

ABSTRACT

The use of pesticides in agriculture has been a long-standing practice to control pests and increase crop yields. However, traditional pesticide sprayers often require a significant amount of manual labor and energy consumption, which can be both time-consuming and costly. In response, this project proposes a new design for a free-powered pesticide sprayer that is both energy-efficient and environmentally friendly. Through the implementation of this innovative design, farmers and agricultural workers can reduce their environmental impact while still effectively controlling pests and protecting their crops. Furthermore, the reduced energy consumption of the sprayer can lead to significant cost savings and improve the overall sustainability of agricultural practices.

KEYWORDS: Farming , Seed Sowing , Pesticide , Agriculture.