

Nexgen Plants

Nexgen Plants Pty Ltd is an advanced trait company that was formed on the back of a \$2m seed round from two venture capital firms. The company is commercialising two platform technologies: a low cost intragenic (non-GM) breeding platform that enables pathogen resistance, production and consumer traits to be introduced into economically important crops; and a virus resistance platform that is based on the discovery of a new class of small plant virus RNA molecules (miRNA) involved in modulating a plant defence response to virus attack.

The company has agreements with Syngenta and a major food and beverage multinational and has completed proof of concept across a range of traits including virus resistance, fungal resistance, salt tolerance, increased anthocyanin levels, and fruit shape. This has been undertaken in tomatoes, rice, sorghum and potato.

Nexgen Plants is in commercial discussions with a number of seed companies and is currently raising a Series A round.