SHEFEXIL

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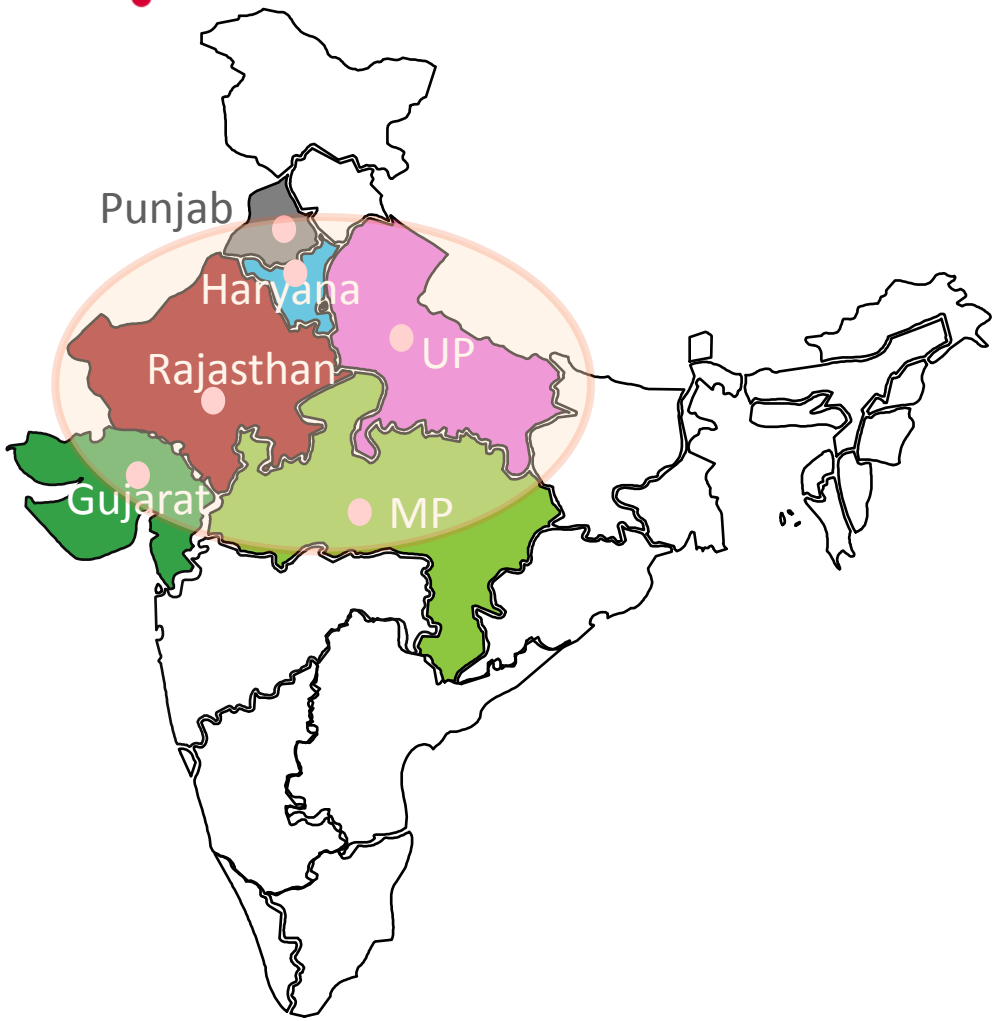
GUAR SEED ESTIMATION IN INDIA FOR THE YEAR 2015-16 SUBMITTED TO SHEFEXIL

(ROUND 1)

11th October, 2015

OBJECTIVE OF THE FIRST ROUND



Geographical Coverage for Guar:
pan India

To assess the factors driving increase or decrease in the area and yield of Guar Seed production in India

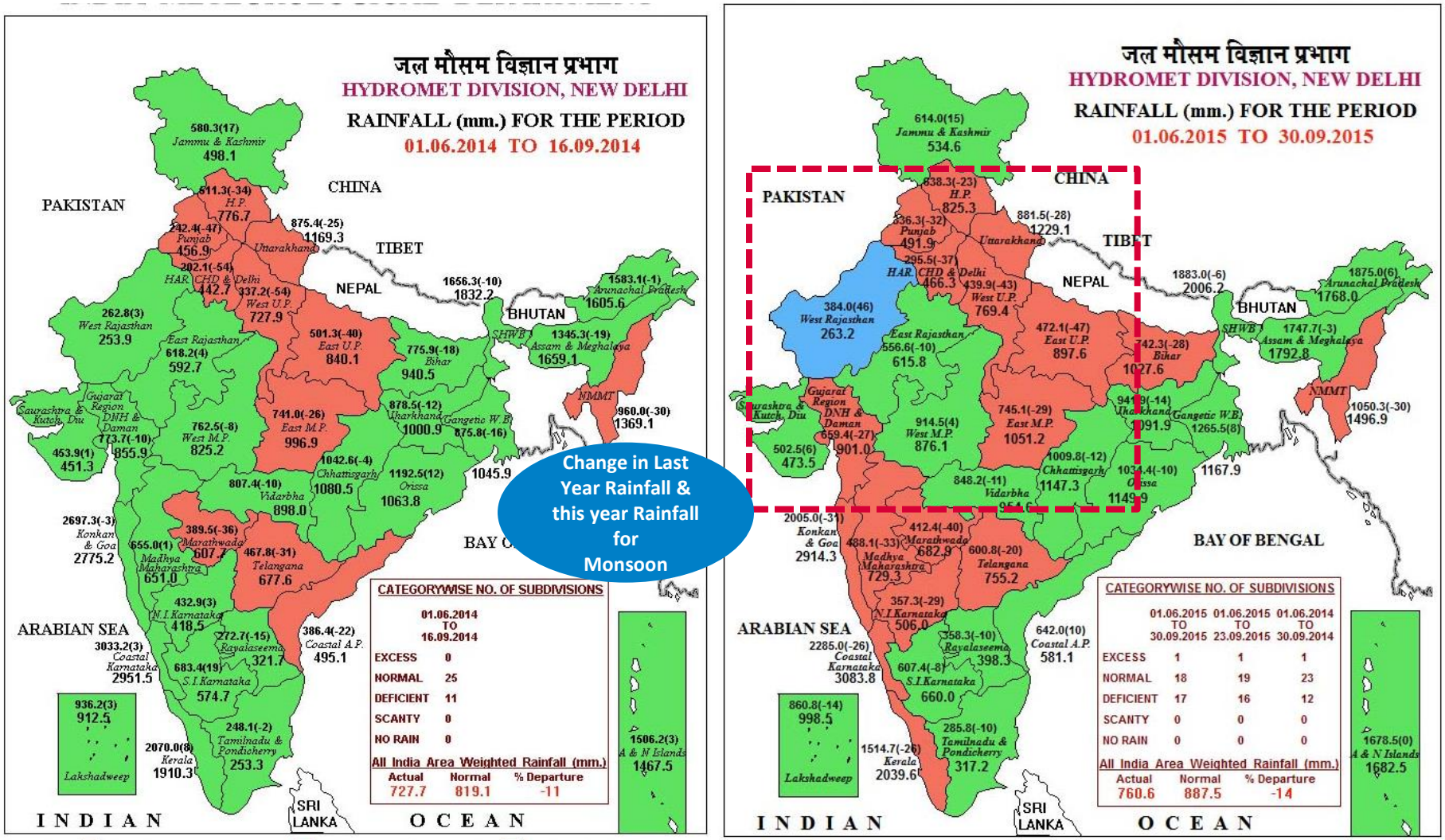
TOTAL SAMPLE SIZE DISTRIBUTION FOR THE FIRST ROUND

Gujarat	60
Banaskantha	15
Kucha	15
Mahesana	15
Sabarkantha	15
Haryana	**60**
Bhiwani	15
Hisar	16
Mahendaragarh	14
Sirsa	15
Madhya Pradesh	**40**
Gwalior	20
Morena	20
Punjab	**25**
Bhatinda	12
Fazilika	13

Rajasthan	170
Barmer	15
Bikaner	15
Churu	15
Gangapur	15
Hanumangarh	15
Jaipur	9
Jaisalmer	15
Jodhpur	15
Nagaur	15
Rajgach	1
Sawai Madhopur	15
Sikar	10
Tonk	15
Uttar Pradesh	**38**
Agra	20
Mathura	18

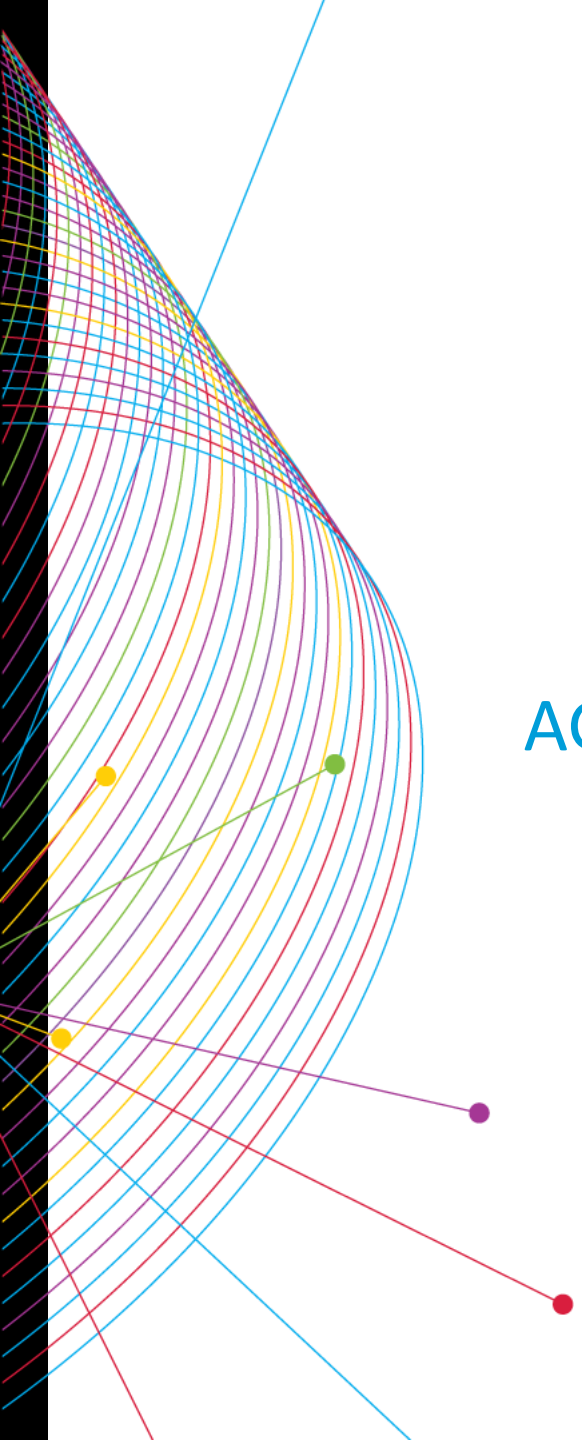
RAINFALL COMPARISON – SEASON WISE

Monsoon 2014 | **Monsoon** | **Monsoon 2015**



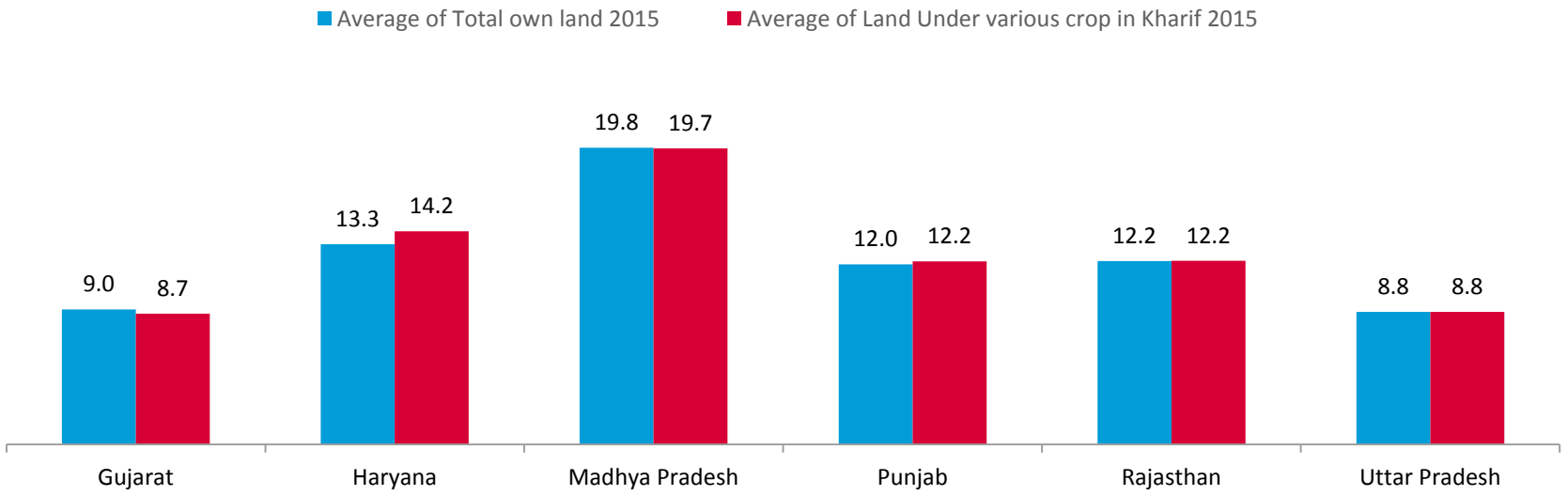
Rainfall figures are based on operational data.
Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.)
Percentage Departures of rainfall are shown in Brackets.

Source: India Meteorology Department



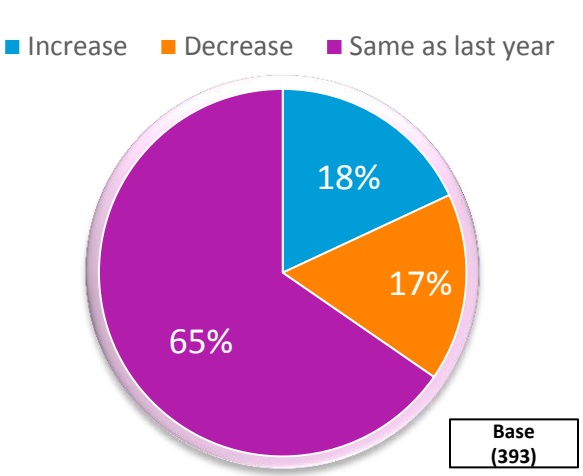
AGRONOMIC PROFILE OF THE FARMERS STUDIED

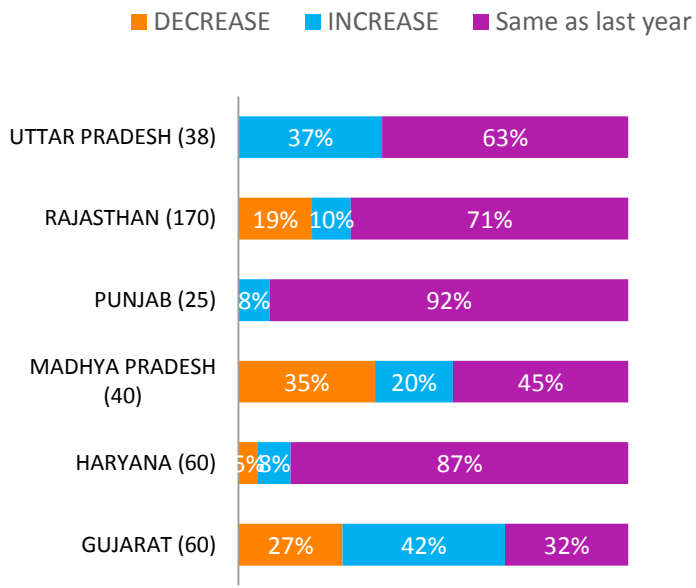
LAND DISTRIBUTION: AVERAGE LAND ACREAGE



MP guar farmers have the highest land acreage under Kharif crops followed by Haryana, Rajasthan and Punjab

CHANGE IN AREA GUAR CROP





Reasons for increase in area	Reasons for decrease in area
Good price realization of guar	Lower price realization compared to Jowar
Less efforts required	Not happy with the price realization
Loss in castor last year	
Crop change	

- Area under guar has mostly remained the same across most of the states.
- Gujarat has however reported the highest increase in area among the farmers surveyed

CROP SHIFT

CROP SHIFT FROM OTHER CROPS TO GUAR

	BAJRA	CASTOR	FODDER	COTTON	EMPTY LAND	GROUNDNUT	JOWAR	MUNG	Total % of respondents who have shifted from other crops to Guar
Gujarat	13%	38%	4%	4%	21%	0%	4%	17%	40%
Madhya Pradesh	100%	0%	0%	0%	0%	0%	0%	0%	10%
Punjab	100%	0%	0%	0%	0%	0%	0%	0%	8%
Rajasthan	82%	0%	0%	6%	0%	12%	0%	0%	10%
Overall	49%	19%	2%	4%	11%	4%	2%	9%	**12%**

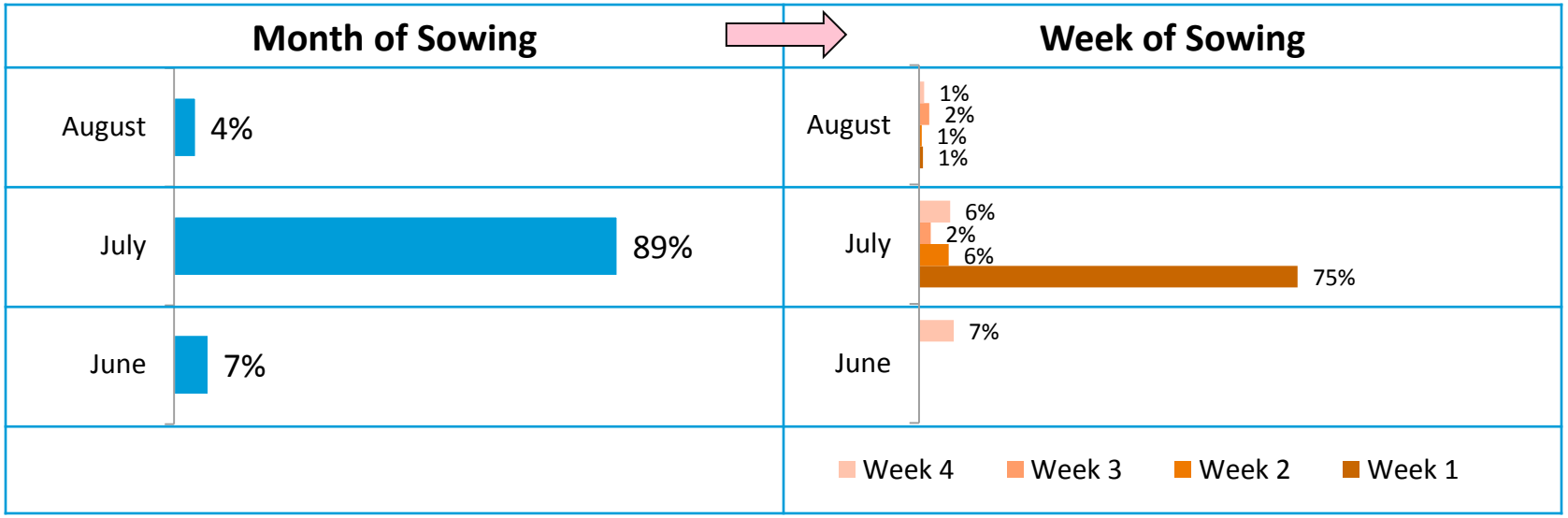
CROP SHIFT FROM GUAR TO OTHER CROPS

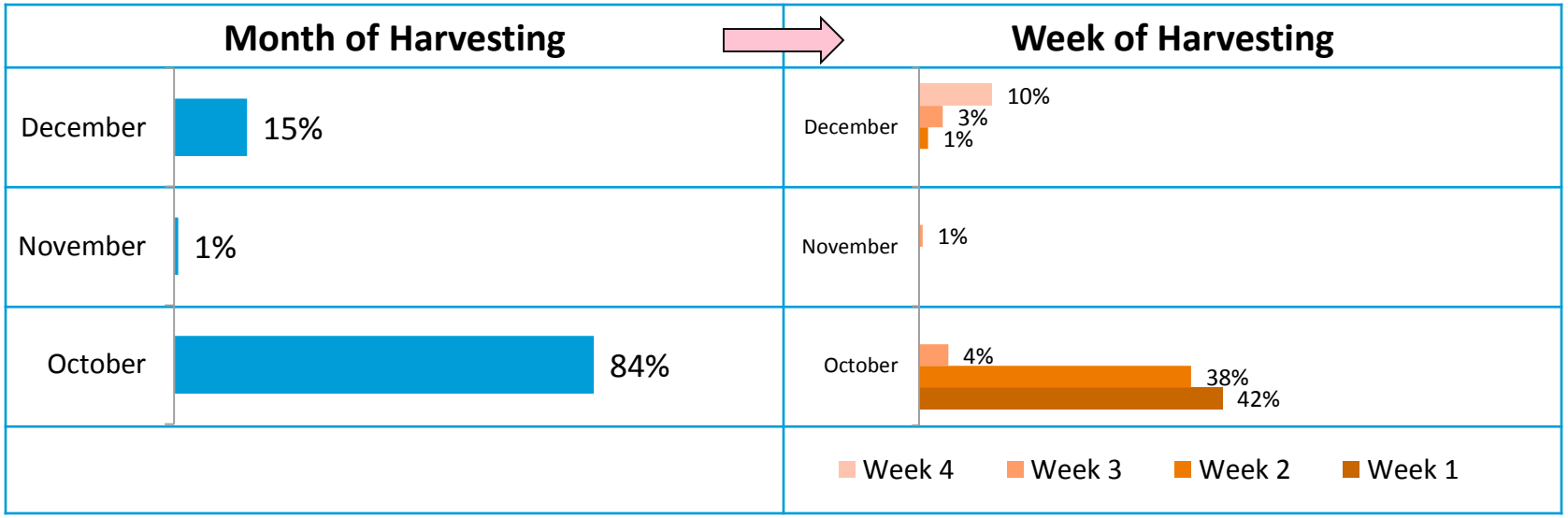
	BAJRA	CASTOR	FODDER	COTTON	GROUNDNUT	EMPTY LAND	JOWAR	Total % of respondents who have shifted from Guar to other crops
Gujarat	0%	20%	7%	27%	0%	27%	20%	25%
Madhya Pradesh	100%	0%	0%	0%	0%	0%	0%	2%
Rajasthan	97%	0%	0%	0%	3%	0%	0%	19%
Overall	67%	6%	2%	8%	2%	8%	6%	**12%**

- In Gujarat, it is largely shift from Castor to Guar, whereas in the other states, it is mostly shift from Bajra

SOWING & HARVESTING OF GUAR CROP : OVERALL

Base (393)

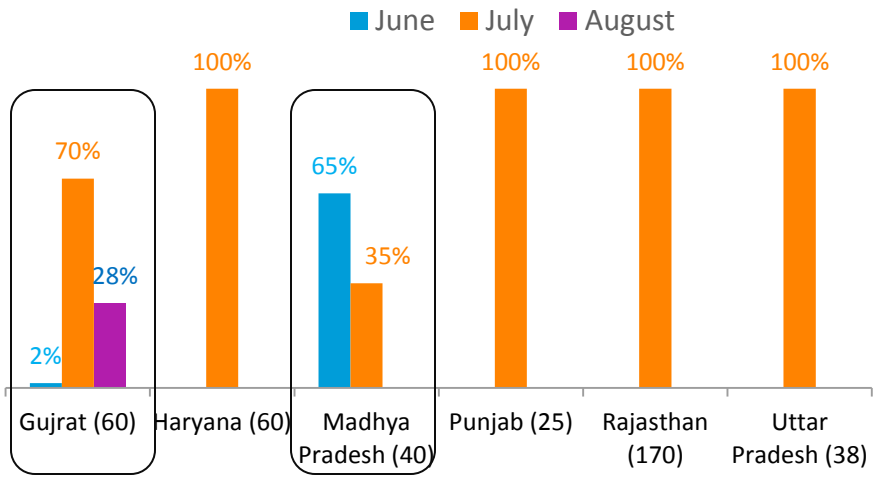




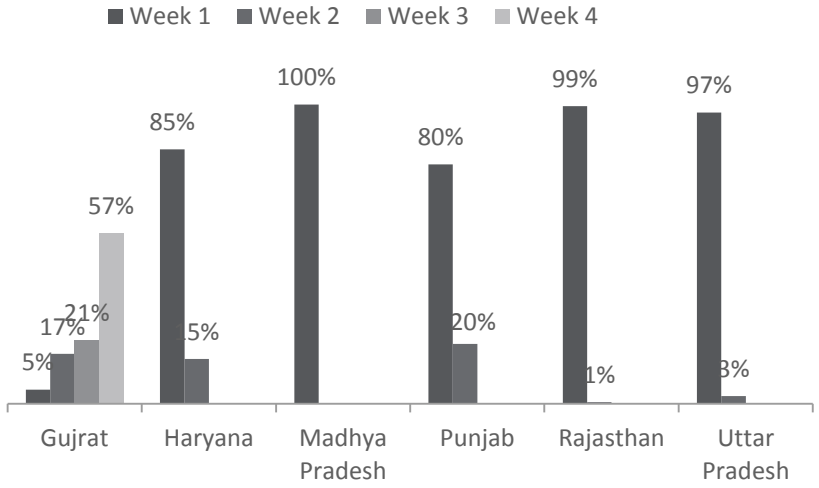
- Majority of the sowing happened in July & specifically in the first week of July.
- While harvesting is to be done primarily in October in first & second week .

SOWING & HARVESTING OF GAUR CROP : STATE WISE

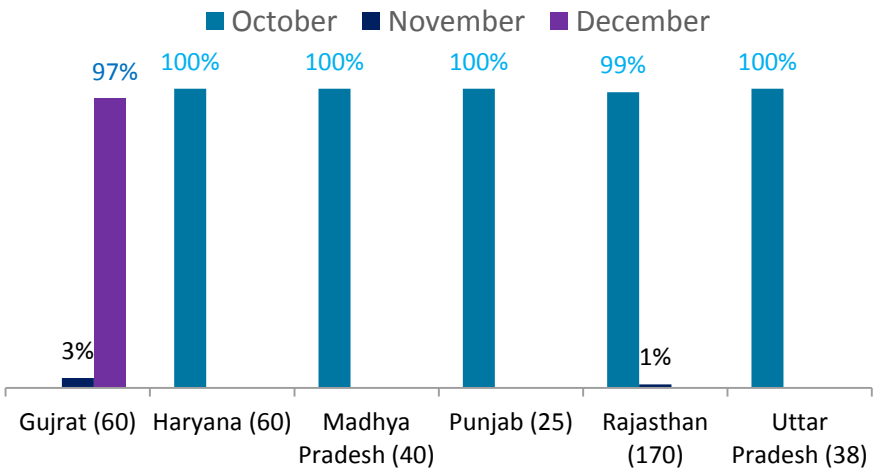
Month of Sowing



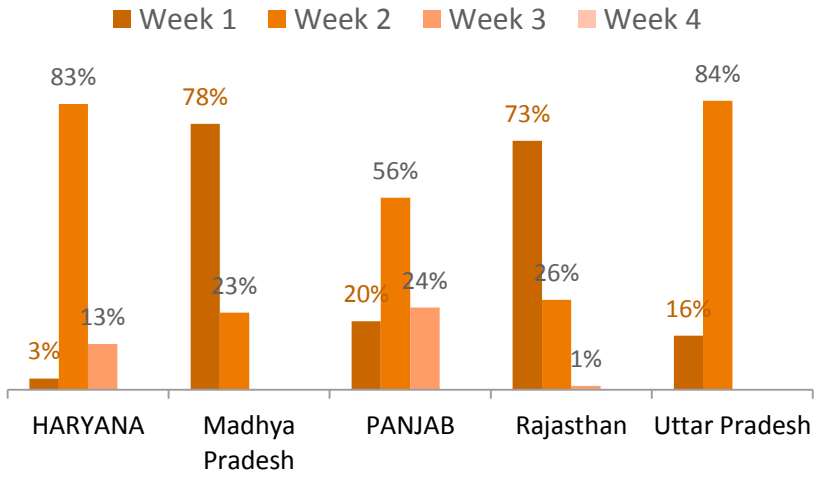
Week of Sowing



Month of Harvesting

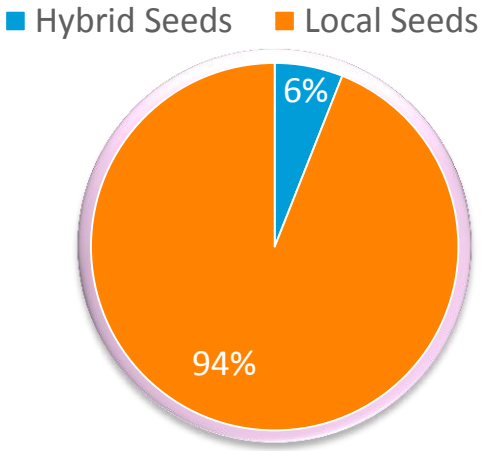


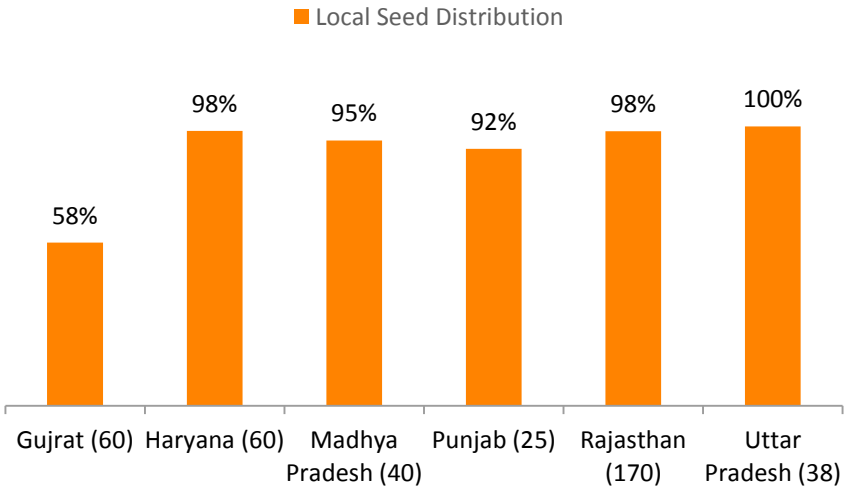
Week of Harvesting

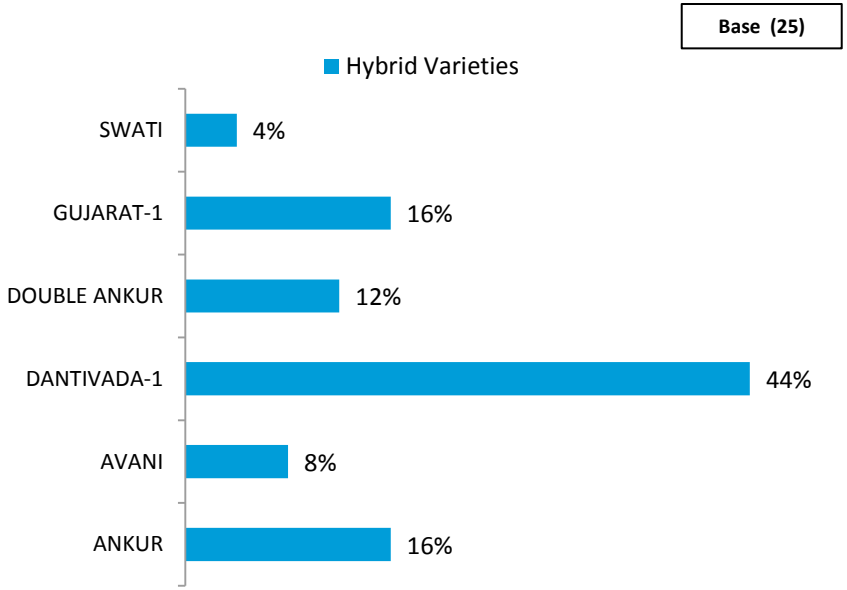


- Majority of the sowing happens in July & specifically in the first week of July.
- While harvesting is to be done primarily in October in first & second week .

TYPE OF SEEDS SOWN



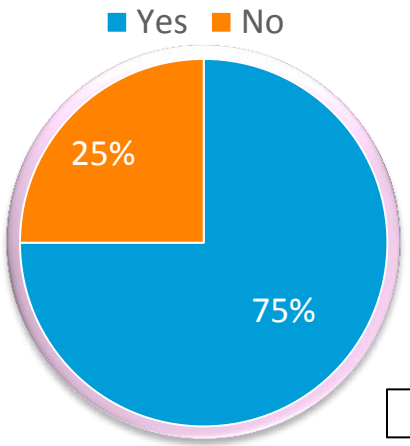




- Hybrid seed usage is very low, with the highest hybrid seed usage reported in Gujarat

TYPE OF IRRIGATION USED FOR GUAR

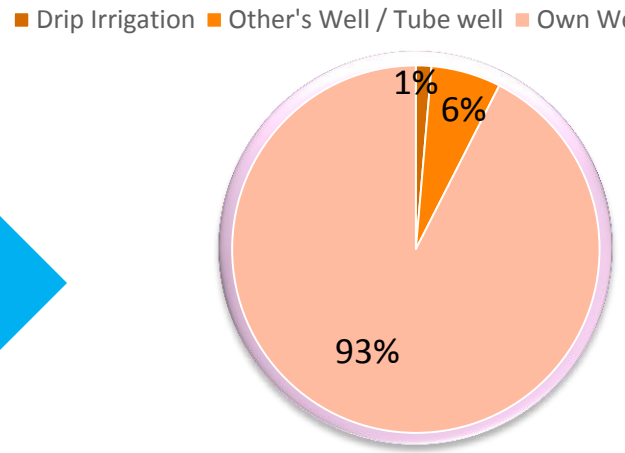
Do you have Irrigation facility ?



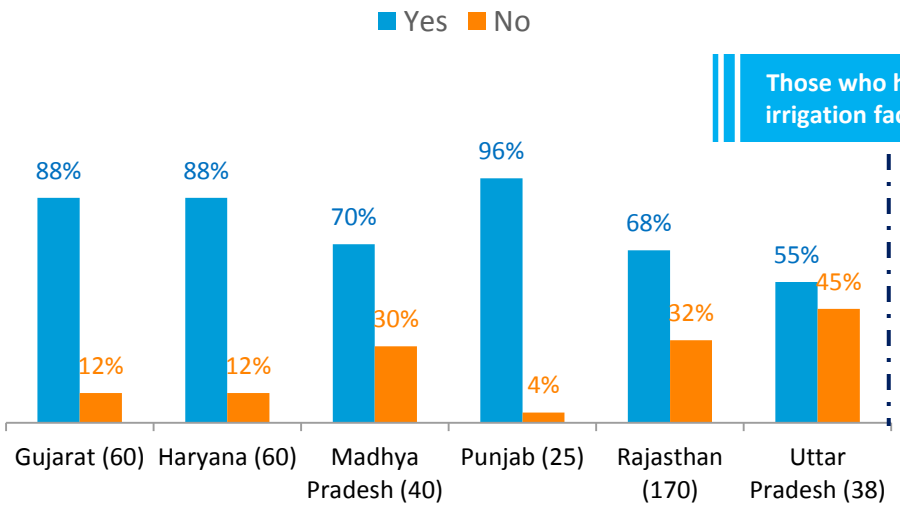
Base (393)

Those who have irrigation facility

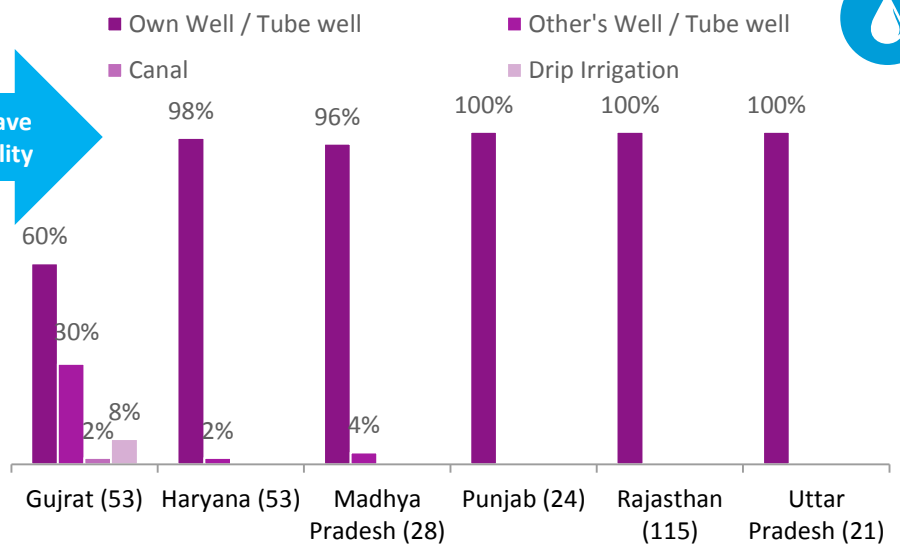
Type of irrigation used ?



Base (294)



Those who have irrigation facility



- 75% of the farmers studied have irrigation facilities for the crop
- Punjab has the highest irrigation and UP has the Least

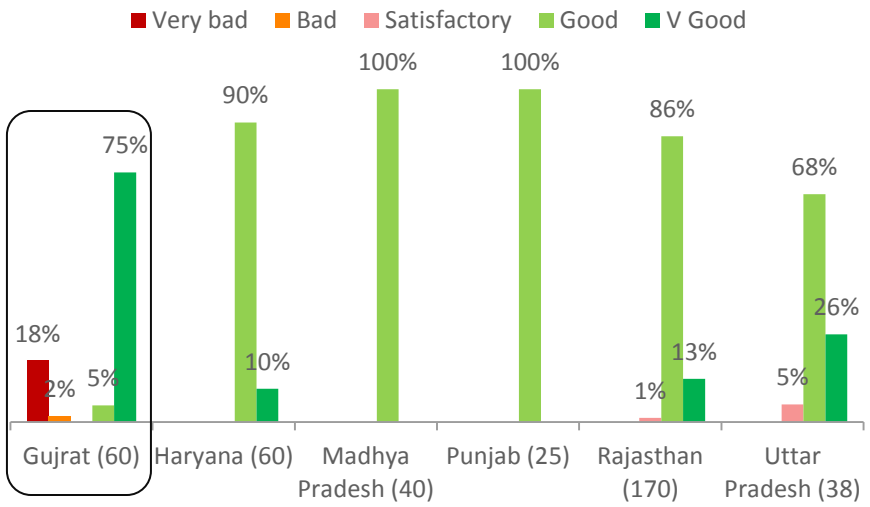
STATUS OF RAINFALL DURING SOWING : OVERALL

	Very bad	Bad	Satisfactory	Good	Very Good
Pre-sowing rainfall	3%	0%	1%	75%	21%
Post sowing rain fall (15 days from sowing)	8%	3%	49%	39%	0%
Post sowing rain fall (15-30 days from sowing)	11%	35%	52%	1%	0%
Post sowing rain fall (> 30 days from sowing)	44%	51%	4%	1%	0%

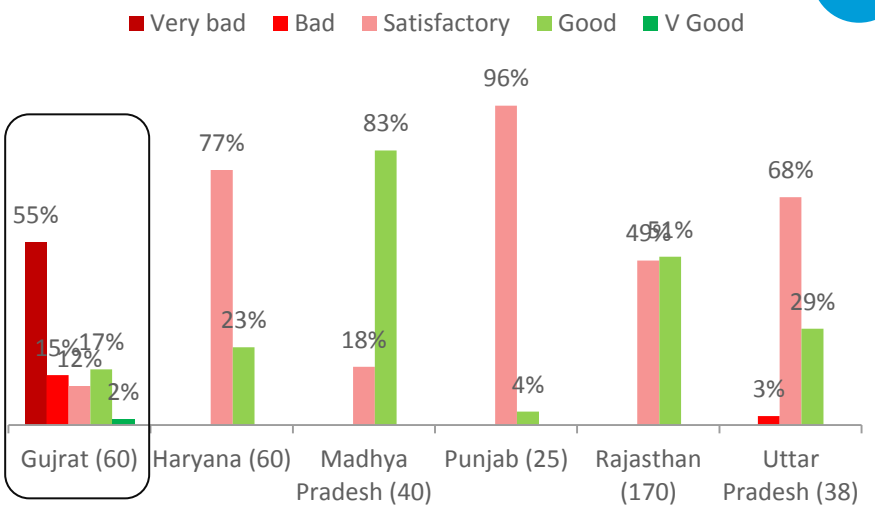
- During the Pre-sowing and initial days after sowing, the rainfall has been good
- However after 30 days of sowing rainfall has been very poor

STATUS OF RAINFALL DURING SOWING : STATE WISE

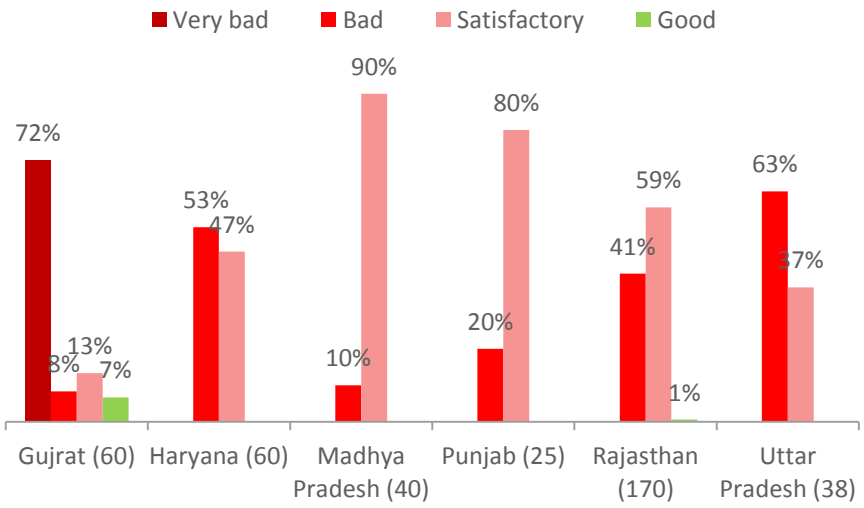
Pre-sowing rainfall



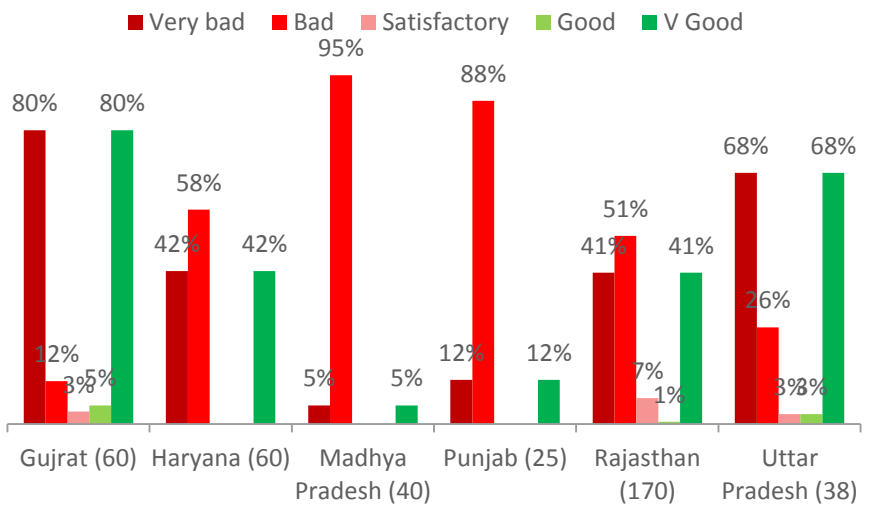
Post sowing rain fall (15 days from sowing)



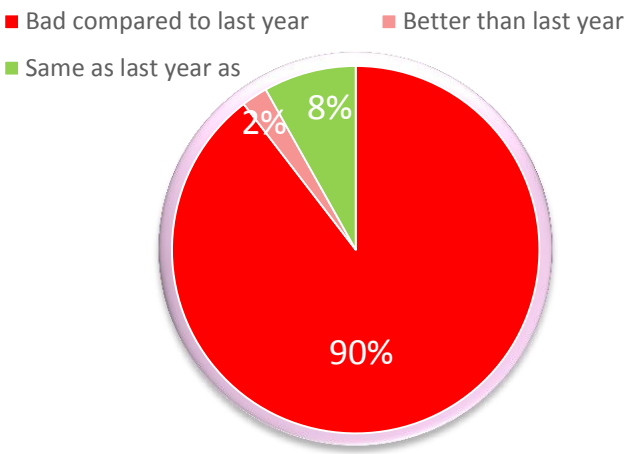
Post sowing rain fall (15-30 days from sowing)

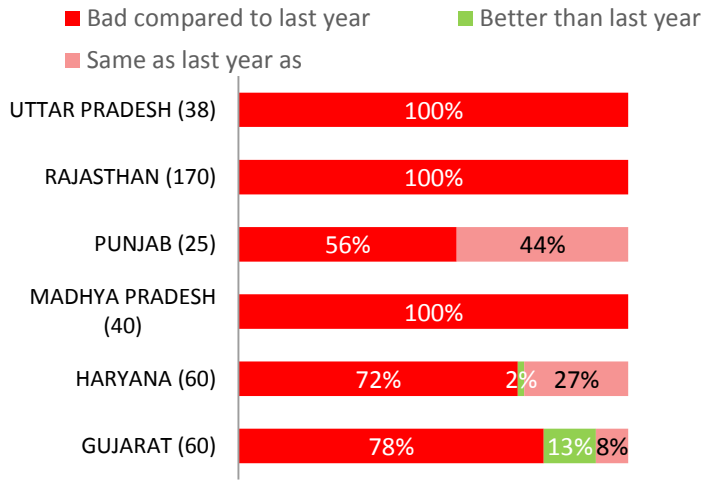


Post sowing rain fall (> 30 days from sowing)



PERCEPTION ON THE CROP





- Majorly the crop is reported as bad this year compared to last year

THANK YOU