

Supplemental Table 2. List of the 152 non-glutinous Japanese rice cultivars, and their evaluation scores for endosperm enzyme activities and eating-quality traits in 2014. Each cultivar is classified in accordance with the items specified in the footnotes.

Classification			Endosperm enzyme activity										Cooked Rice Taste Analyzer										Tensipresser																
Accession name	NIAS Core Collection No. ^a	Landrace/Improved cultivar ^b	Year of development ^c	α-amylase	β-amylase	α-glucosidase	α-mannosidase	α-galactosidase	β-galactosidase	β-glucanase	β-xylanase	Protein content	Amylose content	Eating quality	Appearance	Hardness	Stickiness	Balance degree	Hardness HI	Stickiness s S1	Adhered mass L3	Adhesive mass A3	Starch degree	Starch degree	Starch degree	Hardness ss H2	Stickiness ss S2	Adhered mass L6	Adhesive mass A6	Starch degree	Starch degree	Starch degree	Sample thickness	Tenderness	Pliability	Toughness	Brittleness	Days to heading	
				(U/g)	(U/g)	(U/g)	(U/g)	(U/g)	(U/g)	(U/g)	(U/g)	(%)	(%)	(-)	(-)	(-)	(-)	(-)	(-)	(N/m ² × 10 ³)	(N/m ² × 10 ³)	(mm)	(N/m ² × 10 ³)	(-)	(-)	(-)	(N/m ² × 10 ³)	(N/m ² × 10 ³)	(mm)	(N/m ² × 10 ³)	(-)	(-)	(-)	(mm)	(N/m ² × 10 ³)	(-)	(N/m ² × 10 ³)	(-)	(days)
Aichiasahi	JRC52	Landrace	-	1	295.1	37.1	88.0	135.0	229.9	212.1	191.3	18.4	7.1	16.1	65.0	5.7	6.9	6.2	5.8	98.5	27.7	0.86	0.91	0.28	1.48	0.39	24.3	0.53	1.91	24.0	0.23	0.91	0.19	2.35	52.4	1.00	78.4	2.77	115
Aichinokori	-	Improved	1987	5	315.7	55.3	117.1	161.7	273.0	234.0	211.3	26.1	7.2	15.4	67.0	6.0	6.7	6.3	6.1	91.7	19.6	0.74	0.61	0.22	1.37	0.23	22.6	0.19	0.63	0.17	2.19	63.4	1.09	90.5	2.32	117			
Aikoku	JRC26	Landrace	-	1	322.2	44.9	98.4	216.5	293.9	250.7	214.3	34.9	7.9	13.9	73.0	7.1	6.1	6.9	7.1	84.7	17.8	0.77	0.62	0.21	1.32	0.29	22.6	0.55	1.45	22.1	0.26	0.68	0.20	2.38	44.3	1.05	64.5	2.36	99
Akanoe	JRC17	Landrace	-	1	127.6	20.6	40.3	204.6	204.6	114.5	127.0	14.3	-	-	53.0	4.4	7.2	3.1	3.9	83.1	10.8	0.61	0.29	0.13	1.04	0.14	18.6	0.41	1.22	15.3	0.23	0.57	0.16	2.44	14.3	0.63	18.3	5.93	70
Akanezora	-	Improved	1991	5	355.7	86.6	145.1	161.7	352.3	333.6	199.1	23.8	7.0	15.5	87.3	9.3	4.8	8.9	9.2	35.3	10.2	2.38	0.94	0.29	0.74	1.21	13.0	0.40	3.43	16.8	0.31	1.89	0.32	20.3	11.2	0.63	5.5	4.45	122
Akibare	-	Improved	1953	3	165.1	15.9	51.8	115.3	150.4	114.1	143.1	8.1	6.7	15.2	65.7	5.8	6.9	6.2	5.9	96.2	18.2	0.66	0.55	0.19	1.25	0.25	24.0	0.44	1.31	22.9	0.19	0.68	0.19	2.15	65.1	1.06	92.6	2.69	115
Akikhari	-	Improved	1962	4	212.3	19.5	63.3	139.1	221.5	131.5	141.0	12.6	-	-	51.0	3.5	8.0	4.0	3.6	86.8	23.7	0.79	0.75	0.27	1.54	0.38	17.2	0.35	1.43	18.9	0.21	0.77	0.21	2.08	57.8	1.03	83.4	2.59	58
Akikoma	-	Improved	1976	4	373.0	72.4	141.8	339.8	389.9	306.5	242.7	46.5	8.0	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	
Akiko	-	Improved	1996	5	130.1	23.9	32.2	134.2	189.3	66.1	119.1	13.2	8.2	16.4	66.3	6.2	6.5	5.7	6.0	63.2	13.0	0.75	0.41	0.21	1.48	0.33	16.9	0.33	1.92	19.3	0.20	1.04	0.24	2.06	11.8	0.60	11.8	5.76	91
Akikomachi	-	Improved	1984	5	295.5	35.6	78.7	196.8	209.4	190.7	176.2	22.2	6.9	14.0	69.3	6.5	6.5	6.5	88.7	21.4	0.89	0.80	0.24	1.62	0.38	20.2	0.53	1.56	25.2	0.27	0.78	0.25	2.22	48.3	1.00	68.8	2.89	100	
Aoinokaze	-	Improved	1989	5	287.4	56.2	111.2	156.6	239.7	221.0	188.5	26.0	7.1	15.5	75.7	7.4	6.0	7.7	7.6	82.5	22.7	0.95	0.87	0.28	1.73	0.46	23.1	0.50	1.70	23.3	0.22	0.86	0.21	2.21	68.0	1.15	92.9	1.99	119
Asahi	-	Landrace	-	1	366.3	62.2	97.4	214.8	300.7	181.6	193.0	35.5	7.4	14.8	63.0	6.0	6.5	4.7	5.5	118.5	20.6	0.94	0.85	0.17	1.32	0.25	31.0	0.56	1.95	31.3	0.18	0.76	0.16	2.87	60.5	1.14	101.7	1.67	99
Asahioyume	-	Improved	1999	5	193.7	20.8	49.6	136.7	161.6	134.9	140.9	15.9	7.1	16.3	64.0	5.6	6.8	5.7	5.7	82.0	21.0	0.83	0.74	0.26	1.55	0.39	21.7	0.42	1.82	22.1	0.20	0.93	0.21	2.18	56.4	1.04	79.9	2.58	94
Asanohiko	-	Improved	1987	5	299.3	75.9	77.2	291.6	313.4	174.4	171.0	22.9	7.2	16.4	77.3	8.2	5.6	7.1	7.8	56.2	13.7	1.74	0.96	0.24	3.19	0.72	15.9	0.52	3.65	24.1	0.33	1.84	0.33	2.23	26.7	0.89	30.3	3.28	86
Benisengoku	-	Improved	1953	3	369.3	67.2	114.4	177.3	285.0	227.5	214.0	36.6	6.5	15.1	58.3	4.9	7.0	4.5	4.8	67.9	10.2	0.52	0.24	0.15	0.93	0.15	21.1	0.38	1.59	14.1	0.19	0.78	0.14	2.28	63.4	1.11	85.9	2.28	122
Bozu	-	Landrace	-	1	153.5	15.1	34.9	133.3	230.9	194.1	133.3	14.3	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	
Chiyonohani	-	Improved	1987	5	193.5	34.4	44.6	195.4	234.6	194.1	179.3	27.1	6.5	14.0	70.3	6.7	6.3	6.9	6.9	89.7	23.3	0.87	0.91	0.26	1.75	0.46	22.3	0.43	1.44	21.7	0.20	0.80	0.20	2.04	30.4	0.79	37.2	4.43	103
Chiyonishiki	-	Improved	1985	5	283.0	47.8	75.5	185.4	273.2	181.9	166.3	27.0	6.8	13.0	70.3	6.9	5.9	5.9	6.7	75.8	18.1	0.77	0.64	0.24	1.47	0.39	23.7	0.42	1.74	21.5	0.18	0.92	0.20	2.12	29.6	0.75	35.2	4.64	91
Chujo 2	-	Improved	1949	3	251.2	36.5	63.9	131.9	234.6	158.9	151.1	14.5	7.1	15.7	69.3	6.4	6.5	6.5	85.8	23.1	0.90	0.82	0.27	1.67	0.41	23.7	0.48	1.58	23.9	0.20	0.82	0.21	2.16	63.5	1.14	85.6	1.95	114	
Chuikyouasahi	-	Improved	1943	3	326.0	40.9	112.5	139.0	217.7	227.8	203.5	25.0	6.9	16.2	77.7	7.8	5.8	7.7	7.9	75.3	22.7	0.79	0.78	0.30	1.46	0.44	22.4	0.49	1.69	25.9	0.23	0.86	0.24	2.20	49.9	1.00	67.6	2.86	109
Daichinokaze	-	Improved	1999	5	132.6	42.2	33.1	130.8	151.6	87.0	128.7	8.7	6.7	16.4	62.3	5.3	7.0	5.5	5.4	86.0	26.0	1.01	1.06	0.31	1.93	0.53	21.9	0.48	1.35	23.2	0.22	0.71	0.21	2.12	33.9	0.84	47.8	3.80	110
Dango	JRC25	Landrace	-	1	197.9	21.0	59.1	108.5	232.3	140.5	172.7	11.3	-	-	58.7	4.8	7.2	4.9	4.8	70.2	15.3	0.70	0.47	0.22	1.27	0.29	17.1	0.45	1.03	16.3	0.27	0.51	0.19	2.24	29.8	0.81	38.9	4.38	116
Densumaka	-	Improved	1992	5	315.8	44.1	81.6	198.8	237.4	151.9	179.3	27.1	6.5	14.0	70.3	6.7	6.2	6.5	6.7	73.4	16.1	0.84	0.61	0.22	1.46	0.33	22.3	0.43	2.00	19.7	0.20	0.96	0.18	2.34	56.0	1.02	73.3	2.94	93
Dontokoi	-	Improved	1995	5	159.2	19.2	33.8	106.9	155.1	98.9	128.1	11.4	7.0	15.4	79.7	8.1	5.7	8.1	8.2	74.4	28.5	1.07	1.17	0.39	2.04	0.70	21.1	0.45	2.36	27.4	0.22	1.24	0.28	2.14	48.3	0.98	65.6	3.07	95
Eiko	-	Improved	1942	3	245.4	31.9	60.8	184.7	292.4	135.5	158.0	21.6	9.1	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	
Fujibakari	-	Improved	1977	4	240.5	35.6	54.7	144.5	195.0	142.6	161.7	20.5	8.9	14.7	73.3	7.3	5.9	6.9	7.2	91.0	31.3	1.08	1.37	0.36	2.12	0.71	24.1	0.45	2.10	25.3	0.19	1.13	0.22	2.08	24.3	0.73	31.3	4.73	95
Fujimori	-	Improved	1960	4	175.8	20.2	38.6	103.9	145.9	88.4	122.0	10.4	7.1	13.2	76.0	7.5	6.0	7.6	7.6	75.5	26.8	1.03	1.18	0.35	2.00	0.72	22.7	0.43	2.38	26.6	0.20	1.27	0.26	2.09	45.9	1.01	64.1	2.62	100
Fujisaka 5	-	Improved	1949	3	259.0	37.1	81.4	273.8	224.6	185.2	185.5	28.8	7.4	12.2	48.0	3.5	7.7	2.6	3.0	90.8	10.6	0.56	0.30	0.12	0.98	0.13	24.0	0.47	0.92	16.3	0.20	0.45	0.13	2.33	14.0	0.59	16.4	6.19	72
Fukei 175	-	Improved	1993	5	206.6	19.4	58.4	144.8	175.9	139.0	153.1	10.9	7.5	12.2	48.7	3.1	8.2	3.8	3.2	120.0	27.8	0.81	0.94	0.32	1.52	0.33	25.1	0.51	1.28	24.4	0.21	0.66	0.18	2.17	59.2	1.03	93.5	4.27	83
Fukuhiki	JRC46	Landrace	-	1	214.3	76.7	47.0	234.0	174.1	180.1	112.0	22.6	-	-	-	-	-	-	-	-	-	-	-																

Manamsume	Improved	1997	5	304.3	51.9	92.0	188.3	272.2	200.2	168.0	31.3	7.1	14.1	69.3	6.5	6.3	6.4	6.6	72.4	17.5	0.82	0.68	0.24	1.48	0.39	21.7	0.46	1.87	20.9	0.21	0.93	0.20	2.26	37.7	0.88	45.7	3.98	88
Matsuribare	Improved	1994	5	159.5	20.4	38.2	140.9	128.2	104.1	132.8	9.4	6.5	15.7	71.0	6.7	6.4	6.9	6.8	82.1	19.7	0.79	0.70	0.24	1.49	0.37	22.5	0.47	1.61	22.0	0.21	0.84	0.20	2.17	55.8	1.06	78.6	2.24	97
Menkoïna	Improved	1999	5	256.1	39.8	78.1	186.7	237.0	178.6	168.7	27.8	7.4	13.9	63.3	5.7	6.6	5.2	5.6	57.1	15.7	0.94	0.64	0.28	1.47	0.53	20.1	0.40	2.02	20.4	0.20	1.03	0.22	2.20	9.9	0.59	9.3	5.99	88
Mineasahi	Improved	1980	5	183.0	19.7	45.0	82.9	165.7	140.5	129.4	10.1	6.6	13.6	56.0	4.2	7.7	4.9	4.4	98.0	22.1	0.76	0.68	0.22	1.41	0.29	21.7	0.55	1.06	20.0	0.26	0.54	0.18	2.19	39.8	0.84	59.4	3.95	87
Mirenschiki	Improved	1980	6	255.2	43.4	61.8	236.3	197.5	181.9	167.8	19.1	7.8	15.4	76.0	7.5	6.0	7.5	7.5	74.6	18.1	0.89	0.69	0.24	1.62	0.27	17.7	0.49	1.50	22.5	0.29	0.75	0.26	2.24	51.5	1.10	73.7	1.91	116
Moritawase	Improved	1913	2	152.4	12.1	35.6	153.8	220.9	112.2	133.6	16.2	8.0	14.1	58.0	4.9	7.1	4.5	4.7	99.9	19.9	0.68	0.62	0.21	1.25	0.27	23.3	0.50	1.11	18.6	0.22	0.57	0.16	2.19	6.2	0.54	4.9	6.41	88
Mutsumohare	Improved	1985	5	276.3	42.0	73.1	190.5	226.0	167.2	160.4	23.9	7.3	12.8	65.3	6.0	6.5	5.4	5.8	76.0	19.3	0.86	0.73	0.26	1.62	0.43	23.2	0.45	2.04	24.6	0.20	1.04	0.22	2.20	28.8	0.81	38.0	4.16	93
Nagoyashiro	Landrace	-	1	178.5	18.2	47.7	158.3	222.3	144.5	303.9	19.1	6.5	13.7	64.7	5.9	6.6	5.6	5.8	56.1	12.0	0.73	0.40	0.21	1.25	0.28	15.5	0.33	1.78	15.7	0.22	0.84	0.20	2.38	23.7	0.77	30.0	4.71	96
Nagoyutaka	Improved	1979	4	187.0	22.9	59.8	125.4	181.5	107.3	153.5	18.2	7.0	14.8	64.0	5.7	6.6	5.3	5.6	83.0	16.0	0.65	0.49	0.19	1.23	0.24	21.8	0.43	1.30	20.6	0.20	0.67	0.19	2.15	38.6	0.87	51.4	3.96	115
Nakateshinsenbon	Improved	1950	3	82.9	23.9	33.5	138.6	213.1	94.9	125.0	11.7	6.8	15.6	64.0	5.8	6.7	5.4	5.6	86.3	20.8	0.71	0.68	0.24	1.41	0.35	24.2	0.47	1.57	21.8	0.20	0.87	0.19	2.05	25.6	0.71	33.8	4.77	89
Natsushoshi	Improved	2001	6	198.4	21.5	54.5	126.5	146.7	119.0	124.9	11.5	7.8	16.0	54.3	1.3	2.6	1.6	1.4	98.8	18.2	0.78	0.58	0.18	1.35	0.23	19.1	0.60	1.32	24.1	0.32	0.63	0.24	2.36	52.9	0.99	87.1	3.96	72
Natsuhikari	Improved	1983	5	231.7	30.4	62.3	144.7	212.3	157.8	154.1	17.3	7.6	14.3	69.7	6.5	6.5	6.6	6.5	91.1	21.7	0.74	0.71	0.24	1.31	0.34	25.1	0.46	1.80	22.8	0.19	0.87	0.17	2.30	75.3	1.20	106.0	1.69	105
Nihonmasari	Improved	1973	4	319.2	44.4	99.3	180.8	240.0	158.3	196.8	18.2	7.5	15.6	70.0	6.6	6.4	6.4	6.6	86.8	17.9	0.82	0.57	0.21	1.46	0.29	25.2	0.48	1.37	19.4	0.19	0.68	0.15	2.25	65.7	1.11	92.4	2.27	123
Nikomaru	Improved	2005	6	358.0	75.7	115.6	219.4	281.0	250.9	206.8	39.3	7.2	16.4	69.3	6.6	6.3	6.2	6.5	80.3	17.0	0.75	0.58	0.22	1.27	0.30	23.3	0.42	1.90	20.7	0.18	0.89	0.17	2.37	67.4	1.17	98.5	1.72	120
Nippombare	Improved	1963	4	185.7	17.7	45.7	144.7	146.5	136.8	152.7	12.4	7.5	16.1	67.3	6.1	6.7	6.4	6.2	78.7	20.7	0.95	0.75	0.27	1.23	0.43	21.8	0.50	1.39	22.4	0.24	0.69	0.21	2.25	52.4	1.04	75.6	2.34	109
Nishihomare	Improved	1979	4	275.9	38.3	75.7	139.1	175.5	165.3	175.4	16.1	7.2	15.4	68.0	6.2	6.7	6.5	6.3	84.9	20.3	0.72	0.60	0.24	1.34	0.32	24.9	0.49	1.24	21.4	0.20	0.65	0.17	2.16	34.4	0.79	43.4	4.49	118
Norin 1	Improved	1931	2	171.5	27.7	40.2	101.2	176.2	111.9	135.3	10.6	7.8	14.6	82.7	8.4	5.6	8.6	8.5	88.1	24.6	0.88	0.93	0.28	1.68	0.45	20.9	0.47	1.66	23.1	0.23	0.87	0.23	2.12	40.0	0.98	56.0	2.80	102
Norin 18	Improved	1941	3	276.5	43.2	73.6	215.1	288.0	199.5	173.2	24.8	8.0	14.8	61.3	5.5	6.8	4.9	5.2	96.1	18.3	0.81	0.65	0.20	1.33	0.26	24.1	0.55	1.62	23.6	0.23	0.73	0.18	2.45	34.3	0.93	55.2	3.10	60
Norin 22	Improved	1943	3	179.0	23.0	49.3	167.7	282.1	174.4	160.2	17.3	-	-	65.3	5.9	6.6	5.7	5.9	76.7	19.6	0.81	0.70	0.26	1.57	0.40	18.3	0.44	1.71	20.0	0.24	0.92	0.24	2.10	32.5	0.76	30.0	4.35	89
Norin 29	Improved	1945	3	237.5	23.2	63.6	129.4	214.8	153.6	155.1	15.3	8.1	13.8	69.7	6.4	6.6	6.8	6.5	90.6	27.1	0.89	1.04	0.29	1.73	0.49	22.0	0.55	1.45	23.5	0.25	0.77	0.22	2.10	32.8	0.79	47.0	4.17	111
Norin 6	Improved	1936	2	222.1	15.5	60.5	144.0	208.6	166.2	170.0	12.2	9.2	15.7	66.3	5.8	6.9	6.4	6.0	81.2	19.1	0.69	0.54	0.24	1.31	0.29	21.6	0.47	1.11	20.8	0.22	0.57	0.20	2.16	18.8	0.66	24.1	5.10	109
Norin 8	Improved	1937	2	287.5	47.9	94.3	133.6	236.4	183.0	172.1	24.4	-	-	78.7	7.8	5.9	8.1	8.0	89.8	22.8	0.84	0.83	0.26	1.48	0.39	24.9	0.54	1.77	28.2	0.22	0.86	0.22	2.29	71.9	1.16	107.5	1.62	114
Notohikari	Improved	1985	5	216.0	27.1	61.6	192.8	219.1	153.5	206.7	19.9	7.0	13.4	57.7	4.8	7.2	4.6	4.6	87.5	19.8	0.72	0.64	0.22	1.29	0.30	22.4	0.51	1.58	24.5	0.23	0.76	0.21	2.29	40.4	0.93	56.2	3.32	81
Okizuri	Improved	1996	5	63.2	14.3	23.1	97.7	150.1	59.3	115.4	8.2	6.7	13.1	64.0	5.8	6.8	5.6	5.7	68.2	19.9	0.81	0.69	0.29	1.51	0.46	16.2	0.33	1.86	19.0	0.21	0.97	0.24	2.15	34.8	0.84	48.4	3.98	90
Omachi	Landrace	-	1	265.1	30.0	73.0	140.6	-	167.0	149.8	13.5	6.9	14.1	63.0	5.4	7.1	5.8	5.5	89.7	21.0	0.70	0.72	0.24	1.23	0.35	24.4	0.50	1.76	21.9	0.21	0.86	0.17	2.31	31.7	0.82	48.7	4.08	122
Oochikara	Improved	1989	5	236.6	39.0	49.4	183.3	302.4	150.0	155.8	19.5	8.2	13.9	61.0	5.8	6.5	4.0	5.2	105.7	25.3	0.97	0.99	0.24	1.82	0.42	26.0	0.48	3.91	25.2	0.19	2.04	0.19	2.17	32.9	0.76	47.4	4.43	91
Ouu 197	Improved	1937	2	231.6	28.3	54.1	141.4	151.1	149.3	155.4	16.7	7.0	13.6	73.3	7.2	6.1	6.9	7.1	69.6	19.6	0.95	0.79	0.28	1.65	0.46	20.5	0.48	23.3	24.7	0.24	1.08	0.24	2.32	48.0	1.07	65.3	2.43	91
Ouu 292	Improved	1974	4	179.3	26.1	41.0	139.4	200.8	118.6	130.4	11.5	8.0	14.8	76.0	7.4	6.1	7.7	7.5	56.2	16.7	0.84	0.61	0.30	1.53	0.47	15.2	0.34	2.12	21.5	0.22	1.08	0.29	2.20	48.2	0.99	66.4	2.95	93
Raiden	Landrace	-	1	275.9	34.2	81.5	132.5	183.0	155.1	167.3	17.0	8.0	15.5	71.3	6.7	6.5	7.2	6.8	91.0	18.5	0.81	0.64	0.21	1.42	0.31	25.3	0.55	1.39	23.4	0.22	0.68	0.18	2.30	46.5	0.99	68.1	2.86	123
Reihou	Improved	1969	4	243.7	33.5	55.4	132.0	173.8	103.6	147.7	12.7	6.8	15.3	70.0	6.6	6.4	6.7	6.6	80.3	18.6	0.83	0.68	0.24	1.54	0.39	21.6	0.46	1.23	19.5	0.22	0.62	0.19	2.19	45.7	0.96	64.1	3.03	113
Reimei	Improved	1962	4	291.1	35.8	106.9	121.7	230.3	185.6	16.9	-	-	67.0	6.0	6.7	6.3	6.1	93.0	22.8	0.72	0.77	0.25	1.34	0.35	24.6	0.52	1.45	23.3	0.21	0.74	0.19	2.20	71.4	1.12	106.7	1.94	115	
-	Landrace	-	1	280.1	50.9	86.6	187.6	-	305.1	215.8	14.6	7.7	13.6	70.3	7.0	6.1	6.1	6.7	69.8	16.5	0.79	0.56	0.24	1.49	0.35	16.6	0.42	1.71	19.4	0.26	0.88	0.24	2.17	10.8	0.61	11.3	5.63	93
Rikuu 132	Improved	1921	2	233.9	23.4	63.0	157.0	204.9	156.0	159.9	13.5	7.7	13.2	70.3	6.5	6.6	7.0	6.6	83.1	20.3	0.82	0.71	0.25	1.47	0.38	23.8	0.45	1.61	23.1	0.19	0.80	0.19	2.25	59.5	0.99	85.2	3.12	109
Rikuu 20	Improved	1915	2	330.1	60.8	106.2	224.3	269.6	249.2	202.8	37.5	7.6	13.1	-	-	-	-	-	89.7	17.7	0.74	0.59	0.19	1.22	0.25	24.6	0.55	2.03	23.2	0.22	0.93	0.17	2.45	43.9	1.00	67.9	2.26	121
Sachikaze	Improved	1960	4	123.1	12.1	39.6	116.7	141.7	69.8	128.4	7.9	-	-	67.0	6.1	6.7	6.3	6.1	95.0	26.1	0.85	0.95	0.28	1.58	0.42	24.2	0.51	1.40	25.0	0.21	0.72	0.21	2.18	49.3	0.93	74.3	3.19	110
Sakhiikari	Improved	2003	6	224.5	39.8	47.6	154.5	190.4	149.6	148.6	17.8	6.9	15.4	75.7	7.6	5.7	7.0	7.5	76.0	24.1	0.89	0.93	0.32	1.77	0.55	17.2	0.33	2.										