

## Qualitätserhebung der Weizenernte 2022 / Recensement de la qualité de la récolte de blé 2022

### Resultate der Laboranalysen / Résultats des analyses de laboratoire

Sorte / Region Variété / Région	Jahr Année	Proteingehalt Teneur en protéines (%)	Feuchtkleber Gluten humide (%)		Quellzahl Indice de gonflement (ml)		Farinogramm Farinogramme			Extensogramm Extensogramme		Fallzahl Temps de chute (s)	Amylogramm Amylogramme	
			0'	30'	0'	30'	Wasseraufnahme Hydratation (%)	Resistenz Stabilité (min)	Konsistenzabfall Affaiblissement (BE)	Fläche Surface cm <sup>2</sup>	DW <sub>5</sub> / DB		Max. Viskosität Viscosité max. (AE)	Max. Temperatur Température max. (°C)
Runal / 5	<b>2022</b>	<b>14.8</b>	<b>36.1</b>	<b>37.4</b>	<b>15</b>	<b>11</b>	<b>62.0</b>	<b>17.4</b>	<b>40</b>	<b>208</b>	<b>2.8</b>	<b>321</b>	<b>1261</b>	<b>87.4</b>
	2021	12.3	29.1	31.7	18	14	59.0	4.1	47	179	3.4	306	907	80.6
	2020	14.1	36.9	39.6	18	14	62.4	8.8	39	117	2.3	409	1598	90.6
	2019	15.1	38.2	43.5	19	10	59.1	9.4	36	169	2.1	323	1462	86.5
	2018	14.3	39.3	41.8	16	15	64.5	7.3	66	95	1.3	314	1438	89.4
	2017	13.6	34.1	36.9	20	18	60.2	4.2	44	148	1.8	331	1472	86.1
	2016	14.5	37.0	40.7	22	14	61.7	8.1	46	147	1.8	338	1522	88.4
	2015	13.1	33.2	35.5	12	9	68.2	7.1	67	95	2.2	399	1510	90.6
	2014	11.8	26.7	28.3	26	18	64.5	2.3	93	120	2.5	318	856	78.0
	2013	13.2	30.5	33.5	21	13	68.4	3.1	96	88	1.9	362	1212	89.3
	2012	14.5	37.5	39.3	20	17	60.1	7.4	57	150	1.5	351	1342	87.5
2011	14.7	36.1	38.9	16	10	64.2	4.5	96	98	1.0	277	424	74.9	
CH Nara / 1	<b>2022</b>	<b>10.7</b>	<b>22.2</b>	<b>24.9</b>	<b>15</b>	<b>13</b>	<b>59.7</b>	<b>5.5</b>	<b>67</b>	<b>152</b>	<b>3.0</b>	<b>377</b>	<b>1354</b>	<b>89.3</b>
	2021	10.9	24.5	26.8	20	18	56.8	2.4	90	170	2.4	293	767	81.0
	2020	12.4	30.7	33.0	20	11	59.1	3.0	10	132	2.4	427	1186	89.9
	2019	11.8	26.8	29.9	26	20	56.6	2.5	13	143	3.0	421	1546	89.5
	2018	12.2	30.9	34.2	22	18	57.0	5.7	21	137	1.9	423	1287	89.5
	2017	11.8	27.5	30.4	23	19	56.3	2.3	64	155	2.5	378	1151	87.0
	2016	12.5	29.2	36.3	24	19	57.3	2.3	27	149	2.1	379	1105	87.8
2015	11.0	24.2	28.3	23	19	62.6	2.1	69	100	2.7	442	1167	87.9	

CH Nara / 2	<b>2022</b>	<b>12.1</b>	<b>26.8</b>	<b>29.4</b>	<b>17</b>	<b>13</b>	<b>58.2</b>	<b>36.5</b>	<b>0</b>	<b>170</b>	<b>2.5</b>	<b>376</b>	<b>1107</b>	<b>88.6</b>
	2021	11.5	25.8	28.3	18	11	55.3	2.8	71	182	2.6	284	472	76.8
	2020	12.5	30.9	34.7	22	15	59.2	33.2	33	156	2.6	425	1445	91.0
	2019	12.5	29.2	32.6	27	14	55.6	2.5	9	160	2.5	391	1300	87.9
	2018	13.1	33.2	38.4	21	15	59.0	7.6	42	123	1.3	425	1314	89.5
	2017	12.3	28.8	32.7	23	17	57.2	2.8	57	133	1.7	377	989	84.8
	2016	13.0	30.8	36.5	23	18	58.0	4.2	18	159	1.9	383	1031	86.6
2015	12.0	27.3	32.4	24	20	60.1	3.1	28	121	2.2	489	1542	90.5	
CH Nara / 4	<b>2022</b>	<b>11.6</b>	<b>28.6</b>	<b>28.7</b>	<b>17</b>	<b>12</b>	<b>56.7</b>	<b>12.4</b>	<b>50</b>	<b>180</b>	<b>2.9</b>	<b>360</b>	<b>1089</b>	<b>88.3</b>
	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	2020	13.1	31.9	35.4	18	15	58.9	32.7	30	153	2.2	424	1477	91.6
	2019	12.9	30.7	35.6	23	14	56.3	2.4	14	158	2.3	382	1151	88.9
	2018	13.0	31.5	35.2	22	17	58.9	3.2	33	151	1.9	402	1109	87.0
	2017	12.8	30.2	33.7	23	19	57.0	3.5	37	148	1.9	360	1079	86.6
	2016	13.5	32.1	35.1	23	16	57.4	3.1	34	157	2.0	433	1183	88.1
CH Nara / 5	<b>2022</b>	<b>13.0</b>	<b>30.3</b>	<b>25.8</b>	<b>18</b>	<b>16</b>	<b>57.9</b>	<b>19.6</b>	<b>0</b>	<b>216</b>	<b>3.7</b>	<b>393</b>	<b>1492</b>	<b>90.8</b>
	2021	11.1	25.9	26.6	19	18	54.7	2.5	73	175	2.6	285	455	78.1
	2020	13.5	32.8	36.9	20	15	59.8	29.1	36	151	2.3	441	1538	92.3
	2019	13.5	32.3	36.8	20	13	55.8	10.2	23	142	2.0	380	1235	87.0
	2018	13.0	34.2	39.1	21	15	60.0	8.5	31	111	1.3	403	1150	88.1
	2017	13.0	31.3	36.7	24	17	58.0	3.6	36	131	1.7	385	1092	87.4
	2016	12.9	31.6	33.7	22	19	56.1	2.2	8	163	2.3	410	1429	89.6
2015	12.4	29.6	32.7	26	16	64.1	12.4	-	127	2.6	476	1560	91.6	
CH Nara / 6	<b>2022</b>	<b>11.9</b>	<b>28.3</b>	<b>31.8</b>	<b>19</b>	<b>15</b>	<b>58.4</b>	<b>18.8</b>	<b>33</b>	<b>168</b>	<b>3.6</b>	<b>389</b>	<b>1229</b>	<b>90.4</b>
	2021	11.5	25.2	29.5	19	11	55.5	1.9	70	130	2.4	274	466	76.8
	2020	12.6	30.6	33.7	18	16	59.3	30.9	29	169	2.9	427	1385	91.0
	2019	12.9	30.2	33.5	24	16	56.0	19.2	25	171	2.5	378	1153	89.3
	2018	13.2	32.4	36.2	22	15	58.3	6.2	22	152	1.7	381	1036	86.6
	2017	13.0	31.3	36.7	24	17	58.0	3.6	36	131	1.7	402	1319	88.1
	2016	12.7	29.1	32.8	25	24	57.4	3.4	23	151	2.3	426	1271	88.6

Montalbano / 1	2022	11.4	27.2	27.5	14	12	59.4	8.0	62	127	3.2	414	1605	92.6
	2021	11.0	26.0	26.4	18	13	55.8	2.3	63	99	1.7	297	636	83.3
	2020	11.5	29.5	31.4	13	12	57.0	4.1	75	134	2.8	394	1599	93.8
Montalbano / 2	2022	12.5	30.4	31.7	14	10	58.2	12.1	50	152	2.4	360	1703	92.8
	2021	11.9	26.2	28.2	16	10	55.2	3.7	41	188	2.5	313	780	83.3
	2020	12.3	31.6	34.3	15	11	56.7	6.1	49	132	2.6	428	1856	93.8
Montalbano / 4	2022	11.7	31.3	28.4	12	9	57.8	11.2	61	170	2.9	440	1693	91.6
	2021	12.1	29.3	30.4	17	11	54.6	2.9	42	166	2.7	307	621	83.4
	2020	12.7	33.7	35.9	15	11	57.9	7.2	42	131	2.5	405	1977	93.9
Montalbano / 5	2022	13.8	34.8	35.6	10	10	59.9	21.0	47	195	2.6	393	1700	90.0
	2021	11.9	27.5	30.4	17	11	55.6	7.2	30	173	2.7	334	920	87.6
	2020	12.7	33.7	35.9	15	11	57.9	7.2	42	131	2.5	405	1977	93.9
Montalbano / 6	2022	12.8	33.8	35.5	11	10	59.1	17.7	46	184	2.7	386	1843	92.4
	2021	11.4	27.8	28.4	13	15	55.3	1.5	70	154	2.9	296	661	81.1
	2020	11.8	30.7	32.7	17	11	57.6	5.5	47	129	2.7	443	1939	91.8
Arina / 4	2022	11.9	30.7	30.4	10	9	59.7	6.6	103	101	2.2	341	614	85.9
	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	2020	13.0	36.2	37.3	10	7	59.1	4.2	62	87	1.6	396	1349	92.4
	2019	13.2	35.2	41.4	11	8	56.9	4.3	75	102	1.8	342	1021	89.0
	2018	12.8	39.2	42.8	10	9	59.7	3.5	95	74	1.2	373	944	88.1
	2017	13.2	34.9	37.9	10	10	58.5	3.9	92	92	1.3	349	1032	87.8
	2016	13.2	35.2	37.6	15	10	58.4	4.4	73	87	1.5	386	1102	88.4
	2015	12.2	32.5	37.2	10	9	64.3	4.1	74	86	2.1	433	1160	91.5
	2014	12.0	29.5	30.8	15	13	61.3	2.5	101	86	1.6	309	443	80.3
	2013	12.3	30.8	32.4	18	14	60.1	3.3	96	83	1.7	402	1294	92.1
	2012	13.9	37.7	39.9	12	8	58.7	4.1	83	81	1.1	415	809	87.8
	2011	13.5	33.8	37.1	12	10	60.3	3.8	102	67	1.0	275	313	79.5
	2010	14.0	36.0	38.4	14	10	60.2	3.8	103	81	1.1	358	744	87.7
	2009	13.3	29.6	31.6	17	11	60.4	3.7	77	93	1.5	324	737	88.1
	2008	13.8	34.7	37.7	13	8	59.8	3.4	103	90	1.3	334	527	82.7
2007	14.3	34.3	37.9	13	8	61.6	4.4	113	68	0.9	269	342	77.1	
2006	14.5	35.0	36.5	13	9	61.8	4.7	77	73	1.2	374	1117	91.0	

Forel / 5	<b>2022</b>	<b>11.5</b>	<b>27.1</b>	<b>24.7</b>	<b>20</b>	<b>19</b>	<b>61.7</b>	<b>5.9</b>	<b>93</b>	<b>147</b>	<b>2.8</b>	<b>372</b>	<b>1257</b>	<b>90.1</b>
	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	2020	12.0	27.9	31.8	23	20	60.2	2.3	63	146	3.1	398	1605	82.8
	2019	12.7	31.5	33.4	23	15	56.4	2.7	59	162	2.3	301	615	78.3
	2018	12.3	30.5	32.5	19	14	62.6	2.4	73	110	2.2	400	1271	90.3
	2017	12.2	29.1	31.9	22	22	60.0	2.2	84	142	2.4	339	939	86.4
	2016	13.0	29.8	33.3	24	23	59.2	2.5	72	116	2.3	418	1374	89.8
	2015	11.1	24.1	27.3	22	21	68.6	2.2	98	97	3.2	468	1740	92.6
	2014	11.1	25.5	26.7	25	20	65.2	2.4	94	91	3.1	308	405	77.8
	2013	11.7	27.0	28.1	21	15	66.9	2.2	102	81	2.8	416	1150	91.3
2012	13.2	29.7	33.2	28	20	59.8	2.6	55	137	2.0	370	1412	90.3	
Forel / 6	<b>2022</b>	<b>11.3</b>	<b>27.2</b>	<b>26.7</b>	<b>19</b>	<b>17</b>	<b>60.2</b>	<b>8.1</b>	<b>95</b>	<b>114</b>	<b>2.3</b>	<b>310</b>	<b>414</b>	<b>80.5</b>
	2021	10.2	20.4	26.5	18	15	58.9	1.7	139	129	3.0	263	370	73.4
	2020	12.4	30.4	32.9	22	16	61.1	2.7	51	142	2.7	412	1626	88.8
	2019	12.2	28.6	31.4	22	18	57.6	2.0	101	121	2.7	297	456	76.3
	2018	12.4	30.7	33.6	20	18	62.2	2.4	83	124	1.9	372	942	87.0
	2017	12.1	28.8	31.2	22	21	59.0	2.3	79	137	2.7	418	1228	89.1
	2016	12.6	31.5	33.2	23	22	59.6	2.5	69	144	2.6	422	1417	90.1
	2015	11.2	25.4	28.4	23	20	68.8	2.1	103	94	3.2	462	1668	91.8
	2014	10.8	23.9	25.0	24	21	64.0	1.5	121	101	3.1	316	509	79.9
	2013	11.8	27.6	28.7	23	19	61.4	2.3	89	114	2.4	415	1551	93.4
	2012	12.2	27.6	30.0	25	18	58.8	2.3	72	128	1.8	363	1109	86.1
2011	12.9	28.5	31.2	22	18	62.7	3.1	79	111	1.6	347	579	84.9	

Hanswin / 1	2022	10.5	23.7	24.7	15	11	55.3	5.1	83	126	2.9	365	914	87.6
	2021	10.0	21.8	23.4	22	14	52.5	2.2	117	149	2.6	246	465	76.8
	2020	11.0	27.3	29.7	16	15	56.7	4.8	72	122	2.1	342	653	87.0
	2019	10.7	24.5	27.8	19	17	54.2	2.1	77	108	2.4	353	930	87.3
	2018	10.8	25.8	28.7	20	17	55.4	2.3	68	91	2.1	360	914	87.0
Hanswin / 2	2022	11.0	26.4	27.0	14	11	55.3	7.3	88	143	2.5	301	508	82.5
	2021	10.2	23.5	24.4	15	14	51.7	2.0	98	131	2.1	253	356	74.0
	2020	11.7	29.6	32.0	18	9	56.0	6.2	67	120	2.0	371	961	89.3
	2019	11.1	25.9	29.5	18	13	52.7	2.3	78	109	2.1	314	766	81.0
	2018	11.4	30.6	34.4	15	14	58.3	5.3	107	87	1.1	354	859	87.0
Hanswin / 4	2022	11.0	26.9	27.3	17	11	54.9	8.3	88	118	2.8	325	510	83.3
	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	2020	12.0	29.8	32.9	17	13	56.9	6.4	58	123	1.9	377	1106	90.3
	2019	12.0	28.4	31.4	20	12	54.4	2.4	52	144	2.2	313	634	81.3
	2018	11.7	30.2	32.8	18	14	58.9	4.0	113	103	1.5	300	375	76.9
Spontan / 1	2022	10.7	23.8	24.4	16	14	61.0	3.2	114	117	2.9	357	1172	89.4
	2021	9.9	21.8	23.3	17	14	55.0	2.2	104	124	3.7	276	711	78.0
	2020	10.0	24.6	26.9	18	13	57.6	1.8	110	91	2.8	308	367	84.6
Spontan / 2	2022	11.5	28.9	28.6	14	10	59.0	6.9	86	121	3.0	346	881	87.3
	2021	10.7	24.8	28.8	18	12	56.0	3.0	80	148	3.5	298	447	79.5
	2020	11.0	28.3	30.2	17	12	57.5	2.2	68	107	3.2	370	941	87.9
Spontan / 4	2022	12.0	29.5	30.2	14	13	59.2	8.6	67	116	2.8	374	996	87.9
	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	2020	11.0	28.2	30.6	16	14	58.0	2.2	65	107	2.8	392	1226	90.9
Spontan / 5	2022	13.0	34.1	34.6	14	13	61.2	14.1	46	165	2.2	384	1419	91.1
	2021	10.7	24.0	26.4	23	17	57.4	1.7	103	153	3.2	314	480	81.9
	2020	12.0	31.2	33.4	18	12	58.6	2.9	43	111	3.0	377	1348	91.5
Spontan / 6	2022	10.8	28.1	31.2	15	11	59.8	8.1	77	121	2.0	362	973	88.5
	2021	11.0	24.9	27.6	20	12	55.2	3.6	69	146	3.2	285	533	78.9
	2020	11.3	29.1	31.0	20	12	58.3	2.3	65	109	2.9	401	1230	90.5

	2022	11.8	28.7	29.2	15	12	58.4	12.3	61	152	2.8	370	1208	88.9
	2021	11.0	25.1	27.3	18	13	55.2	2.3	77	152	2.8	288	570	79.5
	2020	12.1	30.4	33.2	18	14	58.5	12.8	51	132	2.5	399	1228	89.8
	2019	12.6	30.1	33.8	21	15	56.6	5.3	47	140	2.4	356	1070	85.7
	2018	12.7	32.3	36.0	21	16	59.9	5.3	52	121	1.7	390	1117	87.7
	2017	13.0	29.8	33.2	22	18	58.4	3.1	63	135	2.1	323	1150	87.0
	2016	12.9	32.0	34.8	21	17	59.1	4.6	54	125	2.0	388	1314	88.9
	2015	11.7	27.6	30.9	20	16	65.4	3.2	74	96	2.7	432	1425	90.6
	2014	11.1	24.5	26.2	23	19	63.3	2.1	116	95	2.3	294	513	75.8
	2013	12.2	28.5	30.4	19	13	62.9	2.8	97	94	2.3	375	1135	89.8
	2012	13.1	31.7	33.9	21	16	59.0	4.1	70	122	1.8	371	995	87.0
	2011	12.9	32.4	34.4	19	14	62.0	4.1	76	99	1.4	335	514	82.9
	2010	12.8	33.0	37.0	21	14	60.8	4.7	81	90	1.2	367	990	89.9
	2009	12.1	28.5	30.8	20	15	60.5	3.5	64	117	1.7	341	848	89.0

**Legende der Regionen / Légende des régions**

- 1 Genferseebecken, vom Kanton Genf bis Lausanne; bassin lémanique, du canton de Genève à Lausanne
- 2 Gros de Vaud, Broye, Ufer des Neuenburger-sees, Ajoie; Gros-de-Vaud, Broye, rives du lac de Neuchâtel et Ajoie
- 4 Mittelland – Talzone, von Murten bis Brugg; Plateau – zone de plaine, de Morat à Brugg
- 5 Mittelland – Hügelzone, von Romont bis Zug; Plateau – zone de colline de Romont à Zug
- 6 Basler Rheintal und Ostschweiz (Teile der Kantone ZH, SH, TG, SG); Basler Rheintal et Suisse orientale (partie des cantons de ZH, SH, TG, SG).

Bern, 15.11.2022