

Origin Agritech unveils Rapid Gene-Editing method and nitrogen efficient corn in updated deck

01 November 2023 | News

Origin Agritech Ltd., a leading Chinese agricultural technology company, has developed a new gene-editing method that significantly shortens back cross procedures from 4-5 years to just 1 year, and the creation of nitrogen-efficient corn to enhance crop health and potential yield.



Origin Agritech Ltd., a leading Chinese agricultural technology company, has developed a new gene-editing method that significantly shortens back cross procedures from 4-5 years to just 1 year, and the creation of nitrogen-efficient corn to enhance crop health and potential yield.

In crop seed biotechnologies, Origin Agritech's phytase corn was the first transgenic corn to receive the Bio-Safety Certificate from China's Ministry of Agriculture. Over the years, Origin has established a robust biotechnology seed pipeline including products with glyphosate tolerance and pest resistance (Bt) traits.

Origin's elite hybrid corn (germplasm) use gene editing to turn on & off genes to create what customer wants (i.e. high protein). Furthermore it integrate GMO traits into new variety (herbicide and insect resistance) to make corn even better with higher yield. Nutritionally enhanced corn (NEC) eliminates the need for expensive additives in hog feed, doubles feedstock companies' margins while the Feedstock industry in China hits a \$75 billion market.

Origin Agritech produced GMO commercial seed in 2023 along with 2nd & 3rd generation BT & GT GMO corn in safety certificate approval process. Further its drought resistance GMO corn is in final stage of safety certificate approval to encourage large-scale commercial production of NEC corn in 2023.

Going forward Origin Agritech will speed up Gene editing innovations using leading tech to create corn varieties to meet customers' needs. Future expansion will involve growing into vertically integrated Ag Company.