

TEMPERATURE 24°C and 50 °C				
	ORGAN	TEMPERATURE	Nº VIAL	SAMPLE
Treatment (°C)	ROOTS	24°C	1	MeOH (BLANK 1)
			2	RT241
			3	RT242
			4	RT243
			5	RT244
			6	RT245
		50°C	1	MeOH (BLANK 2)
			7	RT501
			8	RT502
			9	RT503
			10	RT504
			11	RT505
			1	MeOH (BLANK 1)
	LEAVES	24°C	12	FT241
			13	FT242
			14	FT243
			15	FT244
			16	FT245
		50°C	1	MeOH (BLANK 2)
			17	FT501
			18	FT502
			19	FT503
			20	FT504
			21	FT505

UV – TREATED (LEAVES AND ROOTS)				
	ORGAN	TIME	Nº VIAL	SAMPLE
Treatment (hours)	ROOTS	24h	1	MeOH (BLANK 1)
			2	RUV241
			3	RUV243
			4	RUV244
			5	RUV245
			6	
		48h	1	MeOH (BLANK 2)
			7	RUV481
			8	RUV482
			9	RUV483
			10	RUV484
			11	RUV485
			1	MeOH (BLANK 1)
	LEAVES	24h	12	FUV241
			13	FUV242
			14	FUV243
			15	FUV244
			16	FUV245
		48h	1	MeOH (BLANK 2)
			17	FUV481
			18	FUV482
			19	FUV483
			20	FUV484
			21	FUV485

UV – CONTROL (LEAVES AND ROOTS)				
	ORGAN	TIME	Nº VIAL	SAMPLE
Treatment (hours)	ROOTS	24h	1	MeOH (BLANK 1)
			2	RCUV241
			3	RCUV242
			4	RCUV243
			5	RCUV244
			6	RCUV245
		48h	1	MeOH (BLANK 2)
			7	RCUV481
			8	RCUV482
			9	RCUV483
			10	RCUV484
			11	RCUV485
			1	MeOH (BLANK 1)
	LEAVES	24h	12	FCUV241
			13	FCUV242
			14	FCUV243
			15	FCUV244
			16	FCUV245
		48h	1	MeOH (BLANK 2)
			17	FCUV481
			18	FCUV482
			19	FCUV483
			20	FCUV484
			21	FCUV485

WATER STRESS – TREATED (ROOTS)				
	ORGAN	TIME	Nº VIAL	SAMPLE
Treatment (Week)	ROOTS		1	MeOH (BLANK 1)
		T0	2	RTHO-1
			3	RTHO-2
			4	RTHO-3
			5	RTHO-4
			6	RTHO-5
			1	MeOH (BLANK 2)
		T1	7	RTH1-1
			8	RTH1-2
			9	RTH1-3
			10	RTH1-4
			11	RTH1-5
			1	MeOH (BLANK 1)
		T2	12	RTH2-1
			13	RTH2-2
			14	RTH2-3
			15	RTH2-4
			16	RTH2-5
			1	MeOH (BLANK 2)
		T3	17	RTH3-1
			18	RTH3-2
			19	RTH3-3
			20	RTH3-4
			21	RTH3-5

WATER STRESS – CONTROL (ROOTS)				
	ORGAN	TIME	Nº VIAL	SAMPLE
Treatment (Week)	ROOTS		1	MeOH (BLANK 1)
		C1	2	RCTH1-1
			3	RCTH1-2
			4	RCTH1-3
			5	RCTH1-4
			6	RCTH1-5
			1	MeOH (BLANK 2)
		C2	7	RCTH2-1
			8	RCTH2-2
			9	RCTH2-3
			10	RCTH2-4
			11	RCTH2-5
			1	MeOH (BLANK 1)
		C3	12	RCTH3-1
			13	RCTH3-2
			14	RCTH3-3
			15	RCTH3-4
			16	RCTH3-5

WATER STRESS – TREATED (LEAVES)				
	ORGAN	TIME	Nº VIAL	SAMPLE
Treatment (Week)	LEAVES		1	MeOH (BLANK 1)
		T0	2	FTHO-1
			3	FTHO-2
			4	FTHO-3
			5	FTHO-4
			6	FTHO-5
			1	MeOH (BLANK 2)
		T1	7	FTH1-1
			8	FTH1-2
			9	FTH1-3
			10	FTH1-4
			11	FTH1-5
			1	MeOH (BLANK 1)
		T2	12	FTH2-1
			13	FTH2-2
			14	FTH2-3
			15	FTH2-4
			16	FTH2-5
			1	MeOH (BLANK 2)
		T3	17	FTH3-1
			18	FTH3-2
			19	FTH3-3
			20	FTH3-4
			21	FTH3-5

WATER STRESS – CONTROL (LEAVES)				
	ORGAN	TIME	Nº VIAL	SAMPLE
Treatment (Week)	LEAVES		1	MeOH (BLANK 1)
		C1	2	FCTH1-1
			3	FCTH1-2
			4	FCTH1-3
			5	FCTH1-4
			6	FCTH1-5
			1	MeOH (BLANK 2)
		C2	7	FCTH2-1
			8	FCTH2-2
			9	FCTH2-3
			10	FCTH2-4
			11	FCTH2-5
			1	MeOH (BLANK 1)
		C3	12	FCTH3-1
			13	FCTH3-2
			14	FCTH3-3
			15	FCTH3-4
			16	FCTH3-5

CONTROL – MEJA – SNP - AS				
	DAYS	ORGAN	Nº VIAL	SAMPLE
Control (Methyl Jasmonate, Sodium Nitroprusside, Salicylic Acid)	2 DAYS		1	MeOH (BLANK 1)
		ROOTS	2	RC6821
			3	RC6822
			4	RC6823
			5	RC6824
			6	RC6825
			1	MeOH (BLANK 2)
		LEAVES	7	FC6821
			8	FC6822
			9	FC6823
			10	FC6824
			11	FC6825
			1	MeOH (BLANK 1)
	4 DAYS	ROOTS	12	RC6841
			13	RC6842
			14	RC6843
			15	RC6844
			16	RC6845
			1	MeOH (BLANK 2)
		LEAVES	17	FC6841
			18	FC6842
			19	FC6843
			20	FC6844
			21	FC6845

SODIUM NITROPRUSSIDE – SNP - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
2 DAYS	ROOTS		1	MeOH (BLANK 1)
		100 mM	2	RSNP10021
			3	RSNP10022
			4	RSNP10023
			5	RSNP10024
			6	RSNP10025
			1	MeOH (BLANK 2)
		200 mM	7	RSNP20021
			8	RSNP20022
			9	RSNP20023
			10	RSNP20024
			11	RSNP20025
			1	MeOH (BLANK 1)
	LEAVES	100 mM	12	FSNP10021
			13	FSNP10022
			14	FSNP10023
			15	FSNP10024
			16	FSNP10025
			1	MeOH (BLANK 2)
		200 mM	17	FSNP20021
			18	FSNP20022
			19	FSNP20023
			20	FSNP20024
			21	FSNP20025

METHYL JASMONATE - MEJA - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
2 DAYS	ROOTS		1	MeOH (BLANK 1)
		40 uM	2	RMJ4021
			3	RMJ4022
			4	RMJ4023
			5	RMJ4024
			6	RMJ4025
			1	MeOH (BLANK 2)
		100 uM	7	RMJ10021
			8	RMJ10022
			9	RMJ10023
			10	RMJ10024
			11	RMJ10025
			1	MeOH (BLANK 1)
	LEAVES	40 mM	12	FMJ4021
			13	FMJ4022
			14	FMJ4023
			15	FMJ4024
			16	FMJ4025
			1	MeOH (BLANK 2)
		100 mM	17	FMJ10021
			18	FMJ10022
			19	FMJ10023
			20	FMJ10024
			21	FMJ10025

SALICYLIC ACID - AS - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
2 DAYS	ROOTS		1	MeOH (BLANK 1)
		1 mM	2	RAS121
			3	RAS122
			4	RAS123
			5	RAS124
			6	RAS125
			1	MeOH (BLANK 2)
		2 mM	7	RAS221
			8	RAS222
			9	RAS223
			10	RAS224
			11	RAS225
			1	MeOH (BLANK 1)
	LEAVES	1 mM	12	FAS121
			13	FAS122
			14	FAS123
			15	FAS124
			16	FAS125
			1	MeOH (BLANK 2)
		2 mM	17	FAS221
			18	FAS222
			19	FAS223
			20	FAS224
			21	FAS225

SODIUM NITROPRUSSIDE – SNP - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
4 DAYS	ROOTS		1	MeOH (BLANK 1)
		100 mM	2	RSNP10041
			3	RSNP10042
			4	RSNP10043
			5	RSNP10044
			6	RSNP10045
			1	MeOH (BLANK 2)
		200 mM	7	RSNP20041
			8	RSNP20042
			9	RSNP20043
			10	RSNP20044
			11	RSNP20045
			1	MeOH (BLANK 1)
	LEAVES	100 mM	12	FSNP10041
			13	FSNP10042
			14	FSNP10043
			15	FSNP10044
			16	FSNP10025
			1	MeOH (BLANK 2)
		200 mM	17	FSNP20041
			18	FSNP20042
			19	FSNP20043
			20	FSNP20044
			21	FSNP20045

METHYL JASMONATE - MEJA - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
4 DAYS	ROOTS		1	MeOH (BLANK 1)
		40 uM	2	RMJ4041
			3	RMJ4042
			4	RMJ4043
			5	RMJ4044
			6	RMJ4045
			1	MeOH (BLANK 2)
		100 uM	7	RMJ10041
			8	RMJ10042
			9	RMJ10043
			10	RMJ10044
			11	RMJ10045
			1	MeOH (BLANK 1)
	LEAVES	40 mM	12	FMJ4041
			13	FMJ4042
			14	FMJ4043
			15	FMJ4044
			16	FMJ4045
			1	MeOH (BLANK 2)
		100 mM	17	FMJ10041
			18	FMJ10042
			19	FMJ10043
			20	FMJ10044
			21	FMJ10045

SALICYLIC ACID - AS - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
4 DAYS	ROOTS		1	MeOH (BLANK 1)
		1 mM	2	RAS141
			3	RAS142
			4	RAS143
			5	RAS144
			6	RAS145
			1	MeOH (BLANK 2)
		2 mM	7	RAS241
			8	RAS242
			9	RAS243
			10	RAS244
			11	RAS245
			1	MeOH (BLANK 1)
	LEAVES	1 mM	12	FAS141
			13	FAS142
			14	FAS143
			15	FAS144
			16	FAS145
			1	MeOH (BLANK 2)
		2 mM	17	FAS241
			18	FAS242
			19	FAS243
			20	FAS244
			21	FAS245

CONTROL – ABA - MD - NaCl				
	DAYS	ORGAN	Nº VIAL	SAMPLE
Control (Absciscic acid, Mechanical damage, Salt stress)	2 DAYS		1	MeOH (BLANK 1)
		ROOTS	2	RC2421
			3	RC2422
			4	RC2423
			5	RC2424
			6	RC2425
			1	MeOH (BLANK 2)
		LEAVES	7	FC2421
			8	FC2422
			9	FC2423
			10	FC2424
			11	FC2425
			1	MeOH (BLANK 1)
	4 DAYS	ROOTS	12	RC2441
			13	RC2442
			14	RC2443
			15	RC2444
			16	RC2445
			1	MeOH (BLANK 2)
		LEAVES	17	FC2441
			18	FC2442
			19	FC2443
			20	FC2444
			21	FC2445

ABSCISIC ACID - ABA - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
2 DAYS	ROOTS		1	MeOH (BLANK 1)
		95 uM	2	RABA2521
			3	RABA2522
			4	RABA2523
			5	RABA2524
			6	RABA2525
			1	MeOH (BLANK 2)
		189 uM	7	RABA5021
			8	RABA5022
			9	RABA5023
			10	RABA5024
			11	RABA5025
			1	MeOH (BLANK 1)
	LEAVES	95 uM	12	FABA2521
			13	FABA2522
			14	FABA2523
			15	FABA2524
			16	FABA2525
			1	MeOH (BLANK 2)
		189 uM	17	FABA5021
			18	FABA5022
			19	FABA5023
			20	FABA5024
			21	FABA5025

MECHANICAL DAMAGE - MD - TREATED				
COLLECTION DAY	ORGAN	% FOLIAR AREA	Nº VIAL	SAMPLE
2 DAYS	ROOTS		1	MeOH (BLANK 1)
		25%	2	RDM121
			3	RDM122
			4	RDM123
			5	RDM124
			6	RDM125
			1	MeOH (BLANK 2)
		75%	7	RDM321
			8	RDM322
			9	RDM323
			10	RDM324
			11	RDM325
			1	MeOH (BLANK 1)
	LEAVES	25%	12	FDM121
			13	FDM122
			14	FDM123
			15	FDM124
			16	FDM125
			1	MeOH (BLANK 2)
		75%	17	FDM321
			18	FDM322
			19	FDM323
			20	FDM324
			21	FDM325

SALINE STRESS - NaCl - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
2 DAYS	ROOTS		1	MeOH (BLANK 1)
		0.25 M	2	RS2523
			3	RS2524
			4	RS2525
			5	
			6	
			1	MeOH (BLANK 2)
		0.50 M	7	RS5021
			8	RS5022
			9	RS5023
			10	RS5024
			11	RS5025
			1	MeOH (BLANK 1)
	LEAVES	0.25 M	12	FS2524
			13	FS2525
			14	
			15	
			16	
			1	MeOH (BLANK 2)
		0.50 M	17	FS5021
			18	FS5022
			19	FS5023
			20	FS5024
			21	FS5025

ABSCISIC ACID - ABA - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
4 DAYS	ROOTS		1	MeOH (BLANK 1)
		95 uM	2	RABA2541
			3	RABA2542
			4	RABA2543
			5	RABA2544
			6	RABA2545
			1	MeOH (BLANK 2)
		189 uM	7	RABA5041
			8	RABA5042
			9	RABA5043
			10	RABA5044
			11	RABA5045
			1	MeOH (BLANK 1)
	LEAVES	95 uM	12	FABA2541
			13	FABA2542
			14	FABA2543
			15	FABA2544
			16	FABA2545
			1	MeOH (BLANK 2)
		189 uM	17	FABA5041
			18	FABA5042
			19	FABA5043
			20	FABA5044
			21	FABA5045

MECHANICAL DAMAGE - MD - TREATED				
COLLECTION DAY	ORGAN	% FOLIAR AREA	Nº VIAL	SAMPLE
4 DAYS	ROOTS		1	MeOH (BLANK 1)
		25%	2	RDM141
			3	RDM142
			4	RDM143
			5	RDM144
			6	RDM144
			1	MeOH (BLANK 2)
		75%	7	RDM341
			8	RDM342
			9	RDM343
			10	RDM345
			11	
			1	MeOH (BLANK 1)
	LEAVES	25%	12	FDM141
			13	FDM142
			14	FDM143
			15	FDM144
			16	FDM145
			1	MeOH (BLANK 2)
		75%	17	FDM341
			18	FDM342
			19	FDM343
			20	FDM344
			21	FDM345

SALINE STRESS - NaCl - TREATED				
COLLECTION DAY	ORGAN	CONCENTRATION	Nº VIAL	SAMPLE
4 DAYS	ROOTS		1	MeOH (BLANK 1)
		0.25 M	2	RS2541
			3	RS2542
			4	RS2543
			5	RS2544
			6	RS2545
			1	MeOH (BLANK 2)
		0.50 M	7	RS5041
			8	RS5042
			9	RS5043
			10	RS5044
			11	RS5045
			1	MeOH (BLANK 1)
	LEAVES	0.25 M	12	FS2541
			13	FS2542
			14	FS2543
			15	FS2544
			16	FS2545
			1	MeOH (BLANK 2)
		0.50 M	17	FS5041
			18	FS5042
			19	FS5043
			20	FS5044
			21	FS5045