



CODE FOR RESISTANCE HARMONIZATION

ESA Number ESA_16.0784.1

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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

Melon				
Scientific name pathogen ISF	Abbreviation	Races/Strains	Level	Example variety
Golovinomyces cichoracearum (ex. Erysiphe cichoracearum)	Gc	1	IR	Flores, Anasta, PMR5, Nantais Oblong
Fusarium oxysporum f.sp. melonis	Fom	0	HR	Jador, Joker, Vedrantaïs
Fusarium oxysporum f.sp. melonis	Fom	1	HR	Jador, Joker, Charentais Fom2
Fusarium oxysporum f.sp. melonis	Fom	2	HR	Jador, Vedrantaïs
Fusarium oxysporum f.sp. melonis	Fom	1.2	IR	Lunasol, Manta, Isabelle, Jador
Podosphaera xanthii (ex. Sphaerotheca fuliginea)	Px	1	IR	Anasta, PMR45, WMR 29, EDISTO 47, PMR 5
Podosphaera xanthii (ex. Sphaerotheca fuliginea)	Px	2	IR	Flores, Enzo, Anasta, WMR 29, EDISTO47, PMR5
Podosphaera xanthii (ex. Sphaerotheca fuliginea)	Px	3	IR	WMR 29, EDISTO47
Podosphaera xanthii (ex. Sphaerotheca fuliginea)	Px	5	IR	Enzo, Flores, Anasta, PMR5
Podosphaera xanthii (ex. Sphaerotheca fuliginea)	Px	3.5	IR	AR-Hale's Best Jumbo
Aphis gossypii	Ag		IR	Virgos, Topmark-AR, Stelio
Cucumber mosaic virus	CMV		IR	Virgos, Lunaduke
Cucurbit Yellow Stunting Disorder Virus	CYSDV			Resistance commercially available
Melon Necrotic Spot Virus	MNSV	0	HR	Virgos, Primal, VA435
Papaya ringspot virus (ex WMV-I)	PRSV		IR	WMR29
Watermelon mosaic virus (ex WMV-II)	WMV		IR	PI482420
Zucchini yellow mosaic virus	ZYMV		IR	PI414723