

## Supplementary Material

**Table S1.** The main climatic characteristics of the growing seasons in Novosibirsk and Vladivostok

Parameter	Month					
	April	May	June	July	August	September
Novosibirsk						
Climate type: continental						
Average maximum, °C	7.8	18.4	22.9	25.0	22.4	15.6
Average temperature, °C	2.3	11.7	16.8	19.2	16.5	10.1
Average minimum, °C	-2.0	6.0	11.4	14.1	11.5	5.9
Precipitation rate, mm	28	34	50	72	49	42
Vladivostok						
Climate type: monsoon						
Average maximum, °C	9.4	14.7	18.1	21.9	24.1	20.2
Average temperature, °C	4.9	9.8	14.0	18.3	20.8	16.4
Average minimum, °C	1.9	6.7	11.4	16.2	18.5	13.5
Precipitation rate, mm	62	95	89	164	145	92

**Table S2.** Main climatic characteristics of the 2012 growing season (Novosibirsk)

Month	Air temperature, °C		Precipitation, mm	
	Average monthly	Deviation from the norm	Amount per month	% of norm
April	6.4	4.1	5	21
May	11.3	0.4	13	35
June	21.8	4.9	19	35
July	22.5	3.1	4	7
August	17.1	0.9	67	100
September	12.5	2.5	41	95

**Table S3.** Main climatic characteristics of the 2013 growing season (Novosibirsk)

Month	Air temperature, °C		Precipitation, mm	
	Average monthly	Deviation from the norm	Amount per month	% of norm
April	3.5	1.2	22	92
May	8.7	-2.2	76	205
June	14.8	-2.1	38	69
July	19.2	-0.2	75	123
August	17.6	1.4	165	246
September	9.4	-0.6	52	121