

TABLE 2.—Characteristics and yields of forty-eight varieties of winter wheat grown for five years in succession.

VARIETIES. Arranged in order of their average yield of grain per acre as given in the last column of the table.	Heads bearded or bald.	Grain red or white.	Results for 1898.			Average results for 5 years.						
			Per cent. of crop lodged.	Weight per mea- sured bushel.	Yield of grain per acre (bu. 60 lbs.).	Date of maturity.	Height of crop.	Per cent. of crop lodged.	Per cent. of rust.	Weight per mea- sured bushel.	Yield per acre.	
											Straw.	Grain (bu. 60 lbs.).
				lb.	bu.	July	ins.			lb.	tons	bu.
1. Dawson's Golden Chaff...	Ba	W	65	61.6	49.2	18	47.6	17	26	59.7	3.4	52.6
2. Early Genesee Giant...	Be	W	45	61.5	43.2	19	49.7	19	30	59.8	3.4	48.7
3. Egyptian...	Be	R	80	62.4	42.5	19	47.9	42	13	60.0	3.5	46.6
4. Imperial Amber...	Be	R	50	62.7	47.7	18	48.7	42	12	59.8	3.8	48.5
5. Early Red Clawson...	Ba	R	88	59.2	39.9	18	47.2	41	29	58.9	3.3	48.5
6. Reliable...	Be	R	75	62.3	43.8	19	48.8	44	10	61.2	3.7	48.0
7. Golden Drop...	Be	R	85	61.8	38.5	18	47.5	39	25	61.2	3.8	48.0
8. Russian Amber...	Be	R	50	62.4	41.5	19	47.5	39	12	60.9	3.4	46.7
9. Egyptian Amber...	Be	R	40	63.9	47.8	18	48.7	41	9	61.4	3.7	45.3
10. American Bronze...	Ba	R	20	62.6	42.3	19	49.5	4	36	60.1	3.1	44.8
11. Poole...	Ba	R	10	63.8	44.1	18	47.1	33	13	60.9	3.2	44.7
12. Tasmania Red...	Be	R	75	63.4	38.9	18	45.8	58	15	61.6	3.4	44.4
13. Early Ripe...	Ba	R	40	63.1	41.9	18	48.1	33	17	61.2	3.3	43.8
14. Tuscan Island...	Be	R	40	63.4	45.5	18	48.8	45	24	60.6	3.1	42.6
15. Rudy...	Be	R	25	63.7	47.1	17	46.9	32	19	60.6	3.2	42.6
16. Red May...	Ba	R	25	65.0	45.8	18	47.1	29	12	62.2	3.1	42.5
17. Arnold's Hybrid...	Be	W	25	65.1	45.8	17	47.7	28	12	61.8	3.1	42.4
18. Bulgarian...	Be	R	45	62.1	40.3	20	49.7	26	19	60.2	3.0	42.3
19. Pride of Genesee...	Be	R	15	64.6	46.1	19	49.9	30	15	60.8	3.2	42.1
20. Emporium...	Ba	R	25	63.6	42.1	20	50.7	35	9	59.8	3.5	41.9
21. Siberian...	Ba	R	40	64.1	38.6	20	48.1	37	13	61.8	3.2	41.5
22. Stewart's Champion...	Ba	W	45	61.0	36.6	20	50.3	18	22	59.0	3.3	41.4
23. Red Velvet Chaff...	Ba	R	45	61.6	34.6	19	47.9	30	29	58.8	3.4	41.3
24. Zimmerman...	Ba	R	15	64.4	46.7	18	46.8	22	14	61.4	3.8	41.2
25. Standard...	Ba	W	60	60.3	33.1	20	46.8	20	25	58.5	3.2	41.1
26. Geneva...	Be	R	30	64.5	37.7	17	46.2	40	10	62.4	3.2	41.0
27. Bissell...	Be	R	35	64.8	39.4	17	46.0	46	9	61.6	3.0	40.8
28. New Columbia...	Ba	R	12	63.8	39.4	17	46.5	50	15	59.4	3.0	40.6
29. McPherson...	Ba	R	10	65.5	41.9	16	47.4	27	13	62.1	3.0	40.3
30. Bonnell or Landreth...	Ba	W	55	59.9	35.3	20	49.3	24	24	58.4	3.1	40.2
31. Golden Tankard...	Be	R	35	64.0	42.6	17	40.2	42	20	60.8	3.7	39.8
32. Longberry Red...	Be	R	92	61.8	38.3	19	47.7	63	10	60.8	3.5	39.8
33. Golden Cross or Volunteer...	Be	R	50	61.5	35.5	21	48.8	75	24	59.5	3.3	39.5
34. Andrew's No. 4...	Be	H	20	66.0	41.5	20	50.0	26	23	60.1	3.2	39.3
35. Kentucky Giant...	Be	R	60	63.1	41.3	20	48.0	41	15	60.0	3.0	39.8
36. Hindostan...	Be	R	65	64.0	45.1	20	45.7	42	28	61.1	3.1	37.7
37. Soules...	Ba	W	45	60.5	34.0	20	49.2	18	23	57.8	2.9	37.5
38. Simcoe Red...	Be	R	5	63.1	41.9	17	49.6	16	19	59.2	3.2	37.5
39. Treadwell...	Ba	W	35	62.5	41.9	19	49.1	15	16	60.1	3.2	37.3
40. Jones' Winter Fife...	Ba	R	75	59.9	30.1	19	47.3	33	19	58.7	2.7	37.0
41. Currell...	Ba	R	35	64.6	48.1	17	47.2	36	18	61.3	3.0	37.0
42. Turkish Red...	Be	R	45	64.6	43.8	18	42.4	44	10	61.5	2.5	36.8
43. Fenquit's Velvet Chaff...	Be	R	20	64.8	37.4	18	47.0	17	29	61.7	2.7	36.1
44. Velvet Chaff...	Be	R	45	63.1	32.7	17	44.8	14	22	62.5	2.4	36.0
45. Surprise...	Ba	W	60	58.9	31.7	20	49.3	20	24	57.5	2.5	35.6
46. Early White Leader...	Ba	W	75	58.4	32.4	22	46.7	21	26	56.1	2.4	35.8
47. Jones' Square Head...	Ba	W	80	60.8	37.3	19	47.6	21	27	57.9	2.4	35.2
48. Bullard's Velvet Chaff...	Ba	R	75	62.0	37.8	21	48.6	24	25	60.4	2.6	31.9

TABLE 3:—

Arranged in
of grain per
given in
of

49. Gold Co.
50. Silver I.
51. White C.
52. Pedigree
53. Oregon
54. Forty E
55. Zereña
56. Early A
57. Longber
58. Harvest
59. Johnson
60. Red W
61. Red Cr
62. Mac. G
63. Bearded
64. Diamon
65. Prize T
66. Buda P
67. Nonpari
68. Oh's St
69. Queen M
70. White C
71. Michiga
72. Eastman
73. World's
74. Bailey.
75. Diamon
76. Wlacon
77. Russian
78. French
79. Canada
80. Hunter's
81. White E
82. Mealy..
83. Beattie's
84. Roberts
85. Early O
86. Long A
87. German
88. Silver S
89. Pride of
90. Amherst
91. Murray's
92. Kalina.