

Table S1. Characteristics of 232 grape varieties in conditions of Don Ampelographic Collection, 1981-2019.

#	Variety	Country or region of origin	Interspecies origin*		Type of use**	Ripening group***	Taste score of fresh grapes	Taste score of wine, points	Bud break – full ripening of berries (days)	Number of normally developed shoots (pcs.)	Clusters per shoot	Clusters per productive shoot	Shoot productivity (g)	Yield (kg per bush)	Cluster mass (g)	Berry mass (g)	Sugar content (g 100 cm ⁻³)	Acidity (g dm ⁻³)	Berry separation force (g)	Berry crushing force (g)
1	AG IZYUM	DAGHESTAN	V	T	4	8.1	-	134.5	22.2	0.5	1.2	142.3	3.1	272.6	3.7	18.0	7.6	-	-	
2	AGADAI	DAGHESTAN	V	T	5	8.5	-	139.4	22.1	0.5	1.2	195.2	3.9	390.6	5.3	15.3	6.6	-	-	
3	AGAT DONSKOI	RUSSIA	A	T	3	7.8	-	122.1	22.2	1.2	1.4	412.0	10.2	340.7	4.7	14.8	6.2	265.6	1302.0	
4	AIVAZ	UKRAIN	U	T	4	7.8	-	125.7	17.6	1.0	1.5	304.5	5.4	353.7	5.1	15.7	7.1	-	-	
5	ALAR	RUSSIA	V	T	3	8.1	-	116.2	18.2	0.6	1.3	266.9	4.6	444.2	5.7	15.7	6.6	-	-	
6	ALDEN	USA	U	M	4	7.7	8.5	127.3	23.1	1.7	1.9	458.2	12.7	233.1	4.1	17.2	6.9	-	-	
7	ALESHENKIN DAR	RUSSIA	V	T	2	7.7	-	113.0	13.4	0.7	-	-	2.7	386.7	3.0	16.2	7.3	-	-	
8	ALEXANDROULI	GEORGIA	V	W	5	-	8.6	143.3	21.1	1.1	1.6	88.0	2.8	111.8	-	21.9	10.2	-	-	
9	ALIGOTE	FRANCE	V	W	5	-	8.8	138.9	15.2	1.3	-	-	2.1	119.9	1.5	19.3	8.9	-	-	
10	ALMA ATINSKII RANNII	KAZAKHSTAN	V	T	2	7.4	-	109.4	21.0	0.8	-	-	3.7	228.1	2.6	18.1	5.7	-	-	
11	ALWOOD	USA	L	M	4	6.9	8.4	125.6	29.1	1.9	1.9	322.2	10.5	205.6	2.5	17.9	4.7	-	-	
12	ALYI TERSKII	DAGHESTAN	V	W	5	-	8.5	145.3	18.8	0.9	1.4	244.4	4.6	269.7	-	19.7	10.4	-	-	
13	AMETIST	RUSSIA	V	T	3	7.5	-	119.2	15.8	1.0	-	-	3.4	210.3	2.9	19.0	7.2	-	-	
14	ARMAN	KAZAKHSTAN	V	T	2	7.7	-	114.4	19.0	1.0	-	-	3.1	369.3	4.0	17.8	8.4	-	-	
15	ARTASHATI KARMIR	ARMENIA	A	W	5	-	8.6	141.8	18.0	0.7	1.3	132.8	2.8	164.9	-	20.3	11.4	-	-	
16	AVGUSTIN	BULGARIA	U	T	4	8.3	-	126.5	15.7	0.7	1.3	268.6	3.7	342.8	4.8	17.6	7.7	278.4	2129.0	
17	BASTARDO MAGARACHSKII	CRIMEA	V	W	5	-	8.7	140.1	29.4	0.7	1.6	-	3.6	152.5	-	22.6	8.6	-	-	
18	BELGRADSKII BESSEMJANNYI	YUGOSLAVIA	V	T	6	8.5	-	145.9	19.8	0.8	-	-	4.6	260.1	3.3	18.9	8.0	-	-	

19	BELOROZOVYI	RUSSIA	V	T	1	7.2	-	99.2	17.5	0.4	1.2	133.1	2.5	283.9	2.6	17.4	5.2	-	-
20	BERBESHO	GEORGIA	V	M	5	-	8.5	145.2	27.9	1.1	1.6	281.7	6.3	210.2	1.7	19.4	10.7	-	-
21	BESSERGENEVSKII 1	RUSSIA	V	M	6	-	8.6	146.8	26.9	1.1	1.5	279.9	8.1	262.6	2.5	16.8	8.7	-	-
22	BESSERGENEVSKII 5	RUSSIA	V	W	5	-	8.6	144.6	26.7	0.7	1.2	166.4	4.6	233.4	2.7	19.8	7.1	-	-
23	BEZYMJANNYJ DONSKOJ	RUSSIA	V	W	5	-	8.5	145.2	27.1	0.7	1.3	236.3	7.5	321.8	2.6	17.9	7.3	-	-
24	BIRUINTSA	MOLDOVA	U	T	5	8.1	-	143.3	10.2	0.5	1.6	342.0	3.5	738.7	9.8	16.0	8.1	-	-
25	BISER ROZOVYI	KAZAKHSTAN	V	T	3	7.6	-	117.0	14.0	0.7	-	-	2.0	194.6	1.7	19.6	7.4	-	-
26	BOGATYRSKII	RUSSIA	V	T	2	7.4	-	114.5	16.5	1.0	1.6	234.6	3.9	233.4	3.2	18.3	6.3	236.3	1405.3
27	BORNEMISSZA GERGELY	HUNGARY	U	M	4	6.9	-	132.7	17.5	1.1	-	-	2.7	154.7	2.3	20.7	8.9	-	-
28	BOURGOUNDSKY	-	V	M	6	-	8.5	149.2	24.8	0.4	1.2	158.7	3.9	356.1	2.7	19.1	8.9	-	-
29	BRUMERIU NOU	MOLDOVA	A	T	6	7.7	-	150.9	20.4	0.6	1.2	350.5	7.2	555.4	5.2	17.0	8.4	384.0	2136.9
30	BURYI	RUSSIA	V	T	3	7.3	-	122.2	24.1	0.7	1.3	266.8	6.8	397.7	3.2	17.0	6.8	-	-
31	CABERNET SAUVIGNON	FRANCE	V	W	6	-	8.7	151.6	21.8	0.9	1.7	104.1	2.4	102.3	-	21.5	9.4	-	-
32	CABERNET-SAUVIGNON (FRENCH CLONE)	FRANCE	V	W	6	-	8.7	147.6	28.9	1.1	1.6	111.8	3.2	98.2	-	19.5	10.8	-	-
33	CANADICE	USA	L	T	2	7.8	-	111.1	12.7	1.1	1.5	151.4	2.3	118.1	1.6	20.2	5.2	-	-
34	CARDINAL	USA	V	T	2	8.4	-	108.7	12.9	0.6	1.4	249.5	3.3	340.6	6.8	16.5	6.1	-	-
35	CHASSELAS BLANC	EGYPT	V	T	3	7.0	-	121.3	14.6	1.0	1.6	187.1	3.0	178.3	2.6	16.9	6.5	199.6	808.1
36	CHASSELAS MUSQUE	FRANCE	V	T	3	7.4	-	118.1	16.2	1.2	1.8	187.6	3.3	165.9	2.5	17.5	5.7	-	-
37	CHASSELAS ROSE	FRANCE	V	M	2	6.8	-	114.7	14.3	1.1	1.8	183.7	3.0	168.1	2.5	16.7	6.3	-	-
38	CHIMGAN	UZBEKISTAN	V	T	6	8.3	-	145.7	13.7	0.6	-	-	4.1	396.5	8.5	15.4	7.2	-	-
39	CIMLADAR	RUSSIA	V	W	5	-	8.5	135.7	26.1	0.7	1.4	114.1	3.2	163.1	1.7	22.2	7.1	-	-
40	CIMLJANSKIJ BELYI	RUSSIA	V	W	3	-	8.6	120.4	15.7	0.8	1.5	198.5	3.6	232.3	2.5	20.1	6.3	-	-
41	CIMLJANSKIJ CHERNYI	RUSSIA	V	W	5	-	8.6	143.5	21.5	0.7	1.4	127.0	2.8	172.0	1.6	21.1	7.9	-	-
42	CVETOCHNYI	RUSSIA	A	W	5	-	8.5	140.6	22.2	1.1	1.5	192.3	4.0	166.6	-	21.6	9.2	-	-
43	DAGESTANSKII	DAGHESTAN	V	T	6	7.9	-	153.7	16.3	1.1	-	-	4.3	273.3	5.0	18.0	11.4	-	-
44	DEKABRSKII	MOLDOVA	U	T	5	7.3	-	142.3	23.6	1.1	1.4	202.4	4.3	188.5	2.9	18.5	8.1	127.1	1159.1
45	DEMIR KAPIYA	YUGOSLAVIA	V	T	1	7.6	-	102.4	16.8	1.0	-	-	2.4	156.0	3.6	16.0	7.0	-	-
46	DESERTNYI	RUSSIA	V	T	4	7.6	-	131.8	17.0	1.2	1.6	262.1	4.7	213.6	3.3	19.3	7.7	157.3	1702.8
47	DIMATZKUN	ARMENIA	A	W	4	-	8.6	132.5	22.2	1.2	1.6	265.0	6.1	221.6	1.4	22.5	8.0	-	-

48	DOINA	MOLDOVA	U	M	5	7.0	-	141.2	16.1	1.0	1.5	212.1	3.3	211.4	2.1	19.1	8.8	251.0	1210.0
49	DONSKAJA ROZA	RUSSIA	V	T	5	7.3	-	140.1	20.9	0.8	1.4	154.0	3.5	201.5	3.5	18.3	8.1	-	-
50	DRUZHBA	RUSSIA+BULGARIA	V	M	4	7.6	8.5	130.7	9.4	1.1	1.7	184.0	2.0	182.6	3.8	20.0	8.8	267.9	1226.8
51	DUNAVSKA GAMZA	BULGARIA	U	W	6	-	8.6	154.3	16.6	1.0	-	-	4.3	281.6	-	18.5	9.6	-	-
52	DUNAVSKI LAZUR	BULGARIA	U	W	6	-	8.5	146.8	16.3	1.1	1.6	263.9	4.3	241.6	2.2	18.6	9.7	-	-
53	DURMAN	RUSSIA	V	W	4	-	8.6	132.1	21.6	1.1	1.4	199.7	4.8	170.9	2.3	20.3	6.2	-	-
54	DUSHISTYJ	RUSSIA	A	W	3	-	8.6	116.4	29.2	1.3	1.7	173.8	5.4	124.8	-	22.1	5.8	-	-
55	EFREMOVSKII	RUSSIA	V	T	3	7.5	-	123.8	31.9	0.3	1.1	172.0	6.0	474.0	3.7	17.9	6.0	-	-
56	EINSET SEEDLESS	USA	L	T	1	7.7	-	104.5	27.3	1.5	1.7	286.1	8.0	192.3	2.1	19.4	7.2	-	-
57	FAVORIT	HUNGARY	V	T	2	7.8	-	115.0	17.7	0.5	-	-	2.7	254.4	4.2	15.8	6.6	-	-
58	FREDONIA	USA	L	M	3	-	8.3	115.6	23.6	2.2	2.2	396.3	9.0	178.4	2.9	16.5	6.0	-	-
59	FRUMOASA ALBE	MOLDOVA	U	T	3	7.9	-	118.3	14.3	1.3	1.6	347.5	5.3	277.8	5.0	18.6	6.0	316.7	1450.0
60	GAILIŪNO ŠASLA	LITHUANIA	L	T	1	7.1	-	101.0	10.8	1.4	1.6	160.8	1.9	108.0	2.6	18.1	5.8	-	-
61	GALAN	BULGARIA	V	M	6	7.4	-	145.9	16.1	1.2	1.6	363.7	5.6	309.3	4.0	18.1	9.6	328.5	1397.2
62	GARAN DMAK	ARMENIA	V	W	5	-	8.7	136.0	25.4	0.5	1.2	-	2.7	207.9	-	18.5	7.6	-	-
63	GEARD	ARMENIA	V	T	6	8.3	-	145.7	14.8	0.4	-	-	1.7	262.3	4.7	18.5	8.3	-	-
64	GKHARA BAKHIN TSIBIL	DAGHESTAN	V	W	5	-	8.7	136.2	18.8	0.6	1.4	248.6	5.0	362.0	-	19.1	8.3	-	-
65	GOECSEJI ZAMATOS	HUNGARY	U	W	4	-	8.5	127.7	14.4	1.0	1.6	153.3	2.1	154.3	2.1	19.9	8.4	-	-
66	GOLUBOK	UKRAIN	A	W	4	-	8.5	130.7	24.5	1.3	1.6	142.6	3.6	112.0	1.7	17.8	7.9	-	-
67	GORULI MTSVANE	GEORGIA	V	W	5	-	8.6	140.3	18.0	1.0	1.4	296.7	5.7	290.9	1.8	21.2	9.8	-	-
68	GRDZELMTEVANA	GEORGIA	V	W	5	-	8.5	137.4	18.3	0.6	1.3	240.3	3.8	346.7	-	20.4	8.6	-	-
69	GROCHANKA	YUGOSLAVIA	V	T	2	7.6	-	109.2	18.1	0.6	1.5	236.0	3.1	276.3	3.6	19.6	6.1	354.0	1149.0
70	GRUSHEVSKIJ BELYJ	RUSSIA	VAU	W	6	-	8.4	148.5	23.3	1.3	1.5	241.7	5.7	188.9	-	18.7	11.7	-	-
71	GYULYABI DAGESTANSKII	DAGHESTAN	V	M	5	7.1	-	141.9	16.5	0.6	1.2	179.0	3.2	296.9	3.1	18.6	9.1	-	-
72	ISABELLA	USA	L	M	5	-	8.2	145.2	23.1	1.7	-	-	3.3	114.3	-	18.0	7.6	-	-
73	ISKUSHENIE	RUSSIA	V	T	5	7.7	-	137.8	12.5	0.5	-	-	1.5	272.7	3.9	19.0	7.5	-	-
74	JELITNYJ	RUSSIA	V	T	2	8.2	-	106.7	14.9	0.4	-	-	1.6	301.7	3.4	19.4	5.5	-	-
75	KANTEMIROVSKIJ	MOLDOVA	U	T	3	8.1	-	123.7	19.8	1.0	1.8	-	7.4	434.2	5.8	17.7	7.7	244.7	2037.5
76	KARAMOL	RUSSIA	V	T	4	8.0	-	129.9	12.6	0.7	1.3	303.7	3.4	420.2	5.4	16.1	6.7	344.0	1317.4

77	KISHMISH CGL	RUSSIA	A	T	5	6.7	-	137.6	26.1	1.5	1.7	308.0	6.3	141.8	2.6	17.0	7.8	-	-
78	KISHMISH UNIKALNYI	RUSSIA	A	T	4	7.0	-	126.9	26.3	1.1	1.4	200.5	6.4	228.7	1.3	18.9	8.8	148.5	636.6
79	KOCSIS IRMA	HUNGARY	V	M	4	7.2	-	130.3	19.6	0.9	-	-	4.8	265.9	3.9	20.4	7.1	-	-
80	KODRYANKA	MOLDOVA	U	T	2	8.3	-	111.5	12.6	1.0	1.6	308.1	3.4	299.0	5.6	16.9	6.2	233.6	2320.0
81	KOENIGIN DER WEINGAERTEN	HUNGARY	V	T	3	8.0	-	116.0	18.3	0.6	1.4	154.0	2.9	295.4	4.8	16.8	5.4	-	-
82	KORINKA RUSSKAYA	RUSSIA	A	T	1	7.7	-	99.4	26.6	1.6	1.8	221.9	6.5	143.7	0.8	19.5	6.9	71.0	317.8
83	KOSMONAVT	RUSSIA	A	T	2	7.1	-	106.6	26.5	1.0	1.3	141.0	3.1	174.6	3.0	18.2	7.4	-	-
84	KOSOROTOVSKII	RUSSIA	V	M	5	7.3	8.6	136.9	18.6	0.6	1.4	232.3	2.6	261.0	3.3	19.1	7.4	-	-
85	KOSTJUKOVSKYJ	RUSSIA	A	T	5	7.9	-	143.6	9.6	0.8	-	-	3.5	347.0	7.5	18.0	8.5	-	-
86	KRASNOSTOP ZOLOTOVSKII	RUSSIA	V	W	5	-	8.7	142.4	21.2	0.8	1.3	94.3	2.1	118.8	1.2	23.1	10.5	-	-
87	KRESTOVSKII	RUSSIA	V	M	6	-	8.6	153.6	17.7	0.2	1.1	52.6	1.1	290.6	2.6	18.2	9.7	-	-
88	KRYMCHANIN	CRIMEA	U	W	5	-	8.6	136.2	30.6	1.7	1.9	208.8	6.3	120.8	1.2	24.7	10.3	-	-
89	KRYMSKAYA ZHEMCHUZHINA	CRIMEA	V	T	1	7.6	-	103.8	20.4	1.3	1.8	289.6	5.9	220.8	3.6	18.6	7.3	-	-
90	KUMSHATSKII BELYI	RUSSIA	V	W	4	-	8.7	134.7	16.5	0.7	1.3	280.7	5.1	365.9	2.6	21.0	6.7	-	-
91	KUMSHATSKII CHERNYI	RUSSIA	V	W	6	-	8.6	145.5	28.3	0.6	1.2	155.0	4.7	246.8	2.4	16.4	6.5	-	-
92	KUNLEÁNY	HUNGARY	A	W	6	-	8.6	147.2	20.5	1.6	2.0	328.2	6.7	208.6	1.9	18.3	10.6	-	-
93	KUTUZOVSKII	MOLDOVA	U	T	7	7.7	-	155.8	19.9	0.7	1.3	328.6	7.9	435.4	4.9	16.2	8.2	445.7	2352.7
94	LAKHEGYI MÉZES	HUNGARY	U	W	4	-	8.6	126.9	16.2	1.0	1.5	188.4	2.8	197.7	2.2	19.9	7.0	-	-
95	LATSU KERE	DAGHESTAN	V	M	5	-	8.7	142.1	29.4	0.8	1.3	209.6	3.8	166.1	2.0	17.9	7.1	-	-
96	LEVOKUMSKIJ	RUSSIA		W	5	-	8.4	138.1	36.3	1.8	1.9	239.0	8.6	137.5	-	18.8	7.1	-	-
97	LIMBERGER	AUSTRIA	V	W	5	-	8.5	143.1	15.7	1.1	1.6	-	2.7	173.2	-	20.3	9.7	-	-
98	LUMINITSA	MOLDOVA	U	W	6	-	8.6	145.9	20.0	1.1	1.6	-	3.8	166.8	-	18.3	9.9	-	-
99	LYANA	MOLDOVA	U	T	4	7.7	-	133.7	14.7	1.0	1.5	268.9	3.3	279.2	4.3	17.8	7.0	190.0	1703.0
100	MAHBOR CIBIL	DAGHESTAN	V	W	5	-	8.5	140.8	25.1	0.5	1.3	153.3	4.3	266.3	-	19.2	6.8	-	-
101	MAKHROVATCHIK	RUSSIA	V	W	5	-	8.6	144.8	26.0	0.9	1.5	257.0	7.3	291.7	2.2	17.4	7.6	-	-
102	MECHTA	UKRAIN	V	T	3	8.0	-	124.8	14.3	0.5	-	-	1.7	218.0	2.1	17.2	7.2	-	-
103	MEDINA	HUNGARY	U	W	3	-	8.5	123.6	16.2	1.0	1.5	136.2	2.2	128.4	-	20.9	6.4	-	-
104	MEGHRABUYR	ARMENIA	A	M	5	-	8.5	140.4	18.0	1.1	1.6	414.0	7.8	365.8	-	22.2	7.3	-	-

105	MIRNYJ	UZBEKISTAN	V	T	6	8.4	-	146.0	10.1	0.6	-	-	3.8	539.0	9.9	16.5	10.0	-	-
106	MISKET PLEVENSKI	BULGARIA	V	T	3	7.5	-	117.0	15.9	0.7	-	-	2.7	262.8	3.6	18.1	7.5	-	-
107	MJASISTYJ ROZOVYJ	RUSSIA	V	T	2	7.2	-	111.8	16.5	0.7	-	-	1.9	203.1	2.5	19.1	7.5	-	-
108	MOLDOVA	MOLDOVA	U	T	6	7.7	-	147.1	14.7	0.9	1.5	319.9	5.4	348.1	5.0	17.3	9.8	402.1	2396.8
109	MOSKOVSKII USTOICHIVYI	RUSSIA	VAU	M	4	-	8.5	135.0	23.0	2.0	-	-	3.5	72.4	-	19.8	7.8	-	-
110	MARGVALI KURDZENI	GEORGIA	V	W	6	-	8.7	145.8	20.9	0.7	1.3	-	2.7	221.8	-	17.4	9.7	-	-
111	MSKHVILTVALA	GEORGIA	V	M	5	-	8.4	140.1	20.9	0.8	1.4	-	2.7	226.5	-	18.1	9.4	-	-
112	MUDZHURETULI	GEORGIA	V	W	5	-	8.5	140.2	16.9	1.1	1.6	81.8	1.6	73.3	-	21.5	10.0	-	-
113	MUROMETS	RUSSIA	A	T	3	7.6	-	118.7	25.7	0.8	1.3	231.5	6.7	281.6	3.9	17.0	7.5	299.2	1377.8
114	MUSCAT DE HONGRIE	HUNGARY	V	M	4	7.7	-	130.4	20.2	0.8	1.4	141.5	2.5	166.6	3.2	20.1	8.4	-	-
115	MUSCAT HAMBURG	UNITED KINGDOM	V	M	4	7.7	-	134.3	16.5	1.0	1.6	246.0	4.0	240.9	4.0	20.1	7.9	-	-
116	MUSHKETNYI	RUSSIA	V	M	5	-	8.6	137.2	24.9	0.7	1.4	136.2	3.7	189.1	3.3	18.1	7.3	-	-
117	MUSKAT DE KODRU	MOLDOVA	U	T	4	8.1	-	131.7	12.2	0.7	1.5	273.3	3.5	369.9	5.5	20.6	7.6	-	-
118	MUSKAT DERBENTSKII	DAGHESTAN	V	M	5	7.9	-	138.0	21.9	0.9	1.4	358.5	7.2	330.8	5.2	19.0	7.4	-	-
119	MUSKAT DONSKOI	RUSSIA	A	W	3	-	8.6	123.0	23.3	1.1	1.7	133.8	3.3	117.4	-	20.7	7.8	-	-
120	MUSKAT KUBANSKII	RUSSIA	V	M	2	7.6	-	112.5	21.7	1.5	1.6	-	4.5	232.1	3.0	18.6	5.6	-	-
121	MUSKAT SINIJ HRUSTJASHHIJ (8-1-19)	RUSSIA	-	T	3	7.7	-	121.3	13.9	0.6	1.1	-	2.1	272.5	4.5	18.6	7.0	-	-
122	MUSKAT TAIROVSKII	UKRAIN	V	T	3	7.6	-	118.8	17.2	0.9	-	-	2.9	193.4	3.1	18.4	6.4	-	-
123	MUSKAT YANTARNYI	MOLDOVA	V	T	1	7.9	-	105.2	11.4	0.9	1.5	206.3	2.0	220.0	3.0	18.1	6.8	-	-
124	NADEZHDA AZOS	RUSSIA	U	T	2	8.3	-	110.7	11.5	1.0	1.7	409.5	4.0	401.2	5.8	17.5	5.4	443.0	1724.0
125	NAKUTVNEULI	GEORGIA	V	W	6	-	8.5	150.0	18.6	1.0	1.5	286.8	5.0	237.6	2.0	18.6	11.2	-	-
126	NALBANDYANI	ARMENIA	A	W	5	-	8.5	139.1	21.0	0.9	1.4	172.8	4.4	291.4	-	17.5	7.8	-	-
127	NARODNYI	RUSSIA	V	T	3	7.3	-	118.0	18.4	1.1	-	-	3.6	226.7	3.2	19.0	7.3	-	-
128	NEKTAR	MOLDOVA	V	T	3	7.5	-	121.4	14.2	0.8	-	-	3.0	254.2	3.3	18.8	7.5	-	-
129	NEW YORK MUSCAT	USA	L	M	2	7.0	-	114.1	22.0	1.1	1.5	151.8	4.6	170.9	2.7	18.6	4.9	-	-
130	NOROK	MOLDOVA	V	W	5	-	8.6	145.5	20.8	1.0	1.7	253.0	3.9	176.4	1.8	21.0	9.6	-	-
131	NOVOST	RUSSIA	V	T	5	6.9	-	137.7	13.9	1.2	-	-	2.9	200.6	2.8	18.8	8.4	-	-
132	NOVOUKRAINSKII RANNII	CRIMEA	V	T	2	7.7	-	107.2	20.8	0.7	1.5	194.0	3.8	251.2	3.8	18.1	6.7	-	-
133	ODESSKII SOUVENIR	UKRAIN	V	T	4	8.1	-	126.0	19.4	0.9	1.4	273.0	6.4	311.6	3.8	19.6	7.2	-	-

134	OKTYABRSKII VIRA	UZBEKISTAN	V	T	7	6.6	-	157.1	15.7	0.3	-	-	1.7	274.8	5.1	18.0	12.5	-	-
135	ORIGINAL	UKRAIN	U	T	5	8.2	-	136.3	13.6	0.6	1.3	226.2	3.2	380.3	5.5	17.2	7.1	334.6	1825.5
136	OSENNII CIORNAI	MOLDOVA	U	T	5	8.3	-	144.0	16.6	0.8	1.3	384.4	6.5	503.0	6.7	16.3	10.1	-	-
137	OSOBYI	RUSSIA	V	T	2	7.8	-	108.3	18.2	0.5	1.2	153.7	2.9	301.0	3.5	17.3	6.6	331.8	1258.8
138	OVIDIOPOLSKII	UKRAIN	VAU	W	5	-	8.6	138.7	26.0	0.7	1.1	116.0	3.3	183.3	-	18.7	7.7	-	-
139	PAMJATI LAZAREVSKOGO	RUSSIA	V	T	2	8.4	-	109.6	16.9	0.7	1.4	321.8	6.3	433.5	6.2	16.6	7.1	-	-
140	PAMYATI KOTOVSKOGO	MOLDOVA	U	T	5	8.1	-	143.8	15.4	0.6	1.4	210.4	3.5	365.1	4.8	16.8	9.6	260.0	2244.0
141	PAMYATI VERDEREVSKOGO	MOLDOVA	U	T	5	8.0	-	143.2	13.7	0.9	1.4	353.4	5.3	399.8	5.6	18.6	7.4	381.2	2453.2
142	PEARL OF CSABA	HUNGARY	V	T	1	7.3	-	101.5	14.3	0.7	1.4	126.5	1.8	173.0	2.6	18.1	6.7	180.9	792.3
143	PERLA BOUKHARESTA	ROMANIA	V	T	3	6.9	-	121.3	24.0	0.8	1.6	-	5.2	209.7	2.5	17.0	9.1	-	-
144	PERLETTE	USA	V	T	2	8.3	-	109.8	18.1	0.3	1.2	106.4	2.2	325.7	1.9	19.1	6.2	-	-
145	PERVENEC SARATOVA	RUSSIA	V	T	2	7.4	-	114.6	12.3	0.4	1.2	160.5	2.4	482.0	3.1	17.7	8.0	-	-
146	PERVENETS DONBASSA	UKRAIN	V	M	2	7.1	-	113.5	17.5	0.6	-	-	1.1	125.2	2.2	23.2	6.4	-	-
147	PESTROTSVETNYI	RUSSIA	V	T	2	7.3	-	111.0	20.0	0.9	1.5	-	3.6	223.9	2.8	16.9	7.3	-	-
148	PINOT NOIR	FRANCE	V	W	5	-	8.6	139.6	23.1	0.9	1.7	126.0	2.1	78.8	-	22.4	8.2	-	-
149	PLATOVSKII	RUSSIA	U	W	2	-	8.5	105.8	19.0	1.4	1.6	290.5	5.9	200.7	-	22.9	6.6	-	-
150	PLAVAIE	ROMANIA	V	W	5	-	8.7	139.2	15.2	1.1	1.8	239.5	3.4	221.8	-	17.9	7.7	-	-
151	PLECHISTIK	RUSSIA	V	W	5	-	8.6	144.2	20.8	0.8	1.4	159.7	3.3	189.7	2.0	19.0	7.9	-	-
152	PLECHISTIK OBOEPOLYI	RUSSIA	V	W	6	-	8.7	145.4	22.4	0.9	1.5	186.4	3.9	204.0	2.2	19.0	7.0	-	-
153	PLEVEN	BULGARIA	V	T	3	8.0	-	117.1	12.9	0.7	-	-	2.1	310.2	4.9	17.1	6.7	-	-
154	PODAROK MAGARACHA	CRIMEA	U	W	5	-	8.7	141.0	18.1	1.4	1.8	170.6	3.2	117.4	-	19.4	8.7	-	-
155	POLAR	-		M	1	7.1	8.5	104.1	19.1	1.5	1.8	287.3	5.2	184.4	2.4	18.3	7.0	-	-
156	POLLUX	GERMANY	U	W	4	-	8.6	133.8	26.7	1.6	1.9	376.8	10.0	202.7	-	19.0	7.4	-	-
157	PREDGORNYYI	KIRGIZSTAN	V	T	5	8.0	-	141.4	14.4	0.6	-	-	2.7	342.7	5.5	18.7	8.9	-	-
158	PRIMA	UZBEKISTAN	U	T	2	7.5	-	111.7	15.3	0.6	-	-	2.1	315.8	4.3	16.6	6.0	-	-
159	PRIMYER	RUSSIA	V	T	1	7.0	-	99.6	17.5	0.4	1.2	-	1.2	156.5	2.0	17.0	5.1	-	-
160	PUHLJAKOVSKIY BELYI	RUSSIA	V	M	5	7.3	8.7	139.2	17.3	0.8	1.5	196.0	3.3	250.3	3.1	19.4	6.4	192.0	1308.0
161	PUHLJAKOVSKIY CHERNYI	RUSSIA	V	T	4	7.2	-	132.9	24.9	0.9	1.4	244.2	6.2	257.4	2.6	18.3	7.2	-	-

162	PUKHLIAKOVSKII MUSKATNYI	RUSSIA	V	T	5	7.6	-	140.1	14.7	1.1	1.5	264.5	3.8	249.7	3.3	19.9	7.7	-	-
163	REFORM	HUNGARY	U	M	2	6.7	-	110.9	26.7	1.2	1.5	154.3	5.4	152.4	-	18.2	7.3	155.6	548.8
164	RIESLING	GERMANY	V	W	5	-	8.8	141.7	14.1	1.2	1.6	129.2	1.8	106.6	1.4	19.7	10.0	-	-
165	RIESLING BULGARSKI	BULGARIA	V	W	5	-	8.6	143.8	17.9	0.9	-	-	2.9	182.4	1.4	20.6	8.4	-	-
166	RIESLING ITALICO	ITALY	V	W	5	-	8.8	137.8	16.0	1.0	1.7	186.6	2.4	142.4	1.3	21.3	8.1	-	-
167	RISLING MUSKATNYI	CRIMEA	V	W	5	-	8.6	137.8	21.4	1.6	1.8	242.0	5.3	165.7	-	21.2	8.8	-	-
168	RIZAGA	TURKEY	V	T	7	8.3	-	157.5	8.5	0.4	1.2	112.5	1.0	299.5	6.5	16.7	4.8	-	-
169	RKATSITELI	GEORGIA	V	W	6	-	8.7	147.5	17.1	0.6	1.2	127.2	2.4	193.1	2.3	18.8	11.2	-	-
170	RKATSITELI ROZOVYI	GEORGIA	V	W	6	-	8.5	146.2	18.5	0.8	1.3	270.0	3.0	221.6	-	18.7	11.3	-	-
171	ROMULUS	USA	L	T	3	7.0	-	118.1	19.3	1.1	1.6	175.7	3.3	155.2	1.5	20.5	8.3	113.4	601.5
172	RUBINOVYI MAGARACHA	CRIMEA	V	W	6	-	8.7	149.3	22.9	1.1	1.5	149.7	3.4	131.5	1.6	20.4	10.0	-	-
173	RUSBOL	RUSSIA+BULGARIA	U	T	3	7.8	-	118.6	15.2	1.1	1.6	315.6	5.1	328.0	1.9	17.1	7.4	115.8	620.9
174	RUSMOL	RUSSIA+MOLDOVA	U	T	6	7.9	-	147.4	13.0	0.7	1.3	486.3	8.1	587.3	7.2	15.0	8.9	441.0	1446.0
175	SAPERAVI KARTLIS	GEORGIA	V	W	5	-	8.5	138.9	22.0	0.7	1.2	112.3	2.5	146.7	-	20.2	8.2	-	-
176	SAPERAVI SEVERNYJ	RUSSIA	A	W	5	-	8.6	138.4	38.3	1.6	1.9	219.6	7.4	124.8	-	22.1	8.3	-	-
177	SARMAT	RUSSIA	A	W	5	-	8.5	139.4	34.9	0.8	1.1	163.0	4.9	185.3	-	18.2	9.0	-	-
178	SENECA	USA	L	M	4	7.3	8.3	129.8	31.1	0.9	1.2	449.7	10.1	388.2	5.0	18.8	6.7	-	-
179	SENSO	FRANCE	V	T	4	7.5	-	135.2	19.3	0.8	1.3	220.8	4.5	268.2	3.6	19.3	8.7	217.0	1111.5
180	SHAHTERSKIJ	RUSSIA	V	T	6	7.5	-	149.4	16.5	0.8	-	-	3.3	320.1	4.5	18.7	9.6	-	-
181	SHAMPANCHIK CIMLJANSKII	RUSSIA	V	W	5	-	8.6	130.6	29.9	1.4	1.8	158.8	5.0	115.9	1.1	19.5	10.3	-	-
182	SHAMPANCHIK-2	RUSSIA	V	W	4	-	8.7	144.5	21.9	0.7	1.4	85.2	2.0	115.8	0.9	24.4	8.8	-	-
183	SIBIRKOVYI	RUSSIA	V	W	4	-	8.7	132.7	16.4	0.8	1.5	128.8	2.2	169.1	2.2	19.5	6.4	-	-
184	SILNJAK	RUSSIA	V	W	6	-	8.6	147.3	27.7	1.6	1.8	269.0	7.2	163.7	1.4	18.8	10.0	-	-
185	SJURPRIZ	RUSSIA	V	T	5	7.8	-	139.6	19.4	0.8	-	-	4.5	314.0	4.3	19.1	8.3	-	-
186	SKORENSKIJ KRASNYJ	MOLDOVA	U	T	5	7.8	-	142.0	21.7	0.8	1.3	235.6	5.3	329.6	5.3	15.3	9.2	-	-
187	SLITNOJ	RUSSIA	V	W	5	-	8.5	145.0	23.3	1.0	1.5	182.4	4.2	186.7	2.3	19.3	8.8	-	-
188	SMEDEREVO MUSCAT	YUGOSLAVIA	V	T	5	8.4	-	136.3	11.5	0.5	1.2	20.6	2.2	380.8	6.8	17.8	7.2	-	-
189	STARYJ GORJUN	RUSSIA	V	M	5	-	8.5	139.1	24.3	0.5	1.1	151.6	3.6	287.4	2.9	20.8	6.9	-	-

190	STELLA	-	M	3	7.2	-	122.2	18.7	1.0	1.4	-	4.8	192.0	2.9	18.0	8.1	-	-	
191	STEPNJAK	RUSSIA	A	W	5	-	8.6	138.7	29.3	0.9	1.4	215.6	6.4	232.6	-	21.6	7.9	-	-
192	STEPNOJ AROMAT	RUSSIA	A	W	4	-	8.6	134.0	27.3	1.7	1.8	359.0	8.2	188.5	-	18.6	7.9	-	-
193	STEUBEN	USA	L	M	4	7.2	8.6	131.0	21.0	1.1	1.4	226.0	5.0	220.0	2.9	18.5	5.7	-	-
194	STRASHENSKII	MOLDOVA	U	T	4	7.9	-	135.3	8.0	0.7	1.7	183.0	2.5	452.5	7.0	16.2	9.0	-	-
195	SUPAGA	LATVIA	L	M	2	7.5	-	108.0	15.5	1.4	1.6	312.0	5.1	269.0	3.2	18.9	5.9	-	-
196	SUPER RAN BOLGAR	BULGARIA	V	T	2	8.1	-	107.3	13.5	1.3	1.4	161.0	2.0	258.0	4.4	17.5	5.9	-	-
197	SVERKHRANNII VOLGODONSKII	CRIMEA	A	T	2	7.5	-	110.7	18.8	0.7	1.3	-	2.9	227.4	4.1	15.7	9.0	-	-
198	SYPUN CHERNYI	RUSSIA	V	W	5	-	8.6	139.5	25.0	1.1	1.6	167.2	4.1	158.3	1.4	21.3	5.8	-	-
199	TAIR	UKRAIN	U	T	4	8.0	-	134.4	11.2	0.5	1.2	313.4	2.8	477.6	4.7	18.8	6.7	-	-
200	TAIROVSKII OGONEK	UKRAIN	U	T	3	8.0	-	121.6	17.7	0.5	1.4	213.3	3.1	385.0	4.7	17.5	7.1	239.0	1278.0
201	TANAI	RUSSIA	V	T	4	7.5	-	134.8	22.0	0.7	1.3	-	4.0	316.0	3.9	16,8	7.7	-	-
202	TASHKENTSKII	UZBEKISTAN	V	W	6	-	8.6	147.9	23.5	0.7	1.6	215.3	3.7	205.2	-	19.2	9.8	-	-
203	TASON	RUSSIA	V	T	1	8.4	-	103.4	16.5	0.9	1.5	324.5	5.7	363.3	4.4	17.5	5.4	-	-
204	TAVRIDA	CRIMEA	V	W	6	-	8.5	146.9	18.0	1.0	-	-	2.5	144.6	-	20.7	9.7	-	-
205	TAVRIYA	CRIMEA	V	T	2	8.0	-	112.0	17.1	0.5	1.2	180.3	2.4	267.4	4.9	16.7	7.3	-	-
206	TAVROSI	ARMENIA	A	W	4	-	8.6	128.5	18.7	1.3	1.5	277.9	5.5	222.8	1.4	21.5	8.4	-	-
207	TOMAJSKIJ	MOLDOVA	U	T	1	8.0	-	103.7	11.9	1.1	1.7	341.3	4.4	300.5	5.1	17.3	6.8	376.6	1459.6
208	TRAMINER ROSE	AUSTRIA	V	W	4	-	8.6	132.2	20.1	1.0	1.7	112.9	2.3	105.1	-	21.7	8.5	-	-
209	UKRAINKA-1	UKRAIN	V	T	2	7.7	-	113.9	19.2	0.7	-	-	2.9	274.9	3.6	18.4	6.0	-	-
210	UROZHAINYI	MOLDOVA	U	T	5	7.3	-	145.0	20.0	0.8	1.4	-	5.6	349.7	4.4	15.0	9.1	-	-
211	USTOJCHIVYI	RUSSIA	V	T	5	7.7	-	138.7	13.7	0.7	-	-	2.4	351.0	-	16.5	6.3	-	-
212	V-52-16	MOLDOVA	U	T	5	7.8	-	139.2	19.2	0.8	1.4	315.4	6.0	377.5	4.7	18.7	7.3	-	-
213	V-640.35	USA	L	M	4	7.9	-	130.3	24.0	1.6	1.7	612.0	13.9	305.5	4.2	17.4	6.5	-	-
214	V-72-58	MOLDOVA	U	T	6	7.7	-	145.9	16.5	0.9	1.4	300.8	4.8	343.0	5.1	16.8	9.6	476.6	2165.5
215	VARYOSHKIN	RUSSIA	V	W	5	-	8.6	140.8	19.7	0.7	1.3	179.9	3.9	238.9	2.2	22.0	8.5	-	-
216	VENUS	USA	L	T	2	8.1	-	111.3	24.9	1.1	1.4	203.1	5.9	167.9	1.9	19.1	7.8	-	-
217	VIERUL 59	MOLDOVA	U	T	5	8.0	-	141.0	16.6	0.7	1.6	219.0	3.9	331.3	4.4	19.5	7.8	242.3	2671.3
218	VIII2-2-48	MOLDOVA	U	T	4	7.8	-	132.8	17.8	0.9	1.3	328.0	4.9	252.1	3.1	18.8	8.4	-	-

219	VLOSH	ALBANIA	W	3	-	8.6	124.6	25.9	0.8	1.5	209.9	5.4	269.0	-	23.3	7.7	-	-
220	VNIIV BELYJ	RUSSIA	V	T	3	7.7	-	118.0	16.2	0.5	-	-	2.4	463.3	4.3	17.1	6.2	-
221	VOSTORG	RUSSIA	A	T	2	8.1	-	111.6	20.2	1.1	1.5	412.6	8.7	372.8	4.9	18.1	7.2	363.2 1785.0
222	VOSTORG CHERNYI	RUSSIA	A	T	4	7.9	-	127.7	23.1	0.6	1.1	-	8.4	482.0	5.7	15.7	8.2	-
223	YAI IZYUM BELYI	DAGHESTAN	V	T	1	7.3	-	102.0	23.3	0.4	1.1	83.0	2.0	192.0	2.0	18.4	5.3	-
224	YANTAR	UKRAIN	V	T	2	7.8	-	114.8	12.2	0.9	-	204.1	2.6	217.3	3.1	19.0	6.8	338.5 1117.5
225	YUBILEI MOLDAVII	MOLDOVA	U	T	5	7.9	-	145.3	17.5	0.9	1.4	262.0	4.6	334.3	5.9	18.0	9.2	-
226	YUBILEI ZHURAVLYA	MOLDOVA	U	T	5	8.3	-	138.4	12.7	0.9	1.3	283.0	3.5	302.9	5.9	18.8	7.6	-
227	ZALA DEND	HUNGARY	U	M	4	7.0	8.4	132.3	14.1	1.0	1.5	181.0	2.6	187.8	2.6	20.9	8.6	217.1 1037.2
228	ZARCHIN	YUGOSLAVIA	V	W	5	-	8.3	143.3	17.2	0.9	1.5	318.3	4.5	298.5	-	17.2	10.2	-
229	ZHGHIA	GEORGIA	V	W	6	-	8.5	147.1	17.1	1.1	1.8	-	4.2	325.8	-	18.6	12.1	-
230	ZOREVOI	RUSSIA	V	T	2	7.4	-	105.8	15.3	0.7	1.3	147.4	2.2	187.2	2.7	17.9	5.8	231.6 947.4
231	ZORKA	UKRAIN	V	T	2	7.4	-	114.5	17.1	1.0	-	-	5.3	273.2	3.0	17.9	6.6	-
232	ZVEZDNYI	MOLDOVA	U	T	3	8.2	-	117.1	12.8	0.7	1.5	250.4	3.3	285.6	5.4	21.0	5.8	-

Note: * V – *V. vinifera*; A – *V. vinifera* × *V. amurensis*; L – *V. vinifera* × *V. labrusca*; U – hybrids with several American species; VAU - European-Amur-American hybrids.

** T - table, W-wine, M – multipurpose.

*** 1 - ultra-early (up to 105 days); 2 - very early (106-115 days); 3 - early (116-125 days); 4 - mid-early (126-135 days); 5 - mid-ripening (136-145 days); 6 - mid-late (146-155 days); and 7 - late (156-165 days).

Table S2. The correlation coefficients between the tasting scores of fresh berries and wine of the "average variety" with agrometeorological indicators*.

№	Indicator	Fresh grapes scores		Wine scores	
		r**	p***	r	p
1	T in January	-0.033	0.840	0.341	0.141
2	T in February	0.244	0.135	0.306	0.190
3	T in March	0.425	0.007	0.045	0.852
4	T in April	0.291	0.072	0.092	0.700
5	T in May	0.165	0.316	0.208	0.378
6	T in June	0.493	0.001	0.148	0.534
7	T in July	0.475	0.002	0.250	0.288
8	T in August	0.665	0.000	-0.041	0.863
9	T in September	0.369	0.021	-0.117	0.624
10	T in October	0.168	0.306	-0.079	0.741
11	T in November	0.148	0.368	-0.035	0.884
12	T in December	0.087	0.600	-0.360	0.119
13	Precipitation in January	-0.061	0.714	-0.042	0.860
14	Precipitation in February	-0.326	0.043	-0.399	0.082
15	Precipitation in March	0.181	0.271	0.080	0.737
16	Precipitation in April	-0.111	0.500	-0.097	0.685
17	Precipitation in May	-0.080	0.630	-0.037	0.878
18	Precipitation in June	-0.295	0.068	-0.528	0.017
19	Precipitation in July	-0.175	0.286	0.083	0.728
20	Precipitation in August	-0.531	0.001	-0.611	0.004
21	Precipitation in September	0.006	0.970	-0.047	0.845
22	Precipitation in October	0.098	0.554	-0.206	0.383
23	Precipitation in November	0.017	0.919	-0.040	0.868
24	Precipitation in December	-0.160	0.329	-0.046	0.849
25	Date of transition to temperatures above 10°C in spring	-0.038	0.816	0.043	0.859
26	Date of transition to temperatures below 10°C in autumn	0.051	0.756	-0.049	0.837
27	Duration of the period with T above 10°C	0.060	0.718	-0.066	0.782
31	Total daily T above 10°C	0.488	0.002	0.164	0.490
28	GDD above 10°C (°C)	0.616	0.000	0.157	0.508
29	Precipitation over the period with T above 10°C	-0.382	0.016	-0.458	0.042
30	Average T above 10°C	0.655	0.000	0.108	0.649
32	HTC ₁₀	-0.443	0.005	-0.488	0.029
33	Date of transition to temperatures above 15°C	-0.115	0.486	0.037	0.876
34	Date of transition to temperatures below 15°C	0.021	0.900	-0.323	0.165
35	Duration of the period with T above 15°C (days)	0.096	0.563	-0.218	0.356
39	Total daily T above 15°C	0.475	0.002	0.012	0.961
36	DD above 15°C (°C)	0.640	0.000	0.149	0.530
37	Precipitation over the period with T above 15°C	-0.418	0.008	-0.476	0.034
38	Average T above 15°C	0.709	0.000	0.352	0.129
40	HTC ₁₅	-0.465	0.003	-0.460	0.041
41	Date of transition to temperatures above 20°C	-0.015	0.930	0.047	0.843
42	Date of transition to temperatures below 20°C	0.450	0.004	0.110	0.644
43	Duration of the period with T above 20°C	0.324	0.044	0.031	0.898
47	Total daily T above 20°C	0.681	0.000	0.183	0.440
44	DD above 20°C	0.683	0.000	0.215	0.362

45	Precipitation over the period with T above 20°C	-0.487	0.002	-0.731	0.000
46	Average T above 20°C	0.632	0.000	0.233	0.323
48	HTC ₂₀	-0.616	0.000	-0.662	0.001
49	Date of transition to temperatures above 25°C	-0.023	0.930	0.078	0.766
50	Date of transition to temperatures below 25°C	0.060	0.820	-0.200	0.441
51	Duration of the period with T above 25°C	0.050	0.848	-0.170	0.513
55	Total daily T above 25°C	0.330	0.196	-0.023	0.931
52	DD above 25°C	0.358	0.158	0.082	0.753
53	Precipitation over the period with T above 25°C	-0.022	0.909	-0.458	0.064
54	Average T above 25°C	0.542	0.025	0.128	0.625
56	HTC ₂₅	-0.591	0.012	-0.019	0.941
57	Duration of the period with T between 10-15°C in spring	-0.052	0.754	0.005	0.985
58	Duration of the period with T between 15-20°C in early summer	0.088	0.604	-0.148	0.559
59	Duration of the period with T between 15-10°C in autumn	-0.019	0.910	0.032	0.900
60	Duration of the period with T between 20-15°C in late summer	-0.311	0.061	-0.238	0.342

Note: * values that are significant at $p < 0.05$ are marked in bold;

** r – coefficient of correlation;

*** p – significance level.