

Seedlings Grown in Vertical Farming for Dairy Cattle Feed

Strategic collaboration with the Granot Group to develop and commercialize elite wheat varieties*



Dairy cattle feed market**
\$68.5B in **2021**
expected to grow to
\$78.3B by **2026**



A dairy cow's daily feed cost
\$6 to **\$9**



Seedlings can replace up to
30% of cow's feed



Main goals:

- ✓ Reducing dairy cattle feed cost
- ✓ Improving cow's nutrition and health
- ✓ Minimizing the environmental footprint

* By the Company's subsidiary in Canada.

** <https://www.marketdataforecast.com/market-reports/dairy-cattle-feed-market>

*** In comparison to hundreds of commercial elite varieties tested by the Company.

**** The dairy cows daily feed cost, the percentage of feed replacement, the successful development of the elite varieties, the establishment of the equally owned company, the products' commercialization date, the Company's entitlement for revenues from end-product sales, the potential market size and the partnership's revenues from the products' commercialization, are based on the Company's estimations and forecasts, based on market research and assumptions of the market size and market penetration rate, and may occur in a different way than expected, or not occur, due to factors beyond the Company's control.

● **August 2022**
Collaboration agreement with Granot Group

● **November 2022**
First milestone: identification of wheat varieties that are optimal for seedling growth***

● **2023**
Evaluation of additional crops suitable for vertical farming

● **2024**
Expected establishment of a JV (50%-50%) for worldwide wheat grains production and commercialization

● **2024**
Expected launch of the first elite varieties for commercialization