

## मि > Prakshep

Live Autonomous Smallholding Farm Surveillance

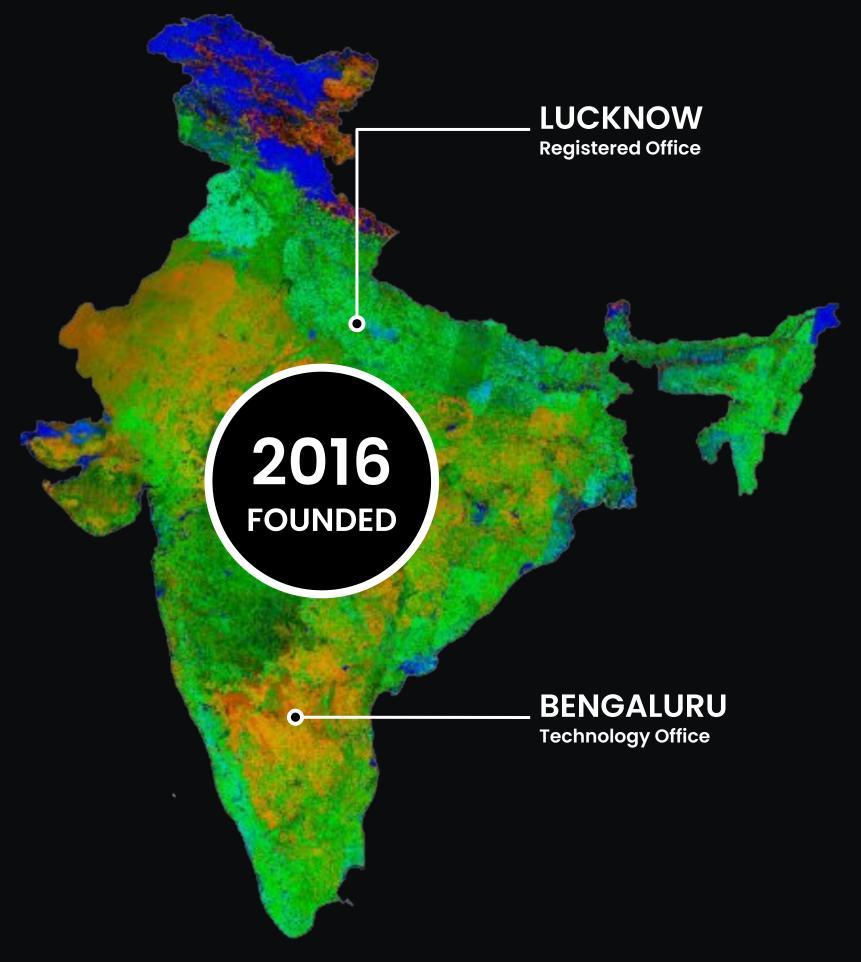
India, Earth & Beyond 2021

#### About

## Prakshep

Agribusinesses are the backbone of our economies, Prakshep enables them Grow Informed & Better.

Now monitoring 1.6+ Million farms in real time, helping farmers and farming businesses to autonomously assess risk, plan operations, increase productivity, and save resources across India & USA.



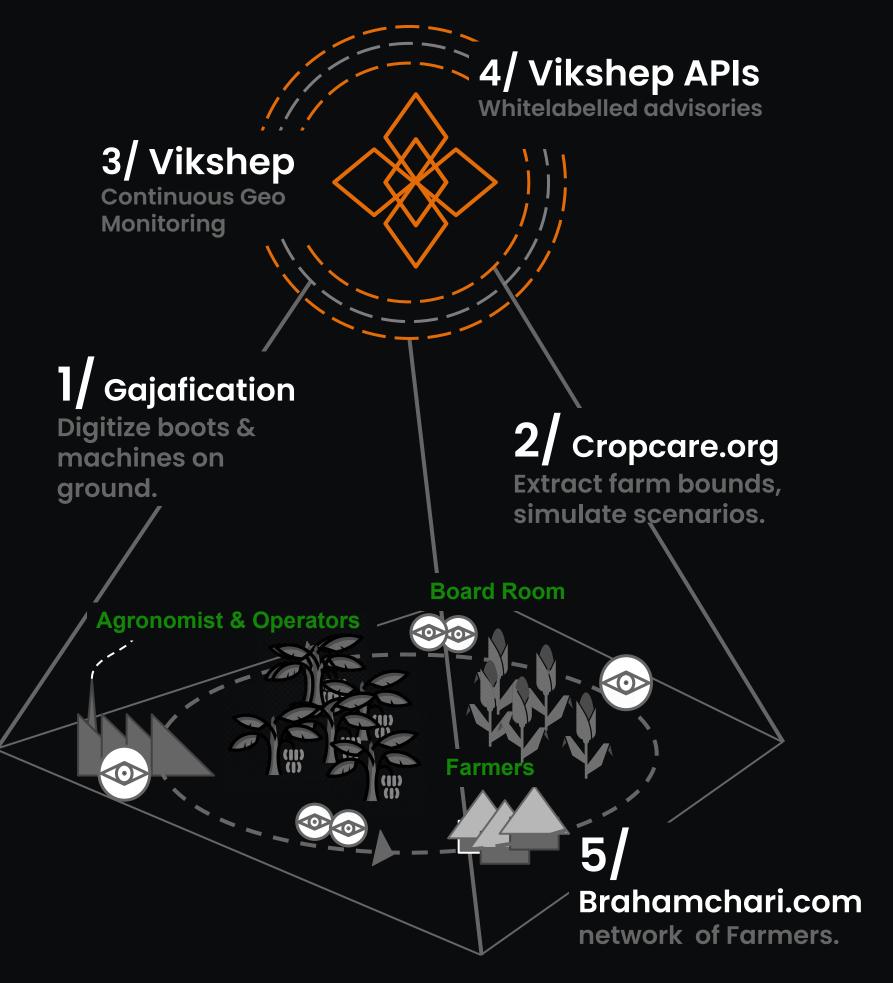
### Prakshep Services enable

## Confidence

AgriBusinesses utilizing neural networks to automate efforts at scale

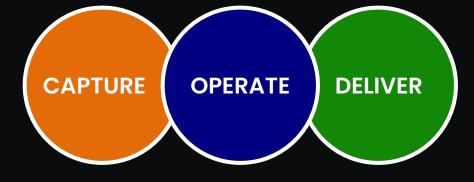
Early Detection & Delivery of AgData helps businesses in





#### Autonomous

## Offerings



### Cropcare.org

Create farmers' farm profiles.

- Automatic advisories.
- Customised marketing.
- 100% Private, NO DATA leaves client's cloud.

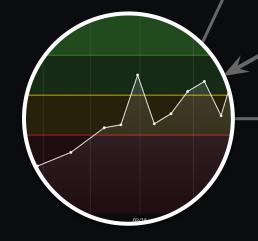
#### Gajafication

Solid evidence as GAJA.

### Vikshep.com

Farm Management

- Irrigation Advisory
- Spraying Advisory
- Farm Risk Mitigation



#### Brahamchari.com

**Comprehensive Maps** 

- Maps of Farmers.
- Maps as News.
- Maps for CXOs..

#### Understandable Farm Surveillance

## Vikshep.com

70% SCOUT TIME 25% CHEMICALS 15% YIELD 40% EXPORTABILITY

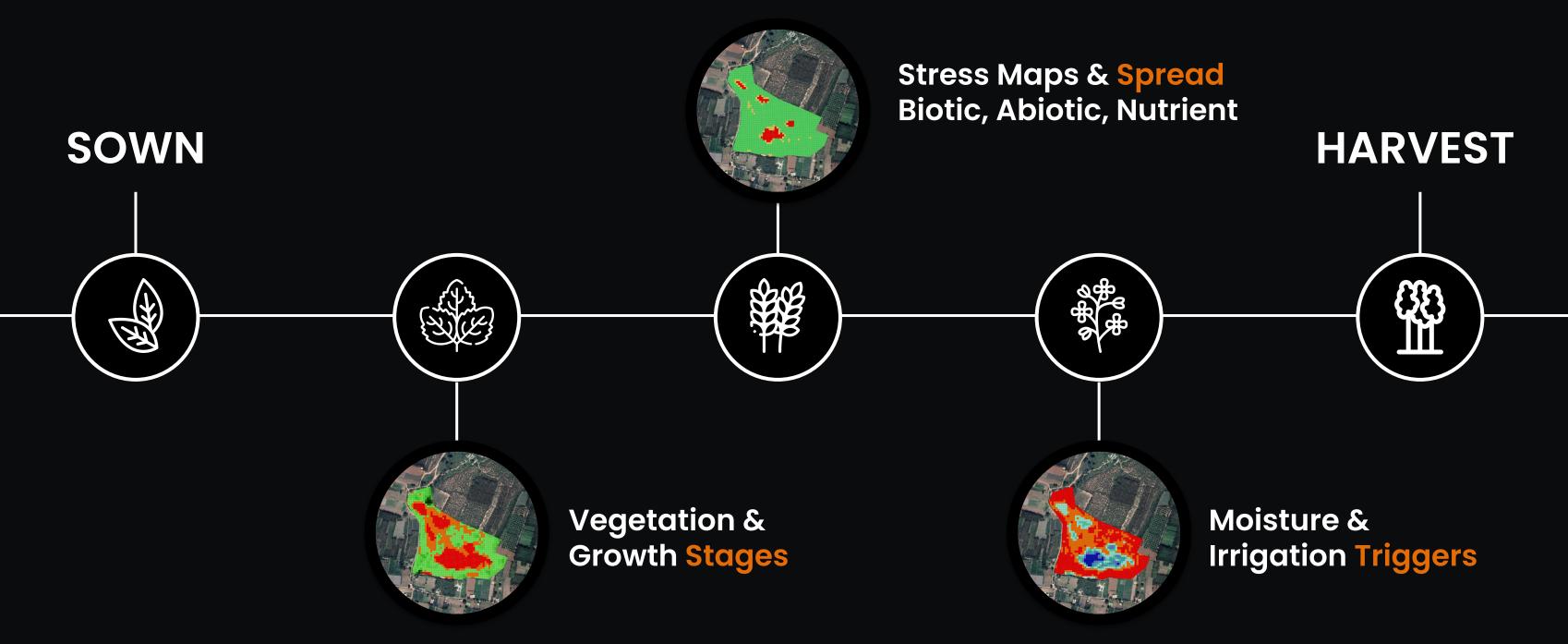
SAVE ENHANCE



#### Dashboard & Visualization

### Data as APIs





# PrakshepVerse

### Manage Multiple

## Crop Portfolios









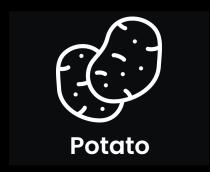








































#### Save More!!

For companies within larger demographics

### Scout Farms

70-90%

10-30%

Chemical

40-60%

Cost

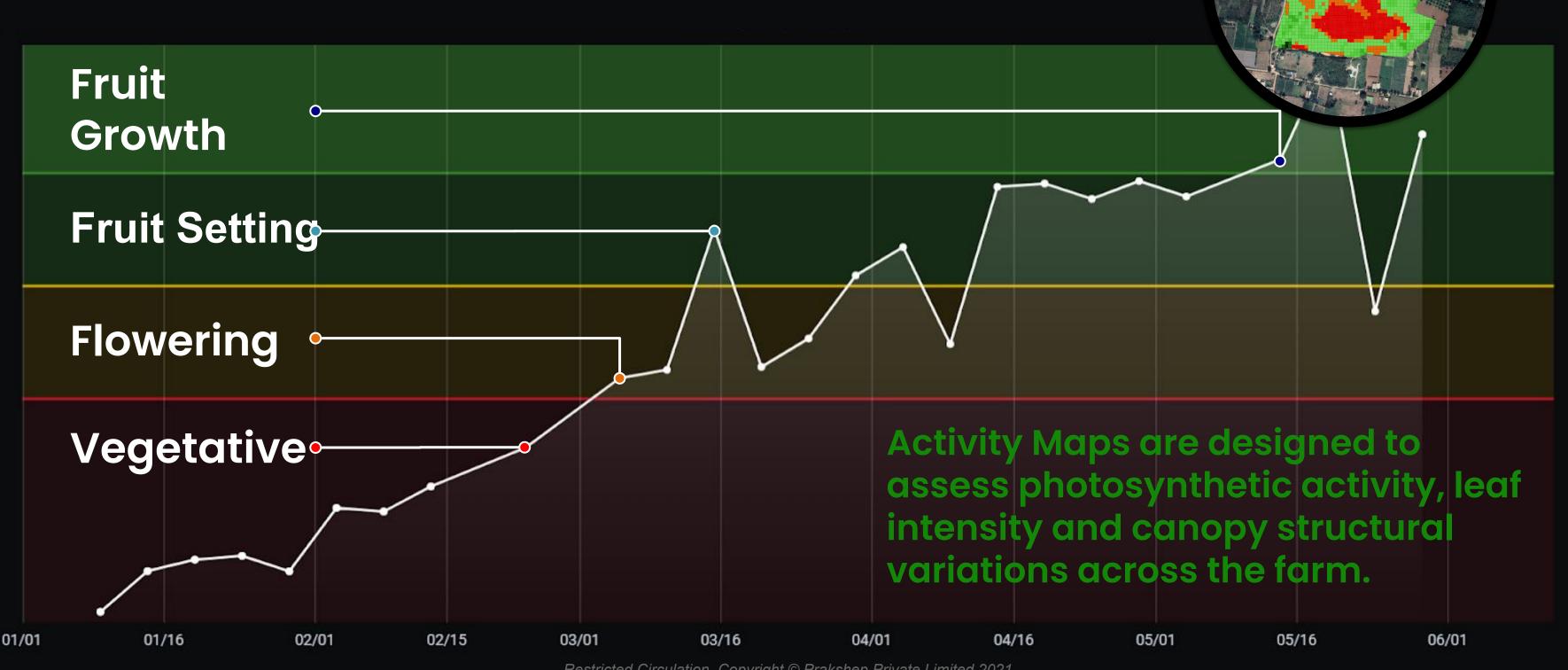


Visit

**FARM** 

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## Autonomous Activity & Stage Tracking Sowing to Harvest & activities in between



Track

## Activities

### Harvested

2021-06-01





Crop

Sown-2021-02-05

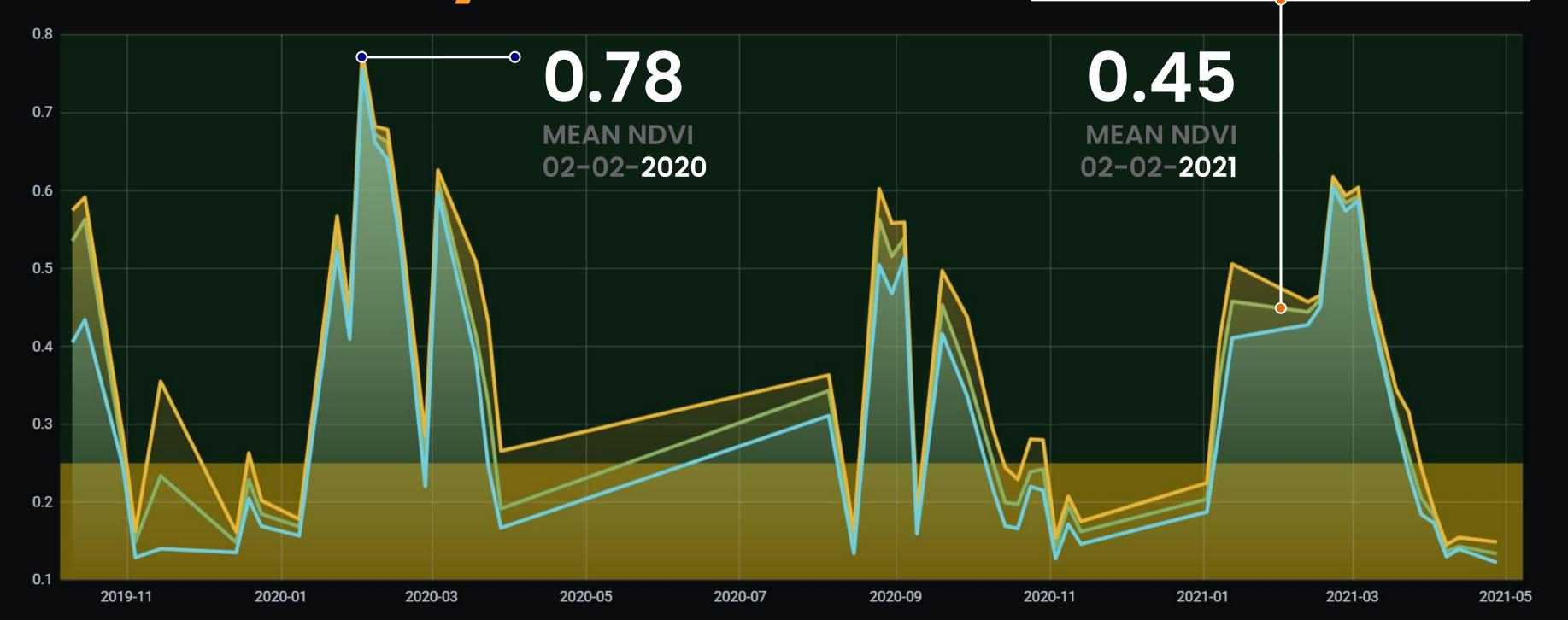
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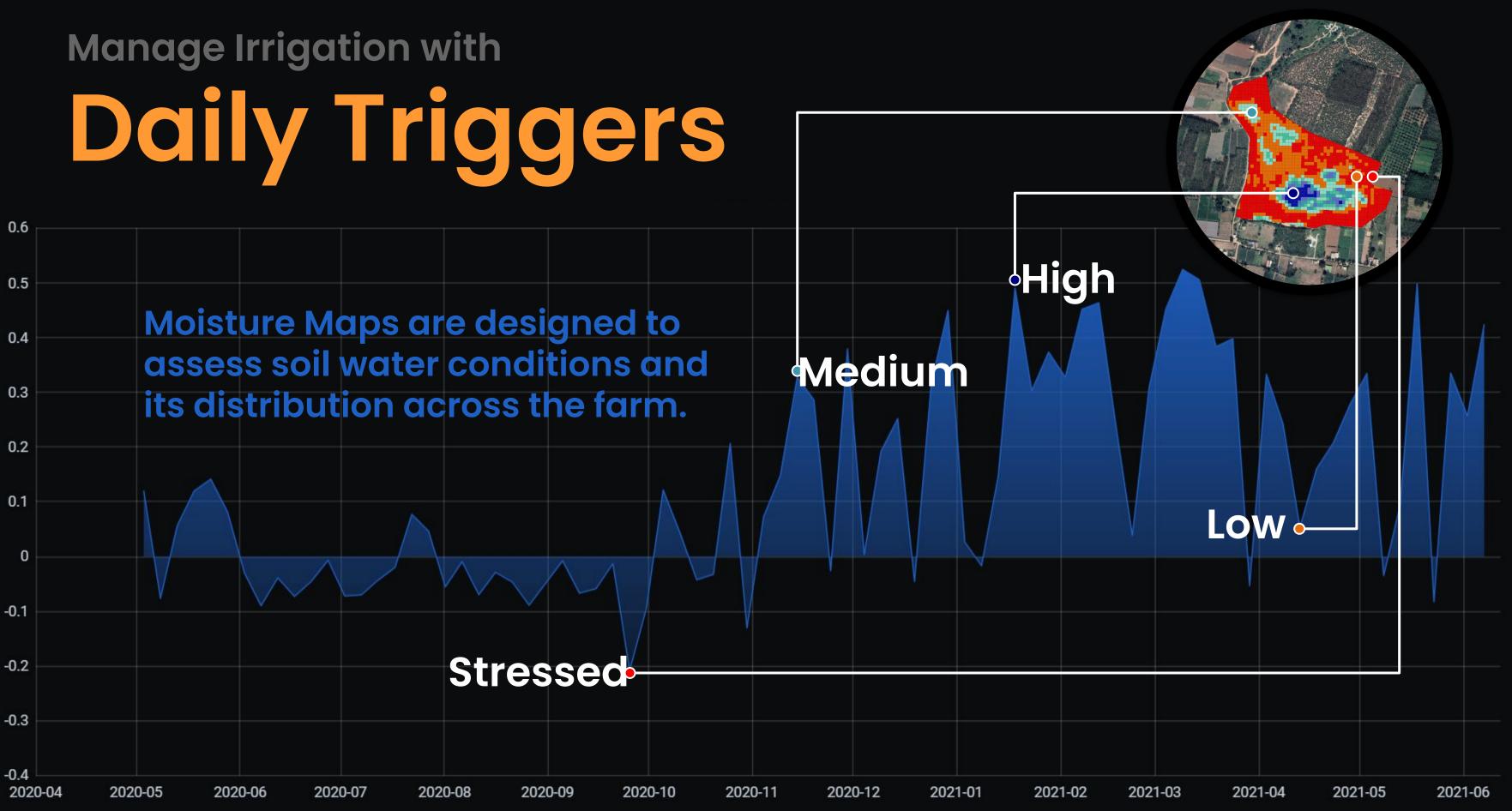
Year-On-Year Change

## Visibility



### DELAYED HARVEST





### **Early Stress Detection to**

## Maximize Quality



	min	max	avg	current
- Biotic Stress	5.7%	31.4%	18.2%	31.4%
- Abiotic Stress	0%	22.9%	9.1%	14.3%
Nutrient Stress	0%	20.0%	11.9%	5.7%

### Biotic Stresses

- Biotic Stress Maps are designed to assess damages done to crop by other living organism such as bacteria, viruses, fungi, parasites, beneficial and harmful insects, weeds etc
- Targeted Survey for early Control: To survey which plots & the locations within.





STRESSED



HEALTHY



### Abiotic Stresses

- Abiotic Stress Maps are designed to assess negative impact of non-living factors on the living organisms in a farm.
- Proper Irrigation
   management : Check
   Irrigation of the Plots at
   Stressed locations







STRESSED



HEALTHY

### Nutrient Stresses

- Nutrient Stress Maps are designed to assess deficiency of nutrients in soil
- Soil Sampling Locations: To check for deviations within plots' soil.







STRESSED



HEALTHY

Crop S-II Classification FIELD CROPS **FRUITS** S-VI **PLUSES** ∘ S-IV S-VII-**SPICES** 

**OIL SEEDS** 

PLANTATION

S-III

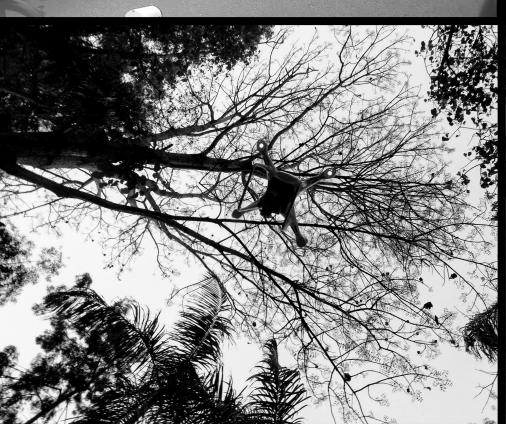
VEGETABLE

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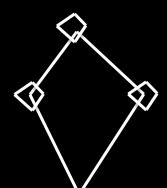


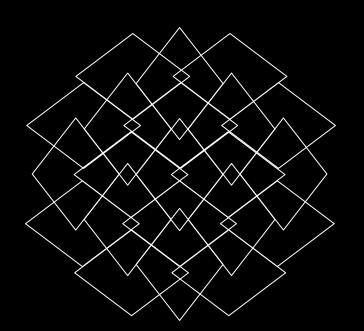






### Prakshep is Mapping the Story of Food-





### THANK YOU FOR YOUR TIME.

#### Inviting for further discussion

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