

ABSTRACT

Disclosed is a mechanised crop farming system which may provide a closed loop zigzag conveyor path for transporting crop holders to within an operational reach of a fluid reservoir wherein the crop holders may be moved through the fluid reservoir for providing irrigation to and/or fluid circulation within each crop holder. The zigzag path may further transport crop holders to outside the operation reach of the fluid reservoir wherein the crop holders may be repositioned or staggered among multiple positions along lateral and/or vertical directions to ensure each crop holder receives at least a predetermined light exposure over a duration.

[Figure 1B]