## **Drone-based Thermal Imaging System**

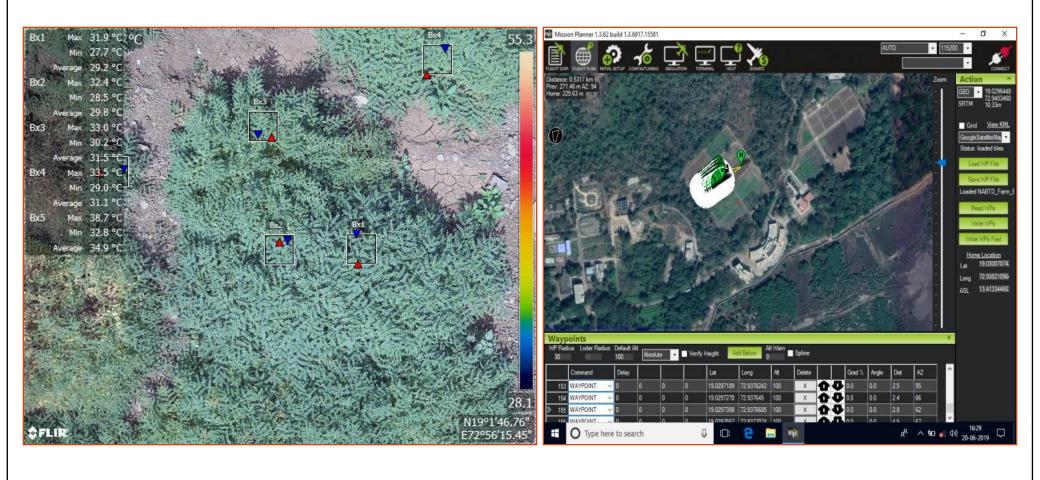




Unmanned Aerial Vehicle with payload

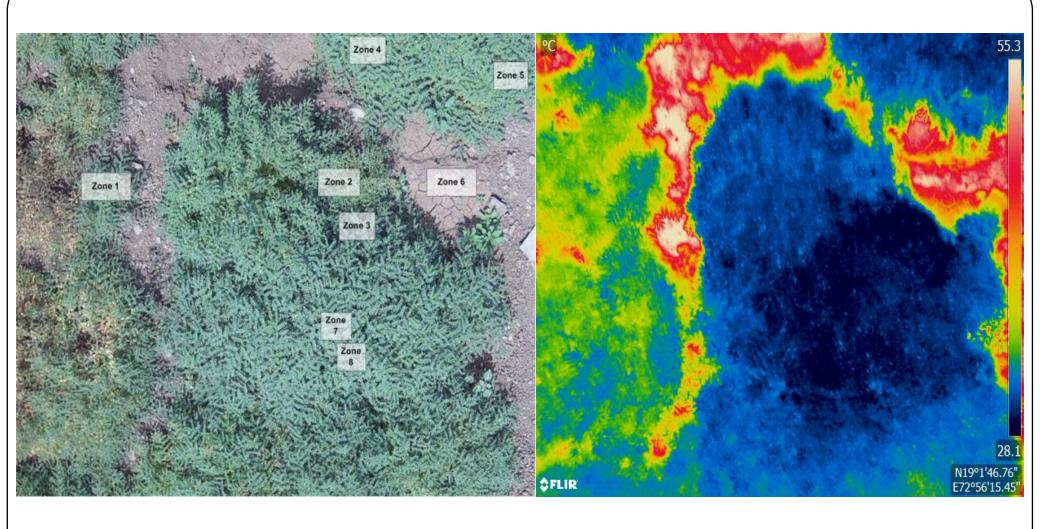
Qualification trials for survey mission

The system captures thermal and colour images of crop with high-resolution thermal and visible-light imager. Drone navigates along pre defined path and capture thermal images autonomously. The thermal cue from captured images undergoes further analysis. Qualification trials have been conducted at NA&BTD farms near Gamma field.



Crop image with thermal statistics

Mission planner & Navigation interface



Colour & thermal images from a low altitude flight