

## New race *Peronospora Effusa* (Pe: 20) Nominated

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Downy mildew, also known as *Peronospora effusa*, stands as a prevalent fungal infection for spinach growers.

The International Working Group for *Peronospora effusa* (Pe) (IWGP) focuses on denomination of new races of the spinach downy mildew pathogen. In 2023, many Pe isolates with a new virulence pattern were reported from the USA and Europe, leading to the designation of race Pe: 20. This new race poses a significant threat to the global spinach industry, requiring resistance measures.

Spinach is a key crop in BASF's portfolio. Providing best-in-class solutions to our customers is always our priority. Pe resistance is a key trait in our spinach breeding program. We are continuously monitoring the development of *Peronospora* within our future varietal breeding. See below varieties with Pe: 20 resistance in our current commercial portfolio.

Segment	Variety	<i>Peronospora</i> resistance HR Pe
Fresh	Hydrus F1	Pe: 1-18, 20
	Canopus F1	Pe: 1-15, 17-20
	Minkar F1	Pe: 1-20
	Regor F1	
	Nembus F1	
	Tabit F1	
	Dracus F1	
	Crater F1	
	Spirico F1	
	Seginus F1	

Contact our Vegetable Seed Specialist:

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