jul	101.46	124.23
0	0	117.25	112.56	98.49	141.174	Aug		105.613
0	0	0	24.48	50.49	133.665	Sep		
0	0	0	0	0	28.08	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
419.68	419.68	531.3825	631.4725	503.265	687.537	Total	335.586	508.1965

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

								0.625
29.317	4.9795	38.167	29.317	38.167	38.167	1.292	34.4795	29.317
79.312	66.472	98.572	79.312	113.552	113.552	68.612	85.732	66.472
133.547	123.567	128.557	123.567	143.527	143.527	117.3295	143.527	83.647
141.94	134.35	48.9625	131.82	43.27	43.27	145.735	149.53	88.81
85.6805	-1.0845		42.298			103.268	98.578	84.508
							13.894	39.904
469.7965	328.284	314.2585	406.314	338.516	338.516	436.2365	525.7405	393.283

Apples

24.892
60.052
94.126
112.684
127.192
123.079
25.81

567.835

Criuleni (Lat 47 ° 12 ' 58 " N Long 29 ° 09 ' 28 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	27.94	-3	6	86	27
Feb	29.69	-1.5	5.8	85	28
Mar	23.74	3.2	7.3	77	34
Apr	33.39	10.8	9.8	65	46
May	44.38	16.7	10.3	63	55
Jun	63.32	20	10.3	64	60
Jul	59.26	21.5	10	65	63
Aug	39.13	21.1	10.6	62	67
Sep	33.88	16.9	10.6	65	60
Oct	20.45	10.8	9.1	73	50
Nov	30.61	4.7	6.3	83	26
Dec	32.01	0	5.4	86	22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.387	1.156	2.544	4.0344	4.5264	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	3.8	0.39	
	4	0.59	
	3.9	1.29	
	3.8	2.89	
	3.5	4.24	
	3.2	4.92	
	3.1	4.99	
	3.2	4.67	
	2.8	3.07	
	2.9	1.57	
	3.6	0.71	
	3.8	0.43	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.942 Etc (mm/d)
	0.93 4.6407	0.95 4.4365	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc mm/day							
	Water	meik	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75								
0.85	Jan							
0.85	Feb							
0.55	Mar							
0.9	Apr	1.445	1.80625	1.3005	1.0115	1.5895	1.3005	
0.8	May	3.18	4.028	3.18	2.756	3.816	3.18	
0.45	Jun	4.92	5.166	5.33	5.002	5.166	5.002	
0.45	Jul	4.158333	4.906833	5.489	5.2395	4.86525	5.156333	
1	Aug		3.9695	3.9695	2.5685		3.736	
0.8	Sep		0					
	Oct		0					
	Nov							
	Dec							
		Etc mm/month						
		Water	meik	Onion	Potatoes	Sunflower	cabbage	tomatoes
	Jan	0	0	0	0	0	0	0
	Feb	0	0	0	0	0	0	0
	Mar	0	0	0	0	0	0	0
	Apr	43.35	54.1875	39.015	15.1725	47.685	39.015	
	May	95.4	120.84	95.4	82.68	114.48	95.4	
	Jun	147.6	154.98	159.9	150.06	154.98	150.06	
	Jul	124.75	147.205	164.67	157.185	72.97875	154.69	
	Aug	0	119.085	99.2375	12.8425	0	56.04	
ay	Sep	0	0	0	0	0	0	
	Oct	0	0	0	0	0	0	
	Nov	0	0	0	0	0	0	
	Dec	0	0	0	0	0	0	
	total	411.1	596.2975	558.2225	417.94	390.1238	495.205	

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	6.764	
						Feb	7.814	
				0.3225	0.387	Mar	4.244	
1.5895	1.5895	1.156	1.469083	1.3005	1.156	Apr	10.034	
4.310667	4.310667	2.826667	3.392	2.756	2.544	May	16.628	
5.658	5.658	4.797	5.658	3.69	4.0344	Jun	27.992	
2.2455	2.2455	5.61375	5.7385	3.7425	4.5264	Jul	25.556	
		4.67	3.736	3.269	4.6407	Aug	13.478	
			2.456	1.6885	4.4365	Sep	10.328	
					0.942	Oct	2.27	
						Nov	8.366	
						Dec	9.206	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.8375	11.61	Mar		
47.685	47.685	11.56	44.0725	39.015	34.68	Apr	33.316	44.1535
129.32	129.32	84.8	101.76	82.68	76.32	May	78.772	104.212
169.74	169.74	143.91	169.74	110.7	121.032	Jun	119.608	126.988
67.365	67.365	168.4125	172.155	112.275	135.792	Jul	99.194	121.649
0	0	116.75	112.08	98.07	139.221	Aug		105.607
0	0	0	24.56	50.655	133.095	Sep		
0	0	0	0	0	28.26	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
414.11	414.11	525.4325	624.3675	498.2325	680.01	Total	330.89	502.6095

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									0.5935
28.981	5.1385	37.651	28.981	37.651	37.651	1.526	34.0385	28.981	
78.772	66.052	97.852	78.772	112.692	112.692	68.172	85.132	66.052	
131.908	122.068	126.988	122.068	141.748	141.748	115.918	141.748	82.708	
139.114	131.629	47.42275	129.134	41.809	41.809	142.8565	146.599	86.719	
85.7595	-0.6355		42.562			103.272	98.602	84.592	
							14.232	40.327	

464.5345 324.252 309.9138 401.517 333.9 333.9 431.7445 520.3515 389.9725

Apples

24.646
59.692
93.04
110.236
125.743
122.767
25.99

562.114

Şerpeni (Lat 47 ° 01 ' 29 " N Long 29 ° 20 ' 28 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	27.6	-2.9	5.9	86	27
Feb	29.16	-1.4	5.7	84	28
Mar	23.15	3.2	7.1	78	34
Apr	31.88	10.7	9.4	67	46
May	43.24	16.6	9.9	64	55
Jun	61.93	20	10	65	60
Jul	58.51	21.5	9.7	65	63
Aug	36.93	21.1	10.3	63	67
Sep	33.38	16.9	10.2	66	61
Oct	20.15	10.7	8.8	73	50
Nov	29.74	4.8	6.2	83	26
Dec	31.72	0.1	5.4	86	22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.381	1.12	2.514	4.0098	4.4988	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	4.1	0.4	
	4.2	0.63	
	4.1	1.27	
	3.9	2.8	
	3.6	4.19	
	3.3	4.89	
	3.2	5.01	
	3.4	4.68	
	3	3.1	
	3.1	1.61	
	3.8	0.73	
	4	0.44	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.966 Etc (mm/d)
	0.93 4.6593	0.95 4.446	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
0.5 int + dev		0.625 int	0.45 int	0.35 int
0.75 dev + mid		0.95 dev	0.75 dev	0.65 dev
1 M		1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333 M + l		0.983333 M+l	1.1 M+l	1.05 M+l
L		0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day					
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
0.75							
0.85 Jan							
0.85 Feb							
0.55 Mar							
0.9 Apr	1.4	1.75	1.26	0.98	1.54	1.26	
0.8 May	3.1425	3.9805	3.1425	2.7235	3.771	3.1425	
0.45 Jun	4.89	5.1345	5.2975	4.9715	5.1345	4.9715	
0.45 Jul	4.175	4.9265	5.511	5.2605	4.88475	5.177	
1 Aug		3.978	3.978	2.574		3.744	
0.8 Sep		0					
Oct		0					
Nov							
Dec							
	Etc	mm/month					
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
Jan	0	0	0	0	0	0	
Feb	0	0	0	0	0	0	
Mar	0	0	0	0	0	0	
Apr	42	52.5	37.8	14.7	46.2	37.8	
May	94.275	119.415	94.275	81.705	113.13	94.275	
Jun	146.7	154.035	158.925	149.145	154.035	149.145	
Jul	125.25	147.795	165.33	157.815	73.27125	155.31	
Aug	0	119.34	99.45	12.87	0	56.16	
Sep	0	0	0	0	0	0	
Oct	0	0	0	0	0	0	
Nov	0	0	0	0	0	0	
Dec	0	0	0	0	0	0	
ay	total	408.225	593.085	555.78	416.235	386.6363	492.69

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	6.56	
						Feb	7.496	
				0.3175	0.381	Mar	3.89	
1.54	1.54	1.12	1.423333	1.26	1.12	Apr	9.128	
4.259833	4.259833	2.793333	3.352	2.7235	2.514	May	15.944	
5.6235	5.6235	4.76775	5.6235	3.6675	4.0098	Jun	27.158	
2.2545	2.2545	5.63625	5.7615	3.7575	4.4988	Jul	25.106	
		4.68	3.744	3.276	4.6593	Aug	12.158	
			2.48	1.705	4.446	Sep	10.028	
					0.966	Oct	2.09	
						Nov	7.844	
						Dec	9.032	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.7625	11.43	Mar		
46.2	46.2	11.2	42.7	37.8	33.6	Apr	32.872	43.372
127.795	127.795	83.8	100.56	81.705	75.42	May	78.331	103.471
168.705	168.705	143.0325	168.705	110.025	120.294	Jun	119.542	126.877
67.635	67.635	169.0875	172.845	112.725	134.964	Jul	100.144	122.689
0	0	117	112.32	98.28	139.779	Aug		107.182
0	0	0	24.8	51.15	133.38	Sep		
0	0	0	0	0	28.98	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
410.335	410.335	524.12	621.93	496.4475	677.847	Total	330.889	503.591

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

								0.8725
28.672	5.572	37.072	28.672	37.072	37.072	2.072	33.572	28.672
78.331	65.761	97.186	78.331	111.851	111.851	67.856	84.616	65.761
131.767	121.987	126.877	121.987	141.547	141.547	115.8745	141.547	82.867
140.224	132.709	48.16525	130.204	42.529	42.529	143.9815	147.739	87.619
87.292	0.712		44.002			104.842	100.162	86.122
							14.772	41.122
466.286	326.741	309.3003	403.196	332.999	332.999	434.626	522.408	393.0355

Apples

24.472

59.476

93.136

109.858

127.621

123.352

26.89

564.805

Pugăcenii (Lat 47 ° 04 ' 56 " N Long 29 ° 20 ' 01 " E)

	P50 (Mm/month)	Temp (mea(DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	28.07	-3.1	5.9	86	27
Feb	29.49	-1.6	5.7	84	28
Mar	23.48	3.1	7.2	77	34
Apr	32.42	10.7	9.6	66	45
May	43.51	16.6	10.2	63	55
Jun	61.96	20	10.2	65	59
Jul	59.81	21.4	9.8	65	63
Aug	38	21.1	10.5	63	67
Sep	33.46	16.8	10.4	66	60
Oct	20.36	10.7	8.9	73	50
Nov	30.36	4.7	6.2	83	26
Dec	32.02	0	5.4	86	22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.387	1.128	2.532	3.9934	4.4804	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	4	0.39	
	4.1	0.61	
	4	1.29	
	3.8	2.82	
	3.5	4.22	
	3.3	4.87	
	3.2	4.99	
	3.3	4.65	
	2.9	3.05	
	3	1.58	
	3.7	0.72	
	3.9	0.43	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.948 Etc (mm/d)
	0.93 4.6407	0.95 4.4175	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + I	0.983333 M+I	1.1 M+I	1.05 M+I
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day						
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes		
0.75								
0.85	Jan							
0.85	Feb							
0.55	Mar							
0.9	Apr	1.41	1.7625	1.269	0.987	1.551	1.269	
0.8	May	3.165	4.009	3.165	2.743	3.798	3.165	
0.45	Jun	4.87	5.1135	5.275833	4.951167	5.1135	4.951167	
0.45	Jul	4.158333	4.906833	5.489	5.2395	4.86525	5.156333	
1	Aug		3.9525	3.9525	2.5575		3.72	
0.8	Sep							
	Oct							
	Nov							
	Dec							
		Etc	mm/month					
		Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
	Jan	0	0	0	0	0	0	
	Feb	0	0	0	0	0	0	
	Mar	0	0	0	0	0	0	
	Apr	42.3	52.875	38.07	14.805	46.53	38.07	
	May	94.95	120.27	94.95	82.29	113.94	94.95	
	Jun	146.1	153.405	158.275	148.535	153.405	148.535	
	Jul	124.75	147.205	164.67	157.185	72.97875	154.69	
	Aug	0	118.575	98.8125	12.7875	0	55.8	
ay	Sep	0	0	0	0	0	0	
	Oct	0	0	0	0	0	0	
	Nov	0	0	0	0	0	0	
	Dec	0	0	0	0	0	0	
	total	408.1	592.33	554.7775	415.6025	386.8538	492.045	

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	6.842	
						Feb	7.694	
				0.3225	0.387	Mar	4.088	
1.551	1.551	1.128	1.4335	1.269	1.128	Apr	9.452	
4.290333	4.290333	2.813333	3.376	2.743	2.532	May	16.106	
5.6005	5.6005	4.74825	5.6005	3.6525	3.9934	Jun	27.176	
2.2455	2.2455	5.61375	5.7385	3.7425	4.4804	Jul	25.886	
		4.65	3.72	3.255	4.6407	Aug	12.8	
			2.44	1.6775	4.4175	Sep	10.076	
					0.948	Oct	2.216	
						Nov	8.216	
						Dec	9.212	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.8375	11.61	Mar		
46.53	46.53	11.28	43.005	38.07	33.84	Apr	32.848	43.423
128.71	128.71	84.4	101.28	82.29	75.96	May	78.844	104.164
168.015	168.015	142.4475	168.015	109.575	119.802	Jun	118.924	126.229
67.365	67.365	168.4125	172.155	112.275	134.412	Jul	98.864	121.319
0	0	116.25	111.6	97.65	139.221	Aug		105.775
0	0	0	24.4	50.325	132.525	Sep		
0	0	0	0	0	28.44	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0	0	Dec		
410.62	410.62	522.79	620.455	495.0225	675.81	Total	329.48	500.91

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									0.7495
28.618	5.353	37.078	28.618	37.078	37.078	1.828	33.553	28.618	
78.844	66.184	97.834	78.844	112.604	112.604	68.294	85.174	66.184	
131.099	121.359	126.229	121.359	140.839	140.839	115.2715	140.839	82.399	
138.784	131.299	47.09275	128.804	41.479	41.479	142.5265	146.269	86.389	
86.0125	-0.0125		43			103.45	98.8	84.85	
							14.324	40.249	
463.3575	324.1825	308.2338	400.625	332	332	431.37	518.959	389.4385	

Apples

24.388
59.854
92.626
108.526
126.421
122.449
26.224

560.488

Masivul Talmaza (Lat 46 ° 38 ' 28 " N Long 29 ° 40 ' 11 " E)

	P50 (Mm/month)	Temp (mea (DTR) (deg. C)	Ref Humid (deg. C)	(%)	Sunshine (% of Hrs)
Jan	27.92	-2.8	5.7	85	27
Feb	28.76	-1.4	5.4	84	28
Mar	22.61	3	6.4	79	34
Apr	29.48	10.2	8.3	70	45
May	41.39	16.1	8.8	68	56
Jun	58.33	19.7	9	67	61
Jul	56.13	21.4	9	67	64
Aug	33.09	21	9.4	65	68
Sep	32.28	16.6	9.3	68	61
Oct	19.83	10.5	8	75	50
Nov	28.5	4.8	6	84	27
Dec	32.38	0.2	5.3	86	22

Stages	Days				total	
	Int. (Lini)	Dev	Mid	late		
Water melons	25	35	40	20	120	
Onion	15	25	70	40	150	
Potatoes	30	35	50	30	145	
Sunflower	20	35	45	25	125	
cabbage	20	25	60	15	120	
tomatoes	30	40	40	25	135	
Barley	15	25	50	30	120	
Wheat	15	25	50	30	120	
Maize	20	35	40	30	125	
Sugarbeet	25	35	60	40	160	
Grapes	20	40	120	60	240	

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.372	1.056	2.382	3.936	4.416	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	4.6	0.45	
	4.8	0.65	
	4.6	1.24	
	4.3	2.64	
	4	3.97	
	3.6	4.8	
	3.5	4.97	
	3.7	4.64	
	3.5	3.09	
	3.7	1.61	
	4.4	0.74	
	4.6	0.47	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.966 Etc (mm/d)
	0.93 4.6221	0.95 4.408	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day						
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes		
0.75								
0.85	Jan							
0.85	Feb							
0.55	Mar							
0.9	Apr	1.32	1.65	1.188	0.924	1.452	1.188	
0.8	May	2.9775	3.7715	2.9775	2.5805	3.573	2.9775	
0.45	Jun	4.8	5.04	5.2	4.88	5.04	4.88	
0.45	Jul	4.141667	4.887167	5.467	5.2185	4.84575	5.135667	
1	Aug		3.944	3.944	2.552		3.712	
0.8	Sep							
	Oct							
	Nov							
	Dec							
		Etc	mm/month					
		Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
	Jan	0	0	0	0	0	0	
	Feb	0	0	0	0	0	0	
	Mar	0	0	0	0	0	0	
	Apr	39.6	49.5	35.64	13.86	43.56	35.64	
	May	89.325	113.145	89.325	77.415	107.19	89.325	
	Jun	144	151.2	156	146.4	151.2	146.4	
	Jul	124.25	146.615	164.01	156.555	72.68625	154.07	
	Aug	0	118.32	98.6	12.76	0	55.68	
ay	Sep	0	0	0	0	0	0	
	Oct	0	0	0	0	0	0	
	Nov	0	0	0	0	0	0	
	Dec	0	0	0	0	0	0	
	total	397.175	578.78	543.575	406.99	374.6363	481.115	

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for month	Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev		0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.01666667	dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid		1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l		0.45 l	0.45
0.55	late	0.8			

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	6.752	
						Feb	7.256	
				0.31	0.372	Mar	3.566	
1.452	1.452	1.056	1.342	1.188	1.056	Apr	7.688	
4.036167	4.036167	2.646667	3.176	2.5805	2.382	May	14.834	
5.52	5.52	4.68	5.52	3.6	3.936	Jun	24.998	
2.2365	2.2365	5.59125	5.7155	3.7275	4.416	Jul	23.678	
		4.64	3.712	3.248	4.6221	Aug	9.854	
			2.472	1.6995	4.408	Sep	9.368	
					0.966	Oct	1.898	
						Nov	7.1	
						Dec	9.428	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.65	11.16	Mar		
43.56	43.56	10.56	40.26	35.64	31.68	Apr	31.912	41.812
121.085	121.085	79.4	95.28	77.415	71.46	May	74.491	98.311
165.6	165.6	140.4	165.6	108	118.08	Jun	119.002	126.202
67.095	67.095	167.7375	171.465	111.825	132.48	Jul	100.572	122.937
0	0	116	111.36	97.44	138.663	Aug		108.466
0	0	0	24.72	50.985	132.24	Sep		
0	0	0	0	0	28.98	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0		Dec		
397.34	397.34	514.0975	608.685	485.955	664.743	Total	325.977	497.728

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									1.084
27.952	6.172	35.872	27.952	35.872	35.872	2.872	32.572	27.952	
74.491	62.581	92.356	74.491	106.251	106.251	64.566	80.446	62.581	
131.002	121.402	126.202	121.402	140.602	140.602	115.402	140.602	83.002	
140.332	132.877	49.00825	130.392	43.417	43.417	144.0595	147.787	88.147	
88.746	2.906		45.826			106.146	101.506	87.586	
							15.352	41.617	
462.523	325.938	303.4383	400.063	326.142	326.142	433.0455	518.265	391.969	

Apples

23.992

56.626

93.082

108.802

128.809

122.872

27.082

561.265

Masivul Suvorov (Lat 46 ° 23 ' 41 " N Long 29 ° 52 ' 24 " E)

	P50 (Mm/month)	Temp (mean) (deg. C)	(DTR) (deg. C)	Ref Humid (%)	Sunshine (% of Hrs)	
Jan	27.98	-2.3		5.5	85	27
Feb	28.15	-1.1		5.2	84	27
Mar	21.95	3		5.9	80	34
Apr	27.5	9.8		7.3	73	45
May	39.37	15.7		7.8	71	56
Jun	52.93	19.6		8.1	69	61
Jul	50.73	21.4		8.3	68	65
Aug	30.95	20.9		8.6	67	68
Sep	31.24	16.6		8.4	70	62
Oct	19.29	10.6		7.3	76	50
Nov	27.47	5.1		5.8	84	28
Dec	33.18	0.6		5.2	86	22

Stages	Days					total
	Int. (Lini)	Dev	Mid	late		
Water melons		25	35	40	20	120
Onion		15	25	70	40	150
Potatoes		30	35	50	30	145
Sunflower		20	35	45	25	125
cabbage		20	25	60	15	120
tomatoes		30	40	40	25	135
Barley		15	25	50	30	120
Wheat		15	25	50	30	120
Maize		20	35	40	30	125
Sugarbeet		25	35	60	40	160
Grapes		20	40	120	60	240

	March	April	May	June	July	
Apple	0.3	0.4	0.6	0.82	0.92	
	0.366	0.988	2.262	3.8458	4.3148	

Melons

Wind Run (m/s)	Penman ETo (mm/day)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Int + dev dev Mid mid + late
	5.1	0.48	
	5.3	0.67	
	5	1.22	
	4.6	2.47	
	4.3	3.77	
	3.8	4.69	
	3.7	4.97	
	4	4.58	
	4	3.1	
	4.2	1.65	
	4.8	0.78	
	5.1	0.51	

plan date	Kc Initial stage	Crop dev. Stage	Mid-season	
April		0.45	0.75	1
April		0.5	0.75	1.05
April		0.45	0.75	1.15
in middle of April		0.35	0.75	1.15
April		0.45	0.75	1.05
April		0.45	0.75	1.15
April		0.35	0.75	1.15
April		0.35	0.75	1.15
start of third decade of April		0.4	0.8	1.15
April		0.45	0.8	1.15
in middle of March				

August	September	October	0.6 kc 0.99 Etc (mm/d)
	0.93 4.6221	0.95 4.351	

Kc for month	Onions	Kc for mon potatoes	Kc for mon sunflower	Kc for mon sunflower
	0.5 int + dev	0.625 int	0.45 int	0.35 int
	0.75 dev + mid	0.95 dev	0.75 dev	0.65 dev
	1 M	1.05 dev+ mid	1.083333 dev+ mid	1.016667 dev+ mid
0.8333333333	M + l	0.983333 M+l	1.1 M+l	1.05 M+l
	L	0.85 L	0.85 L	0.55 L

Late season stage	Etc	mm/day						
	Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes		
0.75								
0.85	Jan							
0.85	Feb							
0.55	Mar							
0.9	Apr	1.235	1.54375	1.1115	0.8645	1.3585	1.1115	
0.8	May	2.8275	3.5815	2.8275	2.4505	3.393	2.8275	
0.45	Jun	4.69	4.9245	5.080833	4.768167	4.9245	4.768167	
0.45	Jul	4.141667	4.887167	5.467	5.2185	4.84575	5.135667	
1	Aug		3.893	3.893	2.519		3.664	
0.8	Sep		0					
	Oct		0					
	Nov							
	Dec							
		Etc	mm/month					
		Water melk	Onion	Potatoes	Sunflower	cabbage	tomatoes	
	Jan	0	0	0	0	0	0	
	Feb	0	0	0	0	0	0	
	Mar	0	0	0	0	0	0	
	Apr	37.05	46.3125	33.345	12.9675	40.755	33.345	
	May	84.825	107.445	84.825	73.515	101.79	84.825	
	Jun	140.7	147.735	152.425	143.045	147.735	143.045	
	Jul	124.25	146.615	164.01	156.555	72.68625	154.07	
	Aug	0	116.79	97.325	12.595	0	54.96	
ay	Sep	0	0	0	0	0	0	
	Oct	0	0	0	0	0	0	
	Nov	0	0	0	0	0	0	
	Dec	0	0	0	0	0	0	
	total	386.825	564.8975	531.93	398.6775	362.9663	470.245	

Kc for mon cabbage	Kc for mon tomato	Kc for mon Barley	Kc for mon Wheat	Kc for mon
0.35 int + dev	0.55 int	0.45 int + dev	0.55 int + dev	0.55
0.65 dev + mid	0.9 dev	0.75 dev + mid	1.016667 dev + mid	1.016667
1.016667 mid	1.05 dev + mid	1.016667 mid	1.15 mid	1.15
1.05 mid + late	0.975 mid + late	1.033333 l	0.45 l	0.45
0.55	late	0.8		

Barley	Wheat	Maize	Sugarbeet	Grapes	Apples	Effective rainfall		
						Jan	6.788	
						Feb	6.89	
				0.305	0.366	Mar	3.17	
1.3585	1.3585	0.988	1.255583	1.1115	0.988	Apr	6.5	
3.832833	3.832833	2.513333	3.016	2.4505	2.262	May	13.622	
5.3935	5.3935	4.57275	5.3935	3.5175	3.8458	Jun	21.758	
2.2365	2.2365	5.59125	5.7155	3.7275	4.3148	Jul	20.438	
		4.58	3.664	3.206	4.6221	Aug	8.57	
			2.48	1.705	4.351	Sep	8.744	
					0.99	Oct	1.574	
						Nov	6.482	
						Dec	9.908	
						IWN	mm/month	
Barley	Wheat	Maize	Sugarbeet	Grapes	Apples		Water melk	Onion
0	0	0	0	0	0	Jan		
0	0	0	0	0	0	Feb		
0	0	0	0	4.575	10.98	Mar		
40.755	40.755	9.88	37.6675	33.345	29.64	Apr	30.55	39.8125
114.985	114.985	75.4	90.48	73.515	67.86	May	71.203	93.823
161.805	161.805	137.1825	161.805	105.525	115.374	Jun	118.942	125.977
67.095	67.095	167.7375	171.465	111.825	129.444	Jul	103.812	126.177
0	0	114.5	109.92	96.18	138.663	Aug		108.22
0	0	0	24.8	51.15	130.53	Sep		
0	0	0	0	0	29.7	Oct		
0	0	0	0	0	0	Nov		
0	0	0	0	0		Dec		
384.64	384.64	504.7	596.1375	476.115	652.191	Total	324.507	494.0095

Maize Kc for mon sugarbeet Kc for mon Grapes

			0.25
int	0.4 I + D	0.508333	0.45
int + d	0.666667 D	0.8	0.65
D+m	0.975 M	1.15	0.75
M+l	1.125 M	1.15	0.75
I	1 L	0.8	0.7
	L	0.8	0.55

Potatoes Sunflower cabbage tomatoes Barley Wheat Maize Sugarbeet Grapes

									1.405
26.845	6.4675	34.255	26.845	34.255	34.255	3.38	31.1675	26.845	
71.203	59.893	88.168	71.203	101.363	101.363	61.778	76.858	59.893	
130.667	121.287	125.977	121.287	140.047	140.047	115.4245	140.047	83.767	
143.572	136.117	52.24825	133.632	46.657	46.657	147.2995	151.027	91.387	
88.755	4.025		46.39			105.93	101.35	87.61	
							16.056	42.406	
461.042	327.7895	300.6483	399.357	322.322	322.322	433.812	516.5055	393.313	

Apples

23.14
54.238
93.616
109.006
130.093
121.786
28.126

560.005

	P50 (Mm/mont)	Temp (mea (DTR) (deg. C)	Ref Humid (%)	Sunshine (% of Hrs)	Wind Run (m/s)	Penman (mm/day)	ETo
Jan	27.73	-2.9	6	86	27	3.7	0.39
Feb	29.82	-1.3	5.8	85	28	3.9	0.6
Mar	23.75	3.4	7.5	77	34	3.8	1.3
Apr	34.18	11	9.9	64	46	3.7	2.95
May	44.98	16.8	10.5	62	55	3.4	4.28
Jun	64.38	20.1	10.5	63	60	3.2	4.99
Jul	58.4	21.6	10.2	64	63	3.1	5.06
Aug	39.97	21.2	10.8	62	67	3.2	4.69
Sep	34.31	17	10.8	65	60	2.7	3.06
Oct	20.45	10.9	9.3	73	51	2.8	1.56
Nov	30.9	4.9	6.4	83	26	3.5	0.71
Dec	31.81	0.1	5.4	86	22	3.7	0.42

Masivul

	P50 (Mm/mont)	Temp (mea (DTR) (deg. C)	Ref Humid (%)	Sunshine (% of Hrs)	Wind Run (m/s)	Penman (mm/day)	ETo
Jan	27.98	-2.3	5.5	85	27	5.1	0.48
Feb	28.15	-1.1	5.2	84	27	5.3	0.67
Mar	21.95	3	5.9	80	34	5	1.22
Apr	27.5	9.8	7.3	73	45	4.6	2.47
May	39.37	15.7	7.8	71	56	4.3	3.77
Jun	52.93	19.6	8.1	69	61	3.8	4.69
Jul	50.73	21.4	8.3	68	65	3.7	4.97
Aug	30.95	20.9	8.6	67	68	4	4.58
Sep	31.24	16.6	8.4	70	62	4	3.1
Oct	19.29	10.6	7.3	76	50	4.2	1.65
Nov	27.47	5.1	5.8	84	28	4.8	0.78
Dec	33.18	0.6	5.2	86	22	5.1	0.51

Roscani

	P50	Temp (mean)	(DTR)	Ref Humid	Sunshine	Wind Run	Penman ETo
	(Mm/mont	(deg. C)	(deg. C)	(%)	(% of Hrs)	(m/s)	(mm/day)
Jan	27.78	-3	5.9	86	27	4.2	
Feb	29.89	-1.5	5.7	85	28	4.4	
Mar	23.7	3.1	7.1	78	34	4.2	
Apr	33.46	10.4	9.4	67	46	4.1	
May	45.44	16.3	9.9	64	55	3.7	
Jun	64.13	19.7	10	65	60	3.5	
Jul	58.05	21.3	9.9	65	63	3.4	
Aug	38.15	20.8	10.4	63	67	3.4	
Sep	34.07	16.6	10.3	66	61	3.1	
Oct	20.29	10.5	8.9	73	51	3.2	
Nov	29.92	4.6	6.3	83	27	3.9	
Dec	32.24	-0.1	5.4	86	23	4.1	

Cosnita

	P50	Temp (mea	(DTR)	Ref Humid	Sunshine	Wind Run	Penman ETo
	(Mm/mont	(deg. C)	(deg. C)	(%)	(% of Hrs)	(m/s)	(mm/day)
Jan	27.73	-2.9	6	86	27	3.7	
Feb	29.82	-1.3	5.8	85	28	3.9	
Mar	23.75	3.4	7.5	77	34	3.8	
Apr	34.18	11	9.9	64	46	3.7	
May	44.98	16.8	10.5	62	55	3.4	
Jun	64.38	20.1	10.5	63	60	3.2	
Jul	58.4	21.6	10.2	64	63	3.1	
Aug	39.97	21.2	10.8	62	67	3.2	
Sep	34.31	17	10.8	65	60	2.7	
Oct	20.45	10.9	9.3	73	51	2.8	
Nov	30.9	4.9	6.4	83	26	3.5	
Dec	31.81	0.1	5.4	86	22	3.7	

Jan	28.07	-3.1	5.9	86	27	4
Feb	29.49	-1.6	5.7	84	28	4.1
Mar	23.48	3.1	7.2	77	34	4
Apr	32.42	10.7	9.6	66	45	3.8
May	43.51	16.6	10.2	63	55	3.5
Jun	61.96	20	10.2	65	59	3.3
Jul	59.81	21.4	9.8	65	63	3.2
Aug	38	21.1	10.5	63	67	3.3
Sep	33.46	16.8	10.4	66	60	2.9
Oct	20.36	10.7	8.9	73	50	3
Nov	30.36	4.7	6.2	83	26	3.7
Dec	32.02	0	5.4	86	22	3.9

Masivul Cahul

	P50 (Mm/mont)	Temp (mea (DTR) (deg. C)	Ref Humid (%)	Sunshine (% of Hrs)	Wind Run (m/s)	Penman ET (mm/day)
Jan	22.18	-2.5	6.6	87	27	4.7
Feb	27.26	-0.7	6.5	85	29	5
Mar	21.6	4.1	8.5	79	37	4.6
Apr	34.74	10.8	10.6	71	46	4.7
May	46.66	16.4	11.1	69	54	4.1
Jun	63.38	19.9	11.3	69	60	3.9
Jul	43.97	21.6	11.6	68	63	3.7
Aug	37.87	21.2	11.8	68	67	3.5
Sep	31.84	17.2	11.6	71	60	3.4
Oct	19.41	11.2	10.4	76	53	3.6
Nov	28.42	5.4	7.5	85	29	4
Dec	28.41	0.3	6	88	23	4.5

-3	-2.9	0.1	86	86
-1.5	-1.3	0.2	85	85
3.1	3.4	0.3	78	77
10.4	11	0.6	67	64
16.3	16.8	0.5	64	62
19.7	20.1	0.4	65	63
21.3	21.6	0.3	65	64
20.8	21.2	0.4	63	62
16.6	17	0.4	66	65
10.5	10.9	0.4	73	73
4.6	4.9	0.3	83	83
-0.1	0.1	0.2	86	86

Puga	0.39
Cosnita	0.39
Roscani	0.41

Puga	Cosnita	Roscani
0.39	0.39	0.41
0.61	0.6	0.61
1.29	1.3	1.27
2.82	2.95	2.8
4.22	4.28	4.17
4.87	4.99	4.89
4.99	5.06	5.04
4.65	4.69	4.64
3.05	3.06	3.1
1.58	1.56	1.62
0.72	0.71	0.73
0.43	0.42	0.44

To

0.61	1.29	2.82	4.22	4.87	4.99	4.65	3.05	1.58
0.6	1.3	2.95	4.28	4.99	5.06	4.69	3.06	1.56
0.61	1.27	2.8	4.17	4.89	5.04	4.64	3.1	1.62

0.72	0.43
0.71	0.42
0.73	0.44