

Wonder Rice Initiative for Food Security and Health (WISH) Project

WISH Developed Yield and
Blast Resistant Lines



Wonder Rice Initiative for
Food Security and Health
(WISH) Developed Yield
Lines

No.	WISH Line	Line No.	♀	♂	Traits	Generation of materials	
1	WISH 1	WISH 1:1-3-4-3-3	NERICA 1	ST12	<i>Gn1a</i> (increased grain number)	BC3F5	
2		WISH 1:4-9-3-4-2			Recurrent parent; Donor source for <i>Gn1a</i> and WFP	<i>Gn1a</i> (increased grain number)	BC3F5
3		WISH 1:4-12-3-1-12				<i>Gn1a</i> (increased grain number)	BC3F5
4		WISH 1:6-16-10-4-1				<i>Gn1a</i> (increased grain number)	BC3F5
5	WISH 7	WISH 7:3-6-4-1-2				<i>Gn1a</i> (increased grain number)	BC3F5
6	WISH 1	WISH 1:2-1-7-2-1				WFP (increased number of primary branches)	BC3F5
7		WISH 1:2-1-7-5-1				WFP (increased number of primary branches)	BC3F5
8		WISH 1:4-15-1-7-1				WFP (increased number of primary branches)	BC3F5
9		WISH 1:6-12-8-10-4				WFP (increased number of primary branches)	BC3F5
10	WISH 7	WISH 7:5-5-1-1-2-1				WFP (increased number of primary branches)	BC3F5
11	WISH 1	WISH 1:4-8-8-2-1		<i>Gn1a</i> +WFP (increased grain number and primary branches)		BC3F5	
12		WISH 1:4-8-8-4-1		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5		
13		WISH 1:4-8-8-8-2		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5		
14		WISH 1:4-8-8-10-7		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5		
15		WISH 1:6-12-8-12-4		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5		
16		WISH 1:6-12-8-12-7		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5		
17	WISH 12	WISH 12:5-6-1-2-5	NERICA 4	ST12	<i>Gn1a</i> (increased grain number)	BC3F5	
18		WISH 12:5-6-2-2-5			Recurrent parent; Donor source for <i>Gn1a</i> and WFP	<i>Gn1a</i> (increased grain number)	BC3F5
19		WISH 12:5-6-3-1-7				<i>Gn1a</i> (increased grain number)	BC3F5
20		WISH 12:5-10-2-1-7				<i>Gn1a</i> (increased grain number)	BC3F5
21		WISH 12:5-10-2-2-5				<i>Gn1a</i> (increased grain number)	BC3F5
22		WISH 12:22-4-5-5				WFP (increased number of primary branches)	BC3F5
23		WISH 12:22-4-9-7				WFP (increased number of primary branches)	BC3F5
24		WISH 12:22-4-10-1				WFP (increased number of primary branches)	BC3F5
25		WISH 12:23-2-5-2				WFP (increased number of primary branches)	BC3F4
26		WISH 12:23-2-5-7				WFP (increased number of primary branches)	BC3F4
27		WISH 12:23-2-2-5	WFP (increased number of primary branches)	BC3F4			
28		WISH 12:23-2-12-7		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4		
29		WISH 12:23-3-2-5		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4		
30		WISH 12:23-3-7-1		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4		
31		WISH 12:23-2-10-2		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4		
32		WISH 12:23-2-11-7		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4		
33		WISH 12:23-3-9-2		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4		
34	WISH 13	WISH 13:1-3-1-8-1-6	NERICA 4	ST6	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
35		WISH 13:1-3-2-5-1-7			Recurrent parent; Donor source for <i>Gn1a</i> and WFP	<i>Gn1a</i> (increased grain number)	BC3F5
36		WISH 13:1-4-5-6-1-7				<i>Gn1a</i> (increased grain number)	BC3F5
37		WISH 13:1-4-5-6-5-7				<i>Gn1a</i> (increased grain number)	BC3F5
38	WISH 14	WISH 14:1-1-2-1-5	NERICA 6	ST12		<i>Gn1a</i> (increased grain number)	BC3F5
39		WISH 14:1-1-2-2-1			Recurrent parent; Donor source for <i>Gn1a</i> and WFP	<i>Gn1a</i> (increased grain number)	BC3F5
40		WISH 14:6-2-1-6-2				<i>Gn1a</i> (increased grain number)	BC3F5
41		WISH 14:6-4-7-1-5				<i>Gn1a</i> (increased grain number)	BC3F5
42		WISH 14:23-7-6-4-7				<i>Gn1a</i> (increased grain number)	BC3F5
43		WISH 14:1-3-1-2				WFP (increased number of primary branches)	BC3F5
44		WISH 14:6-2-3-1				WFP (increased number of primary branches)	BC3F5
45		WISH 14:23-2-5-1				WFP (increased number of primary branches)	BC3F5
46		WISH 14:23-4-1-5				WFP (increased number of primary branches)	BC3F5
47		WISH 14:1-1-4-8				WFP (increased number of primary branches)	BC3F4
48	(H)	WISH 14:6-5-9-1	WFP (increased number of primary branches)	BC3F4			
49		WISH 14:6-5-9-6	WFP (increased number of primary branches)	BC3F4			
50		WISH 14:6-5-9-12	WFP (increased number of primary branches)	BC3F4			
51		WISH 14:23-5-9-8	WFP (increased number of primary branches)	BC3F4			
52		WISH 14:23-10-2-1	WFP (increased number of primary branches)	BC3F4			
53		WISH 14:23-10-2-5	WFP (increased number of primary branches)	BC3F4			
54		WISH 14:23-15-4-5	WFP (increased number of primary branches)	BC3F4			
55		WISH 14:23-15-4-7	WFP (increased number of primary branches)	BC3F4			
56		WISH 14:23-12-6-1-3	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			
57		WISH 14:23-12-7-1-5	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			
58		WISH 14:23-17-3-1-4	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			
59		WISH 14:23-17-9-2-3	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			
60		WISH 14:23-17-9-6-5	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			
61		WISH 14:1-2-1-5	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			
62		WISH 14:1-2-1-7	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			
63		WISH 14:1-2-1-9	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			
64		WISH 14:1-3-1-2	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			
65		WISH 14:1-4-10-9	<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4			

No.	WISH Line	Line No.	♀	♂	Traits	Generation of materials
66		WISH 14:23-7-7-6			<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4
67		WISH 14:23-7-7-7			<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4
68		WISH 14:23-11-3-3			<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4
69		WISH 14:23-11-3-10			<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4
70		WISH 14:23-11-3-11			<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4
71		WISH 14:23-5-3-1			<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F4
72	WISH 21	WISH 21:7-10-2-2-3-5	WAB56-104	ST6	<i>Gn1a</i> (increased grain number)	BC3F5
73		WISH 21:7-13-5-1-5	Recurrent parent; Farmer's preference; upland variety	Donor source for <i>Gn1a</i> and WFP	<i>Gn1a</i> (increased grain number)	BC3F5
74		WISH 21:7-13-6-1-7			<i>Gn1a</i> (increased grain number)	BC3F5
75		WISH 21:7-14-7-1-7			<i>Gn1a</i> (increased grain number)	BC3F5
76		WISH 21:7-14-8-1-7			<i>Gn1a</i> (increased grain number)	BC3F5
77	WISH 22	WISH 22:1-3-1-1-5	WAB56-104	ST12	<i>Gn1a</i> (increased grain number)	BC3F5
78		WISH 22:1-4-1-1-3	Recurrent parent; Farmer's preference; upland variety	Donor source for <i>Gn1a</i> and WFP	<i>Gn1a</i> (increased grain number)	BC3F5
79		WISH 22:1-4-1-6-7			<i>Gn1a</i> (increased grain number)	BC3F5
80		WISH 22:3-2-4-1-8			<i>Gn1a</i> (increased grain number)	BC3F5
81		WISH 22:3-15-9-1-5			<i>Gn1a</i> (increased grain number)	BC3F5
82		WISH 22:3-3-10-3-3			WFP (increased number of primary branches)	BC3F5
83		WISH 22:3-8-3-1-5			WFP (increased number of primary branches)	BC3F5
84		WISH 22:3-17-2-1-5	WFP (increased number of primary branches)	BC3F5		
85		WISH 22:5-1-6-1-4		WFP (increased number of primary branches)	BC3F5	
86		WISH 22:5-3-3-1-2		WFP (increased number of primary branches)	BC3F5	
87		WISH 22:3-20-7-1-5		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
88		WISH 22:5-6-1-3-7		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
89		WISH 22:5-8-8-11-2		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
90		WISH 22:5-8-12-3-4		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
91		WISH 22:5-8-12-6-9		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
92	WISH 23	WISH 23:1-7-4-15-1-1	WAB56-50	ST12	<i>Gn1a</i> (increased grain number)	BC3F5
93		WISH 23:1-7-4-16-1-4	Recurrent parent; Farmer's preference; upland variety	Donor source for <i>Gn1a</i> (grain number) and WFP	<i>Gn1a</i> (increased grain number)	BC3F5
94		WISH 23:1-4-4-16-2-3			WFP (increased number of primary branches)	BC3F5
95		WISH 23:1-12-6-3-2-5			WFP (increased number of primary branches)	BC3F5
96		WISH 23:1-12-6-3-2-7			WFP (increased number of primary branches)	BC3F5
97		WISH 23:1-12-6-20-1-3			WFP (increased number of primary branches)	BC3F5
98		WISH 23:1-12-3-2-12-5				<i>Gn1a</i> +WFP (increased grain number and primary branches)
99		WISH 23:1-12-3-2-12-8		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
100		WISH 23:1-12-3-2-3-2		WFP (increased grain number and primary branches)	BC3F5	
101		WISH 23:1-12-10-20-1-5		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
102		WISH 23:1-12-10-20-2-7		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
103		WISH 23:1-12-10-20-3-10		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
104	WISH 24	WISH 24:3-7-3-1-1	WAB56-50	ST6	<i>Gn1a</i> (increased grain number)	BC3F5
105		WISH 24:3-14-4-1-3	Recurrent parent; Farmer's preference; upland variety	Donor source for <i>Gn1a</i> and WFP	<i>Gn1a</i> (increased grain number)	BC3F5
106		WISH 24:3-20-10-1-4			<i>Gn1a</i> (increased grain number)	BC3F5
107		WISH 24:40-8-5-1-5			<i>Gn1a</i> (increased grain number)	BC3F5
108		WISH 24:40-8-5-2-6			<i>Gn1a</i> (increased grain number)	BC3F5
109		WISH 24:5-5-10-1-2			WFP (increased number of primary branches)	BC3F5
110		WISH 24:5-8-4-1-1			WFP (increased number of primary branches)	BC3F5
111		WISH 24:5-8-5-1-3	WFP (increased number of primary branches)	BC3F5		
112		WISH 24:13-10-4-1-4	WFP (increased number of primary branches)	BC3F5		
113		WISH 24:13-1-10-2-2		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
114		WISH 24:13-1-10-3-4		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
115		WISH 24:13-1-10-3-6		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
116		WISH 24:13-1-10-4-7		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
117		WISH 24:13-1-10-9-3		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
118		WISH 24:13-1-10-11-3		<i>Gn1a</i> +WFP (increased grain number and primary branches)	BC3F5	
119	WISH 25	WISH 25:4-4-5-3	Silewah	Basmati	<i>BADH2</i> (Aromatic)	BC3F4
120		WISH 25:4-4-7-1	Recurrent parent; cold tolerant	Donor source for <i>Osp16</i> (long grain) and <i>BADH2</i> (aroma)	<i>BADH2</i> (Aromatic)	BC3F4
121		WISH 25:5-2-2-3-5			<i>Osp16</i> (Long-grained)	BC3F5
122		WISH 25:5-2-4-10-7			<i>Osp16</i> (Long-grained)	BC3F5
123		WISH 25:4-4-2-6-2			<i>BADH2</i> (Aromatic)	BC3F5
124		WISH 25:4-4-2-7-8			<i>BADH2</i> (Aromatic)	BC3F5
125		WISH 25:4-4-2-9-1			<i>BADH2</i> (Aromatic)	BC3F5
126		WISH 25:5-2-1-1-9			<i>Osp16</i> + <i>BADH2</i> (Long-grained and aromatic)	BC3F5
127		WISH 25:5-2-1-1-10			<i>Osp16</i> + <i>BADH2</i> (Long-grained and aromatic)	BC3F5
128		WISH 25:5-2-4-4-3			<i>Osp16</i> + <i>BADH2</i> (Long-grained and aromatic)	BC3F5
129		WISH 25:5-2-4-4-7			<i>Osp16</i> + <i>BADH2</i> (Long-grained and aromatic)	BC3F5
130		WISH 25:5-2-4-5-2	<i>Osp16</i> + <i>BADH2</i> (Long-grained and aromatic)	BC3F5		

No.	WISH Line	Line No.	♀	♂	Traits	Generation of materials
131		WISH 25:5-2-4-5-3			<i>Ospl16+BADH2</i> (Long-grained and aromatic)	BC3F5
132	WISH 28	WISH 28:2-1-18-1-1-3	Basmati	ST12	<i>WFP+BADH2</i> (increased number of primary branches, aroma)	BC3F6
133		WISH 28:2-2-1-1-1-4	Recurrent parent; aromatic; long grains	Donor source for G _{n1a} and WFP	<i>WFP+BADH2</i> (increased number of primary branches, aroma)	BC3F6
134		WISH 28:2-2-3-1-1-5			<i>WFP+BADH2</i> (increased number of primary branches, aroma)	BC3F6
135		WISH 28:2-2-6-1-6-6			<i>WFP+BADH2+Ospl16</i> (increased number of primary branches)	BC3F6
136		WISH 28:2-2-11-1-1-7			<i>WFP+BADH2+Ospl16</i> (increased number of primary branches)	BC3F6
137		WISH 28:2-2-11-1-4-8			<i>WFP+BADH2+Ospl16</i> (increased number of primary branches)	BC3F6
138		WISH 28:2-2-11-1-8-9			<i>WFP+BADH2+Ospl16</i> (increased number of primary branches)	BC3F6
139		WISH 28:2-1-5-9-410			<i>WFP+BADH2</i> (increased number of primary branches, aroma)	BC3F6
140		WISH 28:2-1-6-1-2-6			<i>WFP+BADH2</i> (increased number of primary branches, aroma)	BC3F6
141		WISH 28:2-2-12-4-10-7			<i>WFP+BADH2</i> (increased number of primary branches, aroma)	BC3F6
142		WISH 28:2-2-12-22-3-9			<i>WFP+BADH2</i> (increased number of primary branches, aroma)	BC3F6
143		WISH 28:2-2-17-4-5-10			<i>WFP+BADH2</i> (increased number of primary branches, aroma)	BC3F6
144	WISH 31	WISH 31:1-2-6-6-1-2	IR64	ST12	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
145		WISH 31:1-2-6-6-1-5	Recurrent parent; Farmer's preference; upland variety	Donor source for G _{n1a} and WFP	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
146		WISH 31:1-2-17-3-1-4			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
147		WISH 31:1-2-17-3-1-7			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
148		WISH 31:1-3-7-9-1-6			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
149		WISH 31:1-3-7-9-1-9			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
150		WISH 31:1-2-17-2-1-8			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
151		WISH 31:1-2-17-2-1-11			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
152		WISH 31:1-2-18-9-1-10	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
153		WISH 31:1-2-18-9-1-1	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
154	WISH 32	WISH 32:2-4-13-1-1-1	IR64	ST6	<i>Gn1a</i> (increased grain number)	BC3F6
155		WISH 32:2-4-13-2-1-2	Recurrent parent; Mega-variety; planted to millions of ha of irrigated lowlands in Southeast Asia	Donor source for G _{n1a} and WFP	<i>Gn1a</i> (increased grain number)	BC3F6
156		WISH 32:2-4-13-3-1-3			<i>Gn1a</i> (increased grain number)	BC3F6
157		WISH 32:2-4-29-1-1-4			<i>Gn1a</i> (increased grain number)	BC3F6
158		WISH 32:2-4-29-2-1-5			<i>Gn1a</i> (increased grain number)	BC3F6
159		WISH 32:2-4-6-2-1-6			<i>WFP</i> (increased number of primary branches)	BC3F6
160		WISH 32:2-4-6-10-1-1			<i>WFP</i> (increased number of primary branches)	BC3F6
161		WISH 32:2-4-6-10-1-2			<i>WFP</i> (increased number of primary branches)	BC3F6
162		WISH 32:2-4-6-10-1-5			<i>WFP</i> (increased number of primary branches)	BC3F6
163		WISH 32:2-4-6-10-1-6			<i>WFP</i> (increased number of primary branches)	BC3F6
164		WISH 32:2-4-7-2-1-4			<i>WFP</i> (increased number of primary branches)	BC3F6
165		WISH 32:2-4-9-5-1-5			<i>WFP</i> (increased number of primary branches)	BC3F6
166		WISH 32:2-4-9-5-1-6			<i>WFP</i> (increased number of primary branches)	BC3F6
167		WISH 32:2-4-9-6-1-5			<i>WFP</i> (increased number of primary branches)	BC3F6
168		WISH 32:2-4-4-8-2-5	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
169		WISH 32:2-4-22-4-1-7	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
170		WISH 32:2-4-22-6-1-9	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
171		WISH 32:2-4-25-1-1-10	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
172	WISH 55	WISH 55:2-1-2-2-6-7	Silewah	ST12	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
173		WISH 55:2-1-2-2-6-8	Recurrent parent; cold tolerant	Donor source for G _{n1a} and WFP	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
174		WISH 55:2-1-2-2-6-9			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
175		WISH 55:2-1-2-2-6-10			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
176	WISH 60	WISH 60:2-2-3-1-1-3	Silewah	ST12	<i>WFP</i> (increased number of primary branches)	BC3F6
177		WISH 60:2-2-5-3-1-5	Recurrent parent; cold tolerant	Donor source for G _{n1a} and WFP	<i>WFP</i> (increased number of primary branches)	BC3F6
178		WISH 60:2-2-17-1-1-7			<i>WFP</i> (increased number of primary branches)	BC3F6
179		WISH 60:2-3-10-1-1-9			<i>WFP</i> (increased number of primary branches)	BC3F6
180		WISH 60:2-3-11-1-1-11			<i>WFP</i> (increased number of primary branches)	BC3F6
181		WISH 60:3-2-1-1-1-1			<i>Gn1a</i> (increased grain number)	BC3F6
182		WISH 60:3-2-1-1-1-3	<i>Gn1a</i> (increased grain number)	BC3F6		
183		WISH 60:3-2-2-1-1-5			<i>Gn1a</i> (increased grain number)	BC3F6
184	WISH 42	WISH 42:2-1-3-1-6-5	IRAT109	ST12	<i>Gn1a</i> (increased grain number)	BC3F6
185		WISH 42:2-1-4-1-1-7	Recurrent parent; drought tolerant	Donor source for G _{n1a} and WFP	<i>Gn1a</i> (increased grain number)	BC3F6
186		WISH 42:2-1-20-2-1-9			<i>Gn1a</i> (increased grain number)	BC3F6
187		WISH 42:1-2-7-1-1-2			<i>WFP</i> (increased number of primary branches)	BC3F6
188		WISH 42:2-5-5-1-1-3			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
189		WISH 42:2-5-10-1-1-2			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
190		WISH 42:2-5-10-1-1-3			<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6
191		WISH 42:2-1-9-10-1-9	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
192		WISH 42:2-1-13-10-4-3	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
193		WISH 42:2-1-18-10-8-1	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
194		WISH 42:2-1-19-10-1-4	<i>Gn1a+WFP</i> (increased grain number and primary branches)	BC3F6		
195		WISH 42:2-1-2-1-1			<i>Gn1a</i> (increased grain number)	BC3F6

No.	WISH Line	Line No.	♀	♂	Traits	Generation of materials
196		WISH 42:1-2-6-1-3			WFP (increased number of primary branches)	BC3F6
197		WISH 42:2-1-12-3-6			Gn1a+WFP (increased grain number and primary branches)	BC3F6
198		WISH 42:1-2-2-1-15			Gn1a (increased grain number)	BC3F6
199		WISH 42:2-1-20-1-18			Gn1a (increased grain number)	BC3F6
200	WISH 66	WISH 66:2-2-2-1-1-1	Silewah	ST12	Gn1a+WFP (increased grain number and primary branches)	BC3F6
201		WISH 66:2-2-2-1-1-2	Recurrent parent; cold tolerant	Donor source for Gn1a and WFP	Gn1a+WFP (increased grain number and primary branches)	BC3F6
202		WISH 66:2-2-2-1-1-5			Gn1a+WFP (increased grain number and primary branches)	BC3F6
203		WISH 66:2-2-4-1-1-11			Gn1a+WFP (increased grain number and primary branches)	BC3F6
204		WISH 66:2-2-4-1-1-5			Gn1a+WFP (increased grain number and primary branches)	BC3F6
205		WISH 66:2-2-5-1-1			Gn1a+WFP (increased grain number and primary branches)	BC3F6
206	WISH 72	WISH 72:1-1-7-2-7-3-2	KP	ST12	WFP (increased number of primary branches)	BC3F7
207		WISH 72:1-1-7-4-2-1-4	Recurrent parent; deep rooting system (drought tolerant)	Donor source for Gn1a and WFP	WFP (increased number of primary branches)	BC3F7
208		WISH 72:1-1-7-10-1-6-1			WFP (increased number of primary branches)	BC3F7
209		WISH 72:1-1-7-14-1-6-1			WFP (increased number of primary branches)	BC3F7
210		WISH 72:1-1-7-16-1-4-1			WFP (increased number of primary branches)	BC3F7
211	WISH 77	WISH 77:4-2-6-3-1-2-6			Gn1a (increased grain number)	BC3F7
212		WISH 77:4-2-6-4-1-7-8			Gn1a (increased grain number)	BC3F7
213		WISH 77:4-2-6-1-1-11-1			Gn1a (increased grain number)	BC3F7
214		WISH 77:4-2-7-1-1-1-1	Gn1a (increased grain number)	BC3F7		
215		WISH 77:4-2-6-1-1-1-1	Gn1a (increased grain number)	BC3F7		
216		WISH 77:4-2-6-2-1-1-1	Gn1a (increased grain number)	BC3F7		
217	WISH 82	WISH 82:5-1-4-8-1-4-2	KP	ST6	Gn1a (increased grain number)	BC3F7
218		WISH 82:5-1-4-8-2-7-4	Recurrent parent; deep rooting system (drought tolerance)	Donor source for Gn1a and WFP	Gn1a (increased grain number)	BC3F7
219		WISH 82:5-1-4-9-1-9			Gn1a (increased grain number)	BC3F7
220		WISH 82:5-1-4-9-2-2			Gn1a (increased grain number)	BC3F7
221		WISH 82:5-1-4-10-1-1			Gn1a (increased grain number)	BC3F7
222	WISH 88	WISH 88:1-3-5-3-1-8-3			WFP (increased number of primary branches)	BC3F7
223		WISH 88:1-3-5-3-4-6-5			WFP (increased number of primary branches)	BC3F7
224		WISH 88:1-3-5-3-2-9-4			WFP (increased number of primary branches)	BC3F7
225		WISH 88:1-3-5-4-1-1-2	WFP (increased number of primary branches)	BC3F7		
226		WISH 88:1-3-5-6-1-1-4	Gn1a+WFP (increased grain number and primary branches)	BC3F7		
227		WISH 88:1-3-5-3-2-3-1	Gn1a+WFP (increased grain number and primary branches)	BC3F7		
228		WISH 88:1-3-5-1-1-12-1	Gn1a+WFP (increased grain number and primary branches)	BC3F7		
229		WISH 88:1-3-5-3-2-1-1	Gn1a+WFP (increased grain number and primary branches)	BC3F7		
230		WISH 88:1-3-5-5-1-8-1	Gn1a+WFP (increased grain number and primary branches)	BC3F7		
231	WISH 96	WISH 96:1-1-4-1-10-1-3	Azucena	ST12	Gn1a (increased grain number)	BC3F7
232		WISH 96:1-1-4-6-10-4-5	Recurrent parent; deep rooting system (drought tolerance)	Donor source for Gn1a and WFP	Gn1a (increased grain number)	BC3F7
233		WISH 96:1-1-4-14-10-2			Gn1a (increased grain number)	BC3F7
234		WISH 96:1-1-4-2-9-1-1			Gn1a (increased grain number)	BC3F7
235		WISH 96:1-1-4-22-10-9-1			Gn1a (increased grain number)	BC3F7
236	WISH 97	WISH 97:1-1-4-3-1-10-5			WFP (increased number of primary branches)	BC4F6
237		WISH 97:1-1-4-6-5-2-7			WFP (increased number of primary branches)	BC4F6
238		WISH 97:1-1-4-19-1-1-8			WFP (increased number of primary branches)	BC4F6
239		WISH 97:1-1-4-26-1-1-10	WFP (increased number of primary branches)	BC4F6		
240		WISH 97:1-1-4-6-4-2-1	WFP (increased number of primary branches)	BC4F6		
241		WISH 97:1-1-4-16-1-1-1	WFP (increased number of primary branches)	BC4F6		
242	WISH 102	WISH 102:2-5-2-7-1-9-2	Azucena	ST6	WFP (increased number of primary branches)	BC3F7
243		WISH 102:2-5-2-7-2-2-4	Recurrent parent; deep rooting system (drought tolerance)	Donor source for Gn1a and WFP	WFP (increased number of primary branches)	BC3F7
244		WISH 102:2-5-2-11-6-10-6			WFP (increased number of primary branches)	BC3F7
245		WISH 102:2-5-2-3-8-8-1			WFP (increased number of primary branches)	BC3F7
246		WISH 102:2-5-2-11-7-1-1			WFP (increased number of primary branches)	BC3F7
247	WISH 106	WISH 106:2-2-4-3-1-10-8			Gn1a (increased grain number)	BC3F7
248		WISH 106:2-2-4-4-1-6-10			Gn1a (increased grain number)	BC3F7
249		WISH 106:2-2-4-21-1-5-12			Gn1a (increased grain number)	BC3F7
250		WISH 106:2-2-4-2-1-14-1	Gn1a (increased grain number)	BC3F7		
251		WISH 106:2-2-4-2-1-16-1	Gn1a (increased grain number)	BC3F7		
252	WISH 88	WISH 88:1-3-5-5-1-9	KP	ST6	Gn1a+WFP (increased grain number and primary branches)	BC3F4
253	WISH 24	WISH 24:13-10-6-1-3	WAB56-50	ST6	WFP (increased number of primary branches)	BC3F5
254	WISH 25	WISH 25:3-2-4	Silewah	Basmati	Ospl16 + BADH2	BC3F5
255		WISH 25:3-2-11			Ospl16 + BADH2	BC3F5
256		WISH 25:3-2-8-1			Ospl16 + BADH2	BC3F5
257		WISH 25:4-4-5-4			Ospl16 + BADH2	BC3F5
258	WISH42	WISH 42:2-1-5-5-1	IRAT109	ST12		BC3F6
259	WISH 96	WISH 96-1-1-4-22-10-9	Azucena	ST12		BC3F7

**Wonder Rice Initiative for
Food Security and Health
(WISH) Developed Blast
Resistant Lines**

No.	WISH Line	Line No.	♀	♂	Traits	Generation
1	WISH 4	WISH 4:1-1-5-7-4-18	NERICA 1	Sensho	(<i>pi21</i>) blast resistance	BC ₄ F ₃
2		WISH 4:1-1-5-7-7-6	Recurrent parent; Farmer's preference; upland variety	Donor line for blast resistance (<i>pi21</i>)	(<i>pi21</i>) blast resistance	BC ₄ F ₃
3		WISH 4:1-1-5-7-7-13			(<i>pi21</i>) blast resistance	BC ₄ F ₃
4		WISH 4:1-1-5-8-1-1			(<i>pi21</i>) blast resistance	BC ₄ F ₃
5		WISH 4:1-1-5-8-1-21			(<i>pi21</i>) blast resistance	BC ₄ F ₃
6		WISH 4:1-1-5-8-3-12			(<i>pi21</i>) blast resistance	BC ₄ F ₃
7		WISH 4:1-1-5-8-3-19			(<i>pi21</i>) blast resistance	BC ₄ F ₃
8		WISH 4:1-1-5-8-8-9			(<i>pi21</i>) blast resistance	BC ₄ F ₃
9		WISH 4:1-1-5-8-20			(<i>pi21</i>) blast resistance	BC ₄ F ₃
10	WISH 11	WISH 11:25-4-4	NERICA 4	Sensho	(<i>pi21</i>) blast resistance	BC ₄ F ₁
11		WISH 11:27-4-6			(<i>pi21</i>) blast resistance	BC ₄ F ₁
12		WISH 11:27-4-9			(<i>pi21</i>) blast resistance	BC ₄ F ₁
13		WISH 11:25-4-12			(<i>pi21</i>) blast resistance	BC ₄ F ₁
14	WISH 16	WISH 16:1-8-4-2	NERICA 7	Sensho	(<i>pi21</i>) blast resistance	BC ₄ F ₂
15		WISH 16:1-8-4-4			(<i>pi21</i>) blast resistance	BC ₄ F ₂
16		WISH 16:1-8-4-5			(<i>pi21</i>) blast resistance	BC ₄ F ₂
17	WISH 26	WISH 26:3-4-1-1	Basmati	Sensho	(<i>pi21</i>) blast resistance	BC ₄ F ₂
18		WISH 26:3-4-1-2	Aromatic line	Donor for blast resistance (<i>pi21</i>)	(<i>pi21</i>) blast resistance	BC ₄ F ₂
19		WISH 26:3-4-1-3			(<i>pi21</i>) blast resistance	BC ₄ F ₂
20		WISH 26:3-4-1-4			(<i>pi21</i>) blast resistance	BC ₄ F ₂
21		WISH 26:3-4-1-6			(<i>pi21</i>) blast resistance	BC ₄ F ₂
22	WISH 33	WISH 33:6-7-5-1	IR64	Sensho	(<i>pi21</i>) blast resistance	BC ₄ F ₃
23		WISH 33:6-2-4-2	Recurrent parent; Mega-variety; planted to M of ha of irrigated lowlands in Southeast Asia	Donor for blast resistance (<i>pi21</i>)	(<i>pi21</i>) blast resistance	BC ₄ F ₃
24		WISH 33:6-7-1-1			(<i>pi21</i>) blast resistance	BC ₄ F ₃
25		WISH 33:6-3-4-5			(<i>pi21</i>) blast resistance	BC ₄ F ₃
26		WISH 33:6-3-8-3			(<i>pi21</i>) blast resistance	BC ₄ F ₃
27	WISH 40	WISH 40:1-3-3-9-2-1	KP	Sensho	(<i>pi21</i>) blast resistance	BC ₄ F ₅
28		WISH 40:1-3-16-11-11-1	Recurrent parent; deep rooting system (drought tolerance)		(<i>pi21</i>) blast resistance	BC ₄ F ₅
29		WISH 40:1-3-18-7-1-1			(<i>pi21</i>) blast resistance	BC ₄ F ₅
30		WISH 40:1-3-7-7-2-1			(<i>pi21</i>) blast resistance	BC ₄ F ₅
31		WISH 40:1-3-18-1-9-1			(<i>pi21</i>) blast resistance	BC ₄ F ₅
32	WISH 44	WISH 44:5-1-8-2-2-1	IRAT109	Sensho	(<i>pi21</i>) blast resistance	BC ₄ F ₅
33		WISH 44:5-1-9-6-2-1	deep rooting system (drought tolerance)	Donor line for blast resistance (<i>pi21</i>)	(<i>pi21</i>) blast resistance	BC ₄ F ₅
34	WISH 44	WISH 44:5-1-14-3-2-1			(<i>pi21</i>) blast resistance	BC ₄ F ₅
35		WISH 44:5-1-18-4-4-1			(<i>pi21</i>) blast resistance	BC ₄ F ₅
36		WISH 44:5-1-22-2-4-1			(<i>pi21</i>) blast resistance	BC ₄ F ₅
37	WISH 48	WISH 48:1-3-1-1-3-1	IRBB4/5/12/21	Sensho	(<i>pi21</i>) blast resistance	BC ₄ F ₅
38		WISH 48:1-3-2-1-1-1	Recurrent parent; deep rooting system (drought tolerance)	Donor line for blast resistance (<i>pi21</i>)	(<i>pi21</i>) blast resistance	BC ₄ F ₅
39		WISH 48:1-3-18-1-1-1			(<i>pi21</i>) blast resistance	BC ₄ F ₅
40		WISH 48:1-3-20-1-4-1			(<i>pi21</i>) blast resistance	BC ₄ F ₅
41		WISH 48:1-3-21-1-1-1			(<i>pi21</i>) blast resistance	BC ₄ F ₅
42	WISH110	WISH 110:1-1-11-5-4-1-1	IR63307-4B-13-2	Sensho	(<i>pi21</i>) blast resistance	BC ₄ F ₆
43		WISH 110:1-1-11-12-1-1-1	Recurrent parent; salt tolerant	Donor line for blast resistance (<i>pi21</i>)	(<i>pi21</i>) blast resistance	BC ₄ F ₆
44		WISH 110:2-5-2-1-1-3-1			(<i>pi21</i>) blast resistance	BC ₄ F ₆
45		WISH 110:2-5-2-12-1-4-1			(<i>pi21</i>) blast resistance	BC ₄ F ₆
46		WISH 110:2-5-2-22-1-1-1			(<i>pi21</i>) blast resistance	BC ₄ F ₆

