

Technology used in Settlement of PMFBY Loss Estimation

1. Project on Drone based study to

District covered: Beed

Date: 4th October 2016

Villages: Takrawan village (Majalgaon Tehsil) and Sautada Village (Patoda tehsil)

Crops- Soybean, Cotton

Height at which drone was flown: 100 mts

Highlights of study:

The pilot study of drone based loss estimation was done after the flooding events in Beed during 1st week of October 2016. Objective of the study was to identify the pockets of field having cotton and soybean crop which were affected by floods.

Capture of Damage plots through Drone Imagery in Beed District on 4th Oct 2016 after Heavy Rainfall.



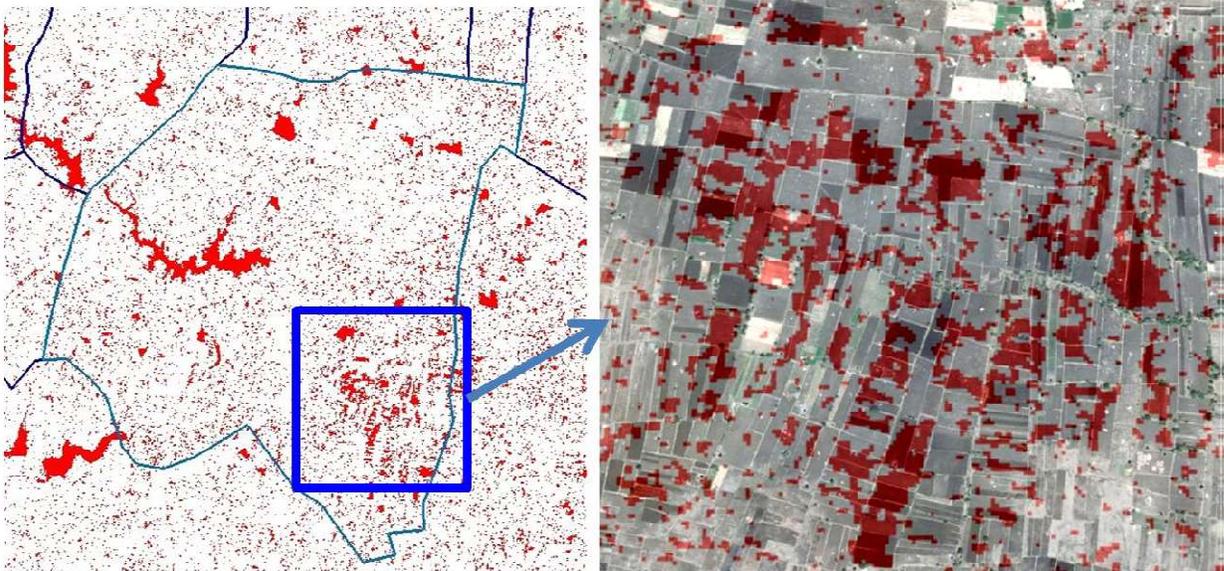
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**Damage Estimation in Takrawan Village(Majalgaon Tehsil) in Beed District
using Drone Images in combination with Satellite Image.**



Particulars	% Area
Water	0.3%
Good Crop	28.9%
Partial crop damage	7.6%
High crop damage	1.4%
Others (Built Up etc)	61.8%

Identification of Water logging areas in Sautada Village (Patoda Tehsil) of Beed



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