

## Supplementary Material

**Table S1. Coefficients of determination for the relationships between the water potential and relative water content of the youngest fully developed leaf, as well as for the fresh weight and water content of the above-ground biomass, for the control, salinity and salinity-drought treatments for the two cultivars (Sakha 61 and Sakha 93) and growth platforms (container and pot) at the end of both drought cycles during the winter experiment in 2009 and summer experiment in 2010**

			2009						2010						
			End of drought cycle 1			End of drought cycle 2			End of drought cycle 1			End of drought cycle 2			
			RWC	FW	WC										
Container	Sakha 61	WP	0.21	0.78**	0.81***	0.15	0.93***	0.84***	0.10	0.93***	0.94***	0.00	0.91***	0.97***	
		RWC		0.55*	0.22		0.11	0.11		0.08	0.11		0.00	0.01	
		FW			0.55*			0.75**			0.96***			0.91***	
	Sakha 93	WP	0.06	0.79**	0.81***	0.19	0.84***	0.81***	0.28	0.92***	0.95***	0.15	0.87***	0.91***	
		RWC		0.01	0.03		0.12	0.13		0.18	0.16		0.07	0.09	
		FW			0.80**			0.97**			0.92***			0.98***	
	Pot	Sakha 61	WP	0.97***	0.55	0.93**	0.35	0.82***	0.33	0.13	0.61*	0.89***	0.06	0.59*	0.77**
		RWC		0.42	0.92**		0.28	0.17		0.23	0.30		0.00	0.01	
		FW			0.49*			0.50*			0.81***			0.89***	
	Sakha 93	WP	0.97***	0.89**	0.91**	0.27	0.89***	0.71**	0.68**	0.73**	0.88***	0.80**	0.53*	0.44	
		RWC		0.85**	0.98***		0.29	0.05		0.61*	0.82***		0.61*	0.54*	
		FW			0.74**			0.56*			0.89***			0.66**	

\*, \*\*, \*\*\* indicate significance at  $P \leq 0.05$ ,  $P \leq 0.01$  and  $P \leq 0.001$

**Table S2.** Comparison between the two cultivars (Sakha 61 and Sakha 93) with regard to the agronomic parameters (fresh weight of the above-ground biomass, FW; water content of the above-ground biomass, WC; water potential of the youngest fully developed leaf, WP; and relative water content of the youngest fully developed leaf, RWC) and the chosen spectral indices for the three treatments (control, salinity and salinity-drought) treatments at selected dates

A t-test for independent samples is indicated separately for each of the parameters, dates, years and growth platforms. Significant or non-significant cultivar differences are indicated with lower case letters (a,b or a,a, respectively)