

Archive: Reaction of *Bremia* races Bl:1-31 to the EU-B set of differentials

	Green Towers	Lednický	UC DM2	Dandie	R4T57D	Valmaine	Sabine	LSE 57/15	UC DM10	Capitan	Hilde II	Pennlake	UC DM14	NunDm15	CGDm 16	NunDm17	Colorado	Ninja	Discovery	Argelès	RYZ 2164	RYZ 910457	Bedford	Balesta	Bellissimo
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Bl: 1	+	+	+	-	+	-	-	-	+	-	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-
Bl: 2	+	+	+	+	+	+	+	-	+	(-)	+	+	+	-	-	-	(-)	-	-	+	-	-	-	+	+
Bl: 3	+	-	-	-	+	+	+	+	+	-	+	+	(+)	+	-	-	-	-	(-)	-	-	(-)	(-)	-	+
Bl: 4	+	+	+	-	+	+	(-)	+	+	(-)	+	+	+	-	(-)	-	(-)	-	-	-	-	-	-	(-)	-
Bl: 5	+	+	-	+	-	-	-	+	+	-	+	+	-	+	-	(-)	-	-	(-)	-	-	-	-	-	-
Bl: 6	+	+	+	-	+	+	(-)	-	+	+	+	+	+	-	(-)	-	-	-	-	-	-	(-)	-	-	-
Bl: 7	+	+	+	+	+	-	+	+	+	-	+	+	+	(-)	-	-	-	-	-	-	-	-	-	-	-
Bl: 10	+	+	+	+	+	+	+	+	+	-	+	+	+	(-)	-	-	-	-	-	-	-	-	-	-	-
Bl: 11	+	+	-	-	+	+	+	+	+	-	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
Bl: 12	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
Bl: 13	+	+	-	+	-	+	(-)	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-
Bl: 14	+	+	+	+	+	+	+	-	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-
Bl: 15	+	+	+	+	+	+	-	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-
Bl: 16	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	-	-	-	-	-	-	-	-	-
Bl: 17	+	-	+	+	-	+	-	+	+	-	+	+	+	+	-	-	+	-	+	-	-	-	(+)	(-)	-
Bl: 18	+	+	+	-	+	+	+	+	+	+	+	+	-	-	+	-	+	-	-	-	-	-	-	-	-
Bl: 19	+	+	+	+	+	+	+	-	+	+	+	+	+	-	-	-	-	-	-	+	-	-	(-)	(-)	-
Bl: 20	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	-	-	-	-	-	-	-	(-)
Bl: 21	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	-	-	+	+	-	-	(-)	(-)	-	-
Bl: 22	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	+	-	-	(-)	-	-	(-)	+	-
Bl: 23	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	-	-	-	+	-	-	-	-	-
Bl: 24	+	+	+	-	+	+	+	+	+	+	+	+	-	-	+	-	+	-	-	+	-	-	-	-	-
Bl: 25	+	+	+	-	+	+	+	+	+	+	+	+	-	-	+	-	+	-	+	(-)	-	-	-	-	-
Bl: 26	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	+	+	-	-	-	-	-
Bl: 27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	-	-	+	+	-	(-)	+	-
Bl: 28	+	+	+	-	+	+	+	+	+	+	+	+	(-)	-	+	-	+	-	-	+	-	+	-	-	(-)
Bl: 29	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-	-
Bl: 30	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	+	+	-	-	+	+	-	-	-	-
Bl: 31	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+	-	-	-	+	+	-	-	-

Resistance is indicated with – or (-), susceptibility is indicated with + or (+). The brackets indicate a lower and sometimes variable level of expression of the phenotype.

Archive: Reactions of Bremia races BI: 1-8US to the A and B set of differentials

	original US race indication	GreenTowers/Colham Green	Lednický	UC DM2	Dandie	R4T57D	Valmaine	Sabine	LSE 57/15 (Blam)	UC DM10	Capitan	Hilde II	Pennlake	UC DM14	PIVT 1309	LSE/18	LS-102	Colorado	Ninja	Discovery	Argeles	Mariska	El Dorado	R32/Dm18	Amplus	NunDm15	CGDm 16	NunDm17 LOLR	RYZ 2164 (Silvinas)	RYZ-910457 (Murai-res)	Bedford	Balesta	Bellissimo			
Bl: 1aUS	CAIa	+	+	-	+	-	-	+	+	+	-	+	+	+	-	-																				
Bl: 1bUS	CAIb	+	+	-	+	-	-	+	+	+	-	+	+	+	+	-																				
Bl: 2aUS	CAIIa	+	-	+	+	-	+	+	+	+	-	+	+	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-		
Bl: 2bUS	CAIIb	+	+	+	+	-	+	+	+	+	+	+	+	+	-	-	-	-	+	-	-	-											+	+	-	-
Bl: 3US	CAIII	+	-	+	+	+	+	+	+	-	-	+	+	+	-	+	-	+	-	-	+	+	+	+	+	-	+	-	-	+	+	-	-	-	-	
Bl: 4US	CAIV	+	-	+	+	+	+	+	+	+	-	+	+	+	-	+																				
Bl: 5US	CAV	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	(-)	(-)	-										
Bl: 6US	CAVI	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	(-)											
Bl: 7US	CAVII	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	+	-	-	-	-	+	+	-	+	+	-	-	-	-	+	-	-	-	
Bl: 8US	CAVIII	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	-	-	+	+	+	+	(-)	+	+	-	-	-	+	-	-	-	

Diagnostic scores for pathotypes  

 Other scores. May vary and not weighted heavily in pathotype diagnosis.