

Composition of the Ash of twenty-six different Specimens of the Grain of Wheat.

No. of Specimens.	Variety.	Soil.	Ash per Cent.	Silica.	Phosph. Acid.	Sulph. Acid.	Carb. Acid.	Lime.	Magnesia.	Perox. Iron.	Potash.	Soda.	Chloride of Sodium.
2	Hopeton.....	Stonebrash.....	1.81	2.84	47.00	0.24	0.23	3.20	12.71	0.60	33.15		
10	Ditto.....	Calcareous brash and clay,	1.51	1.41	46.18	0.48		2.82	13.99	0.00	33.00	2.07	
11	Spalding.....	Calcareous.....	1.81	2.23	48.21	0.11	0.22	2.88	11.06	0.23	29.76	5.26	
12	Hopeton.....		1.48	5.91	41.22	1.91		4.29	13.57	1.36	27.06	4.08	0.55
26	Creeping Wheat...	Clay and sand.....	1.73	5.32	46.49	0.61		1.50	12.35	0.22	31.18	2.42	
27	Ditto.....	Ditto.....	1.65	2.55	45.64	1.55		6.76	13.06	0.11	28.89	1.40	
28	Ditto.....	Calcareous rubble.....	1.71	1.34	48.53			3.72	12.74	1.40	30.94	1.28	
29	Red-Straw White..	Loam (green-sand).....	1.70	9.71	40.91	0.08	0.16	1.45	9.53	3.34	31.00	2.54	0.34
30	Hopeton.....	Loam.....	1.56	2.28	45.73	0.32		2.06	10.94	2.04	32.24	4.06	0.27
31	Hopeton.....	Flint and chalk.....	1.63	4.43	45.30	0.59		1.83	12.43	1.76	29.92	6.08	0.64
34	French Wheat.....		1.55	3.05	43.47	0.35		3.47	13.94	0.97	32.39	2.32	
35	Egyptian Wheat...		1.97	4.97	41.03	0.18		4.34	11.12	1.18	36.60	0.53	
36	Odessa.....		1.50	4.48	45.80			3.17	14.28	0.89	30.30	1.00	
37	Marianople.....		1.70	4.00	34.44	0.24		2.05	14.09	trace	35.77	9.06	
38	Hopeton.....	Silicious sand.....	1.61	4.23	39.97	0.15		1.32	13.26		36.43	4.62	
39	Ditto.....	Stiff clay.....	1.63	3.05	47.33			4.43	9.32	0.35	32.05	3.38	
40	Ditto.....	Sandy.....	1.71	5.63	43.98	0.21		1.80	11.69	0.29	34.51	1.87	
41	Ditto.....	Clay.....	1.69	3.69	49.22	0.18		2.51	12.38	0.08	30.32	0.07	1.60
42	Ditto.....	Silicious sand.....	1.76	3.29	44.44			8.21	9.67	0.08	32.14	2.14	
43	Red-Straw White..	Silicious sandy loam.....	1.72	2.14	49.58	0.60		3.27	13.75	0.23	29.75	0.64	
44	Ditto.....	Ditto.....	1.73	2.63	47.44			3.39	14.05	0.67	29.91	1.87	
45	Ditto.....	Calcareous (carboniferous).	1.61	2.76	47.38	0.07		6.87	11.46	0.07	30.13	1.25	
46	Ditto.....	Clay loam.....	1.60	3.89	46.79			1.15	13.39	0.91	30.02	3.82	
47	Ditto.....	Calcareous and silicious } sand and clay.....	1.90	2.17	46.61	0.44		5.05	14.22	0.09	29.17	2.20	
48	Ditto.....	Magnesian clay.....	1.73	2.05	46.99	0.24		6.78	12.76	2.32	26.70	2.12	
50	White Wheat.....	Chalk.....	1.84	5.46	40.57	0.32		3.21	9.56	2.06	34.26	4.53	