



CODE FOR RESISTANCE HARMONIZATION

ESA Number ESA_16.0791.1

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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

Spinach				
Scientific name pathogen ISF	Abbreviation	Races/Strains	Level	Example variety
Albugo occidentalis	Ao		IR	Fall Green (O.P.)
Cladosporium variable	Cv		IR	Alloute
Colletotrichum dematium	Cd		IR	Palaos
Fusarium oxysporum f. sp. Spinaciae	Fos		Resistance commercially available	
Peronospora farinosa f.sp. spinaciae	Pfs	1-15	IR/HR	ISF differential set
Stemphylium botryosum	Sb		Resistance commercially available	
Cucumber mosaic virus	CMV		HR	Virkade

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