

## Market

Current demand for vanilla in the U.S. totals 2000 tons. The value of this industry exceeds one-billion dollars, even as suppliers fail to meet market demand. The target customers for the vanilla pollination and harvest drone (VPHD) would be agricultural and food production businesses. Potential consumers of the vanilla products include diabetics, IBS patients, and young to middle-aged women.

## **Avant-Nilla**



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## **Don't We All**

## Product/Service

Avant-Nilla is an agricultural company focused on innovating the growing and harvesting processes of the vanilla orchid. The company's primary product will be the 'Vanilla Process and Harvest Drone', also known as VPHD. This VPHD is created with the purpose of expanding the vanilla market into the U.S. by reducing the associated labor costs and increasing individual plant yields.

## Offering

Avant-Nilla's offering will be a purchase agreement on inventory in exchange for staff and infrastructure as well as legal protections. The contract holder has rights to 70% of inventory while not being held liable for Avant-Nilla's actions.



## Operations

The VPHD will maintain observation over multiple plants and assess the proper time for the application of the pollen diffusion gel. Pilot program will produce 3,600 pounds amounting to \$979,776. This program would be located in Puerto Rico and encompass an eight-acre farm with testing facilities.

## Intellectual Property

IP's include the software used to operate the drone, the design of the drone, and the process the drone uses to pollinate the vanilla orchids. Patent protections may necessitate a plant patent as well, should the vanilla orchids require adjustment to the new environment. The market has currently overlooked the potential of self-pollination drones and has allowed Avant-Nilla the potential to claim these unique patents.

