BEE POLLINATION OF AGRICULTURAL CROPS ACCOUNT FOR 1/3 OF OUR DIET.
COLONY COLLAPSE DISORDER HAS LED TO AN INCREASE IN BEEKEEPING, YET THE USE OF PROTECTION IS STAGNATE.
During inspections of honeybee hives, 80% are not protected. Why?

* Calculations from our interviews and observation
same design since 1800’s

1. Sun hat with face veil
2. Long gloves
3. Full zip cover all
4. Elastic bands

standard 5 piece Suit

95s
Gerald
Commercial beekeeper
Age 27
“I would rather risk getting stung than have to put the whole suit on”

Gerald only puts on the suit if he feels the bees are angry or during the harvesting time. He prefers not to wear the suit due to heat and discomfort.

Needs:
Feel of being outdoors
Easy to put on
Faster way to get dressed
Attack Zones
Attack Zones

Body Heat Zones
Attack Zones

Body Heat Zones

Taught Fabric Areas
Design Intent:

Provide a safe suit for beekeepers that will improve comfort, breathability while retain protection from being stung in the effort to increase use.
VOLUMETRIC TRIPLE MESH

OUTER LOW DENSITY COTTON FABRIC

NET

INNER HIGH DENSITY COTTON FABRIC

.2mm