

Pollen-flower compatibility of hazelnut varieties grown in New Zealand.

Female parent	Pollinisers		Alexandra	Barcelona	Butler	Campanica	Ennis	Keen's Late	Kentish Cob	Lansing	M.de Bollwiller	Nocchione	Royal	T. di Giffoni	Tonda Romana	Whiteheart
	Alleles Expressed		?	1	3	1	1	?	8 14	3	5 15	1	3	2	10 20	10
Barcelona	1	2	?L		+E			+	+L	+E	+L		+		+M	+M
Butler	2	3	+E,M	+		+	+E	+L	+E		+E	+			+	
Campanica	1	2	?		+E			+	+	+L	+		+E		+L	L
Ennis	1	11	?M		+			+L	+E	+	+E		+	+	+	+
Keen's Late	?	?	?	?	+	?	+		?	+	+E	?	?	?	?	?
Kentish Cob	8	14	?E,M	+	+	+	+	?		+	+E	+	+	+	+	+
Lansing	1	3	?M,L					+	M		+M			+E	+E	+E
Merveille de Bollwiller	5	15	+M	+	+	+	+E	+L	+E	+		+	+	+	+	+
Nocchione	1	2	?		+E,M			+	+	+E,M,L	+L		+		+E,M	+M,L
Royal	1	3	?					+	+M,L		+M,L			+	+E	+E
Tonda di Giffoni	2	23	?	+E	+E	+	+M,L	?	+	+E,M,L	+	+E	+		+M,L	+L
T.G.D.L.	2	7	?	+	+	+	+	?	+	+	+	+	+		+	+
Tonda Romana	10	20	?	+	+	+	+E,M	?	+L	+E	+L	+	+	+E		
Whiteheart	2	10	+M	+	+	+	+	+L	+E	+E	+E	+	+			

	+ indicates that pollen is compatible with the flower of the female tree.
	A blank cell indicates an incompatible cross
?	A "?" indicates that the compatibility is unknown

Text indicates whether pollen of the male parent is shed early (E), mid-flowering (M) or late (L) in the flowering period of the selected female parent. Dates have been calculated from records taken at Wairata Forest Farm, Bay of Plenty. Variations may occur in other parts of New Zealand.