



HM.CLAUSE launching first Tomato Brown Rugose Fruit Virus (ToBRFV) resistant tomato varieties.

The first launch will start in Mexico with two saladette varieties that will be introduced at the Expo Agroalimentaria Guanajuato in November 2022.



This launch will be followed in 2023 by new variety introductions in other key tomato markets including Italy, where a group of cherry and cluster type ToBRFV resistant varieties are being trialed on a large scale this fall and winter season. Validation trials are also in progress in Spain and the Middle East where ToBRFV infection has been confirmed.

HM.CLAUSE

Rue Louis Saillant – Z.I. La Motte – BP 83
26802 Portes-lès-Valence cedex – FRANCE
Tél. +33 (0)4 75 57 57 57 – Fax +33 (0)4 75 57 34 94
www.hmclause.com

S.A. au capital de 10 061 492,50€
SIREN 435 480 546 – RCS Romans-sur-Isère
N° TVA FR 60435480546

“The last years, HM.CLAUSE has been working in developing a pipeline with IR resistance to ToBRFV, focusing on different tomato segments like Saladette, Cherry, Round Loose and Specialties. Thanks to our elite germplasm and R&D resources, we will be able to deliver value to growers with varieties that provide high agronomic performance and an effective IR resistance to ToBRFV,” says Jose ARAUZ – HM.CLAUSE Tomato Marketing Portfolio Lead. “Our ambition is to deliver a proven solution to our customers without compromising on any of our tomato variety quality attributes.”

ToBRFV is a highly virulent very aggressive virus that can cause severe infection on tomatoes. It was first discovered in late 2014 in Israel and since then rapidly spread to Jordan (2015), then to Mexico and has now been identified in multiple countries worldwide.

After ToBRFV disease was discovered, a very active search for resistance sources was immediately initiated. HM.CLAUSE, through Limagrain upstream research, contributed to a network of internal and external collaborative discovery projects on ToBRFV using different approaches. This resulted in Limagrain being the first company to file a patent on ToBRFV resistance in tomato in 2017.



Whereas the first generation of tomato hybrids resistant to ToBRFV is being commercialized, Limagrain discovery programs continue to work intensively to find resistances against potential emergent more aggressive forms of this devastating virus.

While looking for resistance sources, HM.CLAUSE closely collaborates with its customers to help them contain the virus propagation. HM.CLAUSE has supported farmers to detect the virus and control further spread and crop loss. The seed company also provides its customers with enhanced prophylactic measures to prevent contamination and supplies its Indeterminate Tomato Portfolio with GSPP seeds.

More than ever HM.CLAUSE proves its tomato know-how and strengthens its leadership and its close link with growers. Providing growers with innovative and concrete solutions enable them to improve the quality of their production in a sustainable way.

As a global innovative leader in tomato breeding, HM.CLAUSE works all year long to research, develop, test, produce and supply tomato seeds. HM.CLAUSE has a long-lasting tomato (love) story and have been breeding tomatoes for over 70 years.

Its portfolio registers over 300 commercial varieties with new exciting varieties being developed and launched every year, including Beef, Round, Oval, Saladette, Elongated, Marmande, cherry-cocktail, oxheart and many more!

More information : <https://hmclause.com/hm-clause-launching-first-tomato-brown-rugose-fruit-virus-tobrfv-resistant-tomato-varieties/>

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HM.CLAUSE is a global vegetable seed company dedicated to meeting local needs through global diversity, and is committed to innovation inspired by worldwide partnerships in the scientific, industrial, and commercial fields. An innovative company whose core business is plant breeding, HM.CLAUSE specializes in the development, production, and sales of vegetable seeds worldwide. In 2008, Harris Moran Seed Company (USA) and Clause (France) were grouped together under the HM.CLAUSE Business Unit of Limagrain. HM.CLAUSE generated 359 euro million in annual sales in 2021 and employs more than 3100 people full-time located in over 30 countries around the world. Its main markets are USA, Mexico, Spain, Italy and France. HM.CLAUSE is n°1 worldwide for seeds of melon, squash, pumpkin, corn salad and fennel, n°2 for hot peppers and beans and n°3 for tomato, sweet corn and cauliflower. Its investments in research and breeding represent 18 % of annual sales. The organization coordinates breeding for 24 species and has more than 800 people actively engaged in research and development activities. HM.CLAUSE is a Business Unit of Limagrain, an international agricultural co-operative group, specializing in field seeds, vegetable seeds and cereal products. Founded and managed by French farmers, Limagrain is the 4th largest seed company in the world and the first seed company for vegetable seeds.

Attachments :

- . Logo IR ToBRFV
- . Saladette varieties pictures

Press contact :

Véronique LAFANECHERE
EMEA Marketing Communication
Manager
Tel: +33(0)426 523 170
Mobile : +33(0)642 210 472
veronique.lafanechere@hmclause.com

More information :

Jose ARAUZ
Tomato Marketing Portfolio
Lead
Tel.: +33(0)475 575 218
jose.arauz@hmclause.com