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The International Bremia Evaluation Board for the EU (IBEB-EU) recently announced a new race of Bremia: Bl:36EU. Our tests confirm that a large part of the Vitalis lettuce portfolio is resistant to this new race and also resistant to the full range of Bremia races Bl:16-36EU. This document gives you an overview of all our lettuce varieties that have this new Bremia Bl:36EU resistance.

Variety	Colour ● = green ● = red ☒ = Greenhouse ☒ = Open field		Resistances	
			Hr	Ir
Butterhead Lettuce				
Donela	1		Bl:16-36EU/1-9US/Nr:0	
Sebastiano	2		Bl:16-27,29,32,34,36EU/1-8US	
Tatienne (E01D.30254)	2		Bl:16-32,34,36EU/1-9US/Nr:0	LMV:1
Brighton	1		Bl:16-36EU/1-9US	
Espelo (E01B.30276)	1		Bl:16-36EU/1-9US/TBSV	
Fakto	1		Bl:16-36EU/1-9US	
Fairly	1		Bl:16-34,36EU/1-8US/Nr:0/TBSV	
Iceberg Lettuce				
Acula	1		Bl:16-27,29,32,34,36EU/1-8US/Nr:0	LMV:1
Alcala	1		Bl:16-27,29,32,34,36EU/1-8US	
Botiola	1		Bl:16-27,29,32,34,36EU/1-8US	
Clarist	1		Bl:16-36EU/1-9US/Nr:0/Pb	
Eduardo	1		Bl:16-36EU/1-9US/Nr:0/Pb	
Etude	1		Bl:16-27,29,32,34,36EU/1-8US	
Juanola	1		Bl:16-27,29,32,34,36EU/1-8US	
Fernandola	1		Bl:16-27,29,32,34,36EU/1-8US	
Elmundo	1		Bl:16-36EU/1-9US/Nr:0	
Gemela	1		Bl:16-36EU/1-9US/Nr:0	
Oriola	1		Bl:16-27,29,32,34,36EU/1-8US/Nr:0	
Pikua	1		Bl:16-27,29,32,34,36EU/1-8US/Nr:0	
Severo (E01E.10155)	1		Bl:16-36EU/1-9US/Nr:0	
Tesela	1		Bl:16-27,29,32,34,36EU/1-8US	LMV:1
Vytalist	1		Bl:16-36EU/1-9US/Nr:0/Pb	

HR: High Resistance | IR: Intermediate Resistance. For an explanation of the resistance codes displayed please see page 3.

Variety	Colour ● = green ● = red  = Greenhouse  = Open field	Resistances	
		Hr	Ir
Batavia Lettuce Open			
Bovary	 	Bl:16-32,34,36EU/1-8US/Nr:0/TBSV	LMV:1/Fol:1
Olana	 	Bl:16-36EU/1-9US/Nr:0/TBSV	LMV:1
Ozeka (E01F.30352)	 	Bl:16-36EU/1-9US/Nr:0/TBSV	LMV:1
Flexila (E01F.30350)	 	Bl:16-36EU/1-9US/Nr:0/TBSV	LMV:1/Fol:1
Melina	 	Bl:16-32,34,36EU/1-9US/Nr:0/TBSV	LMV:1
Serrana	 	Bl:16-32,34,36EU/1-8US/Nr:0/TBSV	LMV:1
Ginko	 	Bl:16-32,34,36EU/1-8US/TBSV	
Ferega	 	Bl:16-36EU/1-9US/TBSV	
Zoraga (E01A.30410)	 	Bl:16-36EU/1-9US/TBSV	
Batavia Lettuce Heading			
Lioba	 	Bl:16-27,29,32,34,36EU/1-8US	LMV:1
Romaine Lettuce			
Jeluna	 	Bl:16-32,34,36EU/1-8US/Nr:0/TBSV	
Totana	 	Bl:16-32,34,36EU/1-8US/Nr:0/TBSV	LMV:1
Romaine Lettuce Mini			
Xalbadora	 	Bl:16-36EU/1-9US/Nr:0/TBSV	LMV:1
Xamena	 	Bl:16-36EU/1-9US/Nr:0/TBSV	LMV:1
Xenalora	 	Bl:16-32,34,36EU/1-8US/Nr:0	LMV:1
Khan	 	Bl:16-27,29,32,34,36EU/1-8US/Nr:0	LMV:1
Xaroma	 	Bl:16-27,29,32,34,36EU/1-8US/Nr:0/TBSV	LMV:1
Xavira	 	Bl:16-27,29,31,32,34,36EU/1-9US/Nr:0/Pb	LMV:1
Ovired	 	Bl:16-21,23-26,28-36EU/1-9US	
Moonred	 	Bl:16-26,28-36EU/1-9US/TBSV	LMV:1

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Variety	Colour ● = green ● = red	 = Greenhouse  = Open field	Resistances	
			Hr	Ir
Little Gem Lettuce				
Albara	1		Bl:16-27,29,32,34,36EU/1-8US/Fol:1/Nr:0	LMV:1
Alborada	1		Bl:16-36EU/1-9US/Fol:1/Nr:0/TBSV	
Alcazaba	1		Bl:16-36EU/1-9US/Nr:0	LMV:1
Aldea	1		Bl:16-32,34,36EU/1-8US/Nr:0	
Maureen	1		Bl:16-21,23-26,28-36EU/1-9US/Fol:1/Pb	
Carterham	1		Bl:16-36EU/1-9US/Fol:1/Nr:0/Pb	LMV:1
Oakleaf Lettuce				
Avenir	1		Bl:16-36EU/1-9US/Nr:0/TBSV	LMV:1
Stelix (E01L.30313)	2		Bl:16-34,36EU/1-9US/Nr:0/TBSV	LMV:1
Kaftan	2		Bl:16-32,34,36EU/1-9US/Nr:0/Pb/TBSV	
Lollo Rossa & Lollo Bionda				
Azirka (E01L.30190)	2		Bl:16-36EU/1-9US/Nr:0/TBSV	LMV:1
Babyleaf				
Celinet	1		Bl:16-36EU/1-9US/Nr:0/TBSV	LMV:1
Oaking	1		Bl:16-36EU/1-9US/Nr:0	LMV:1
Sadawi	2		Bl:16-36EU/1-8US/Nr:0/TBSV	

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Explanation of used abbreviations

Lettuce	Code	English name	Scientific name pathogen ISF	Races/Strains	Level of resistance
Viruses	LMV	Lettuce mosaic	Lettuce mosaic virus	1	IR
	TBSV	Lettuce die-back	Tomato bushy stunt virus		HR
Bacteria	Ss	Corky root	Sphingomonas suberifaciens (ex Rhizomonas suberifaciens)		IR
Fungi	Bl	Downy mildew	Bremia lactucae	16-36EU	HR
	Fol	Fusarium wilt	Fusarium oxysporum f.sp. lactucae	1	IR/HR
Insects	Nr	Lettuce leaf aphid	Nasonovia ribisnigri	0	HR
	Pb	Lettuce root aphid	Pemphigus bursarius		HR