



CODE FOR RESISTANCE HARMONIZATION

ESA_16.0776.1

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The ESA Code for resistance harmonisation has been designed by ESA to improve transparency to vegetable growers.

Vegetable seed companies are recommended to make use of the ESA Code in their catalogues, on their websites and in all other forms of product information

Brassica				
Scientific name pathogen ISF	Abbreviation	Races/Strains	Level	Example variety
Xanthomonas campestris pv. campestris	Xcc		IR	Tenacity
Albugo candida	Ac		HR	Surveyor F1 (Broccoli, Bejo)
Fusarium oxysporum f.sp. conglutinans	Foc	race 1	HR	Quisor (Syngenta)
Mycosphaerella brassicicola	Mb		IR	Darwin (Syngenta)
Hyaloperonospora brassicae (ex Peronospora parasitica)	Hb		HR	Everest (Broccoli)
Plasmodiophora brassicae	Pb	0	HR	Lodero (red cabbage) Kilaton (cabbage) 051632 (cabbage) Monclano (broccoli) Clapton (cauliflower) Crispus (Brussel sprout)
Plasmodiophora brassicae	Pb	1	HR	Lodero (red cabbage) Kilaton (cabbage) Monclano (broccoli) Clapton (cauliflower) Crispus (Brussel sprout)
Plasmodiophora brassicae	Pb	2	HR	Lodero (red cabbage)
Plasmodiophora brassicae	Pb	3	HR	Kilaton (cabbage) 051632 (cabbage) Monclano (broccoli) Clapton (cauliflower) Crispus (Brussel sprout)