

TOGETHER
WE EMPOWER
RURAL INDIA



SEHGAL
FOUNDATION



20 Years of Excellence

Vision to empower every person across rural India to lead a more secure, prosperous, and dignified life

Mission to strengthen community-led development towards positive social, economic, and environmental change

Focus Area

Food Security



Agricultural
Development

Water Security



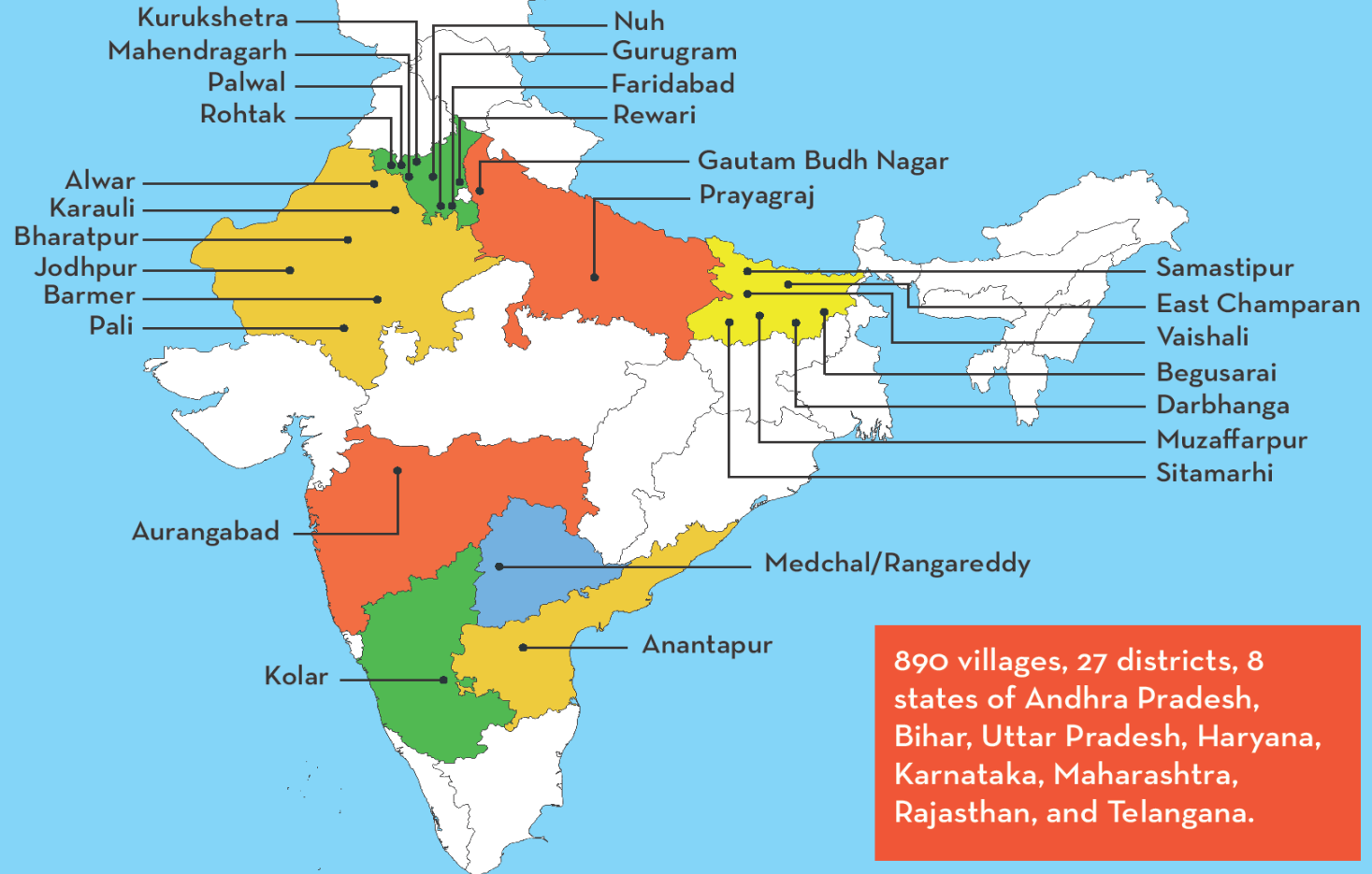
Water
Management

Social Justice

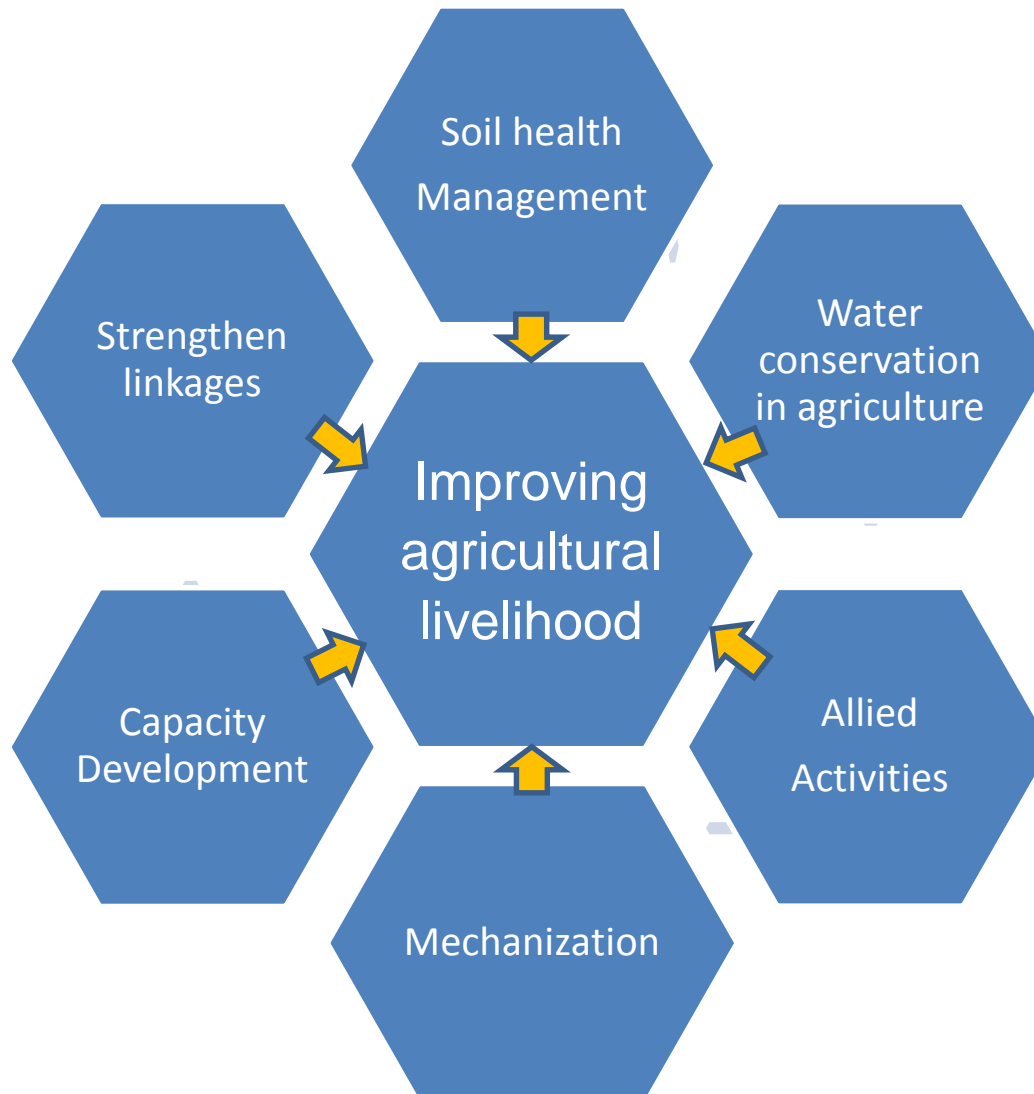


Good Rural
Governance

Outreach

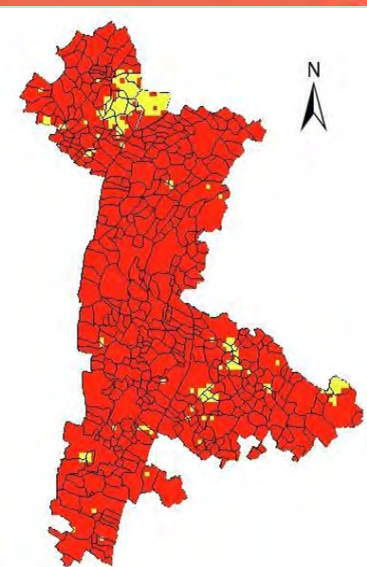


Sehgal Foundation Integrated Agricultural Development Model

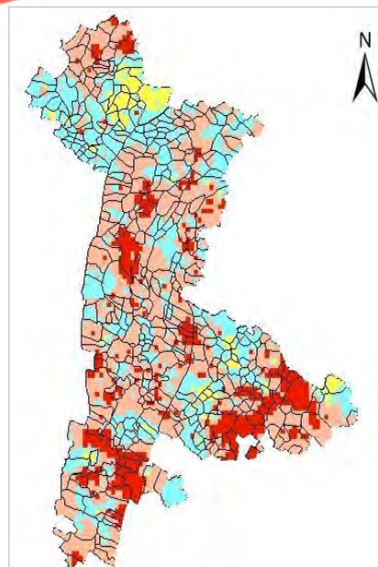


Soil Health Management

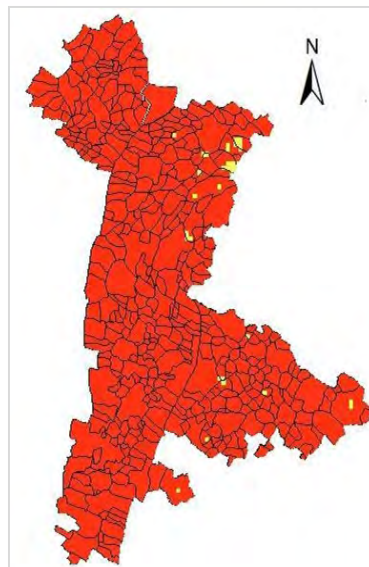
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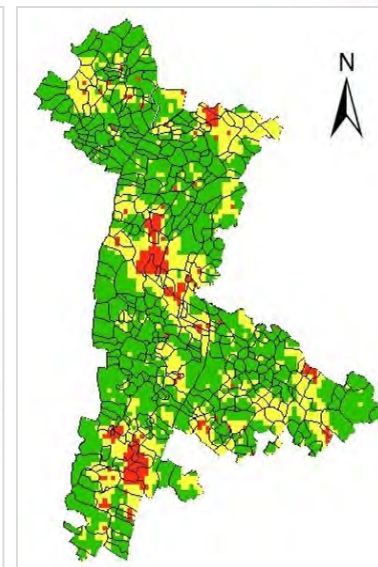
Nitrogen



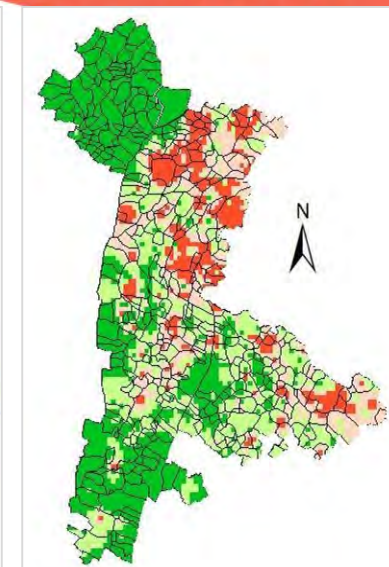
Nitrogen (MA)



Phosphorus



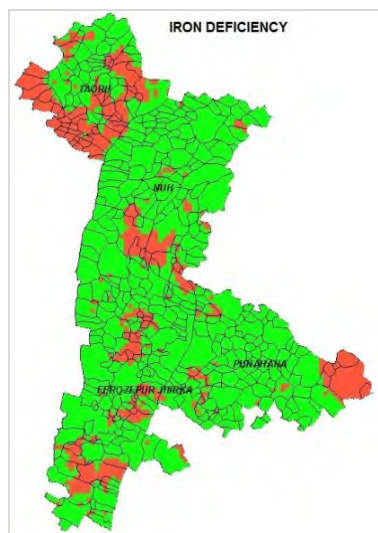
Potash



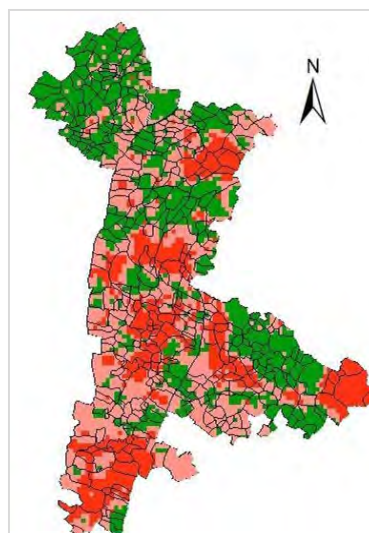
Saline soil



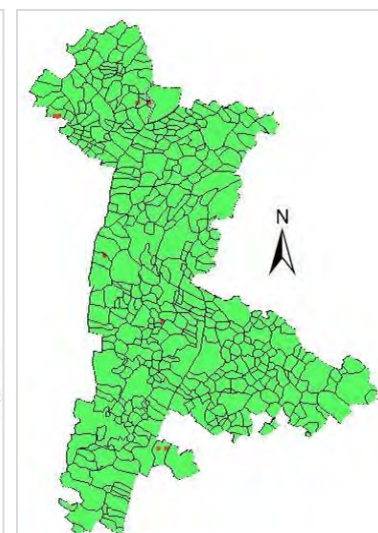
Sulphur



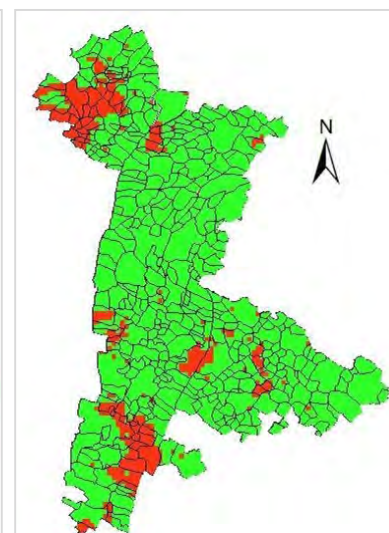
Iron



Zinc



Manganese



Alkaline soil

Water management in agriculture

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Drip Irrigation



Mini Sprinkler



Solar Irrigation pump



Mulching



Laser Levelling



Sub surface Irrigation



Salt tolerant Crops

Mustard



Beetroot



Tomato



Broccoli





Reaper

Zero tillage



Potato Planters





Composting

- Improve soil moisture
- Improve soil quality
- Increase productivity
- Reduce cost



Horticulture

- Reduce risk
- Sustained income
- Better land use



Livestock for landless women

- Increase employability
- Source of Income
- Ag-entrepreneurship

Animal preventive health care



Capacity Building : Training and Field days

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Village Level training



VDC meeting



Field Days

Krishi Jyoti

(Enlightened Agriculture)

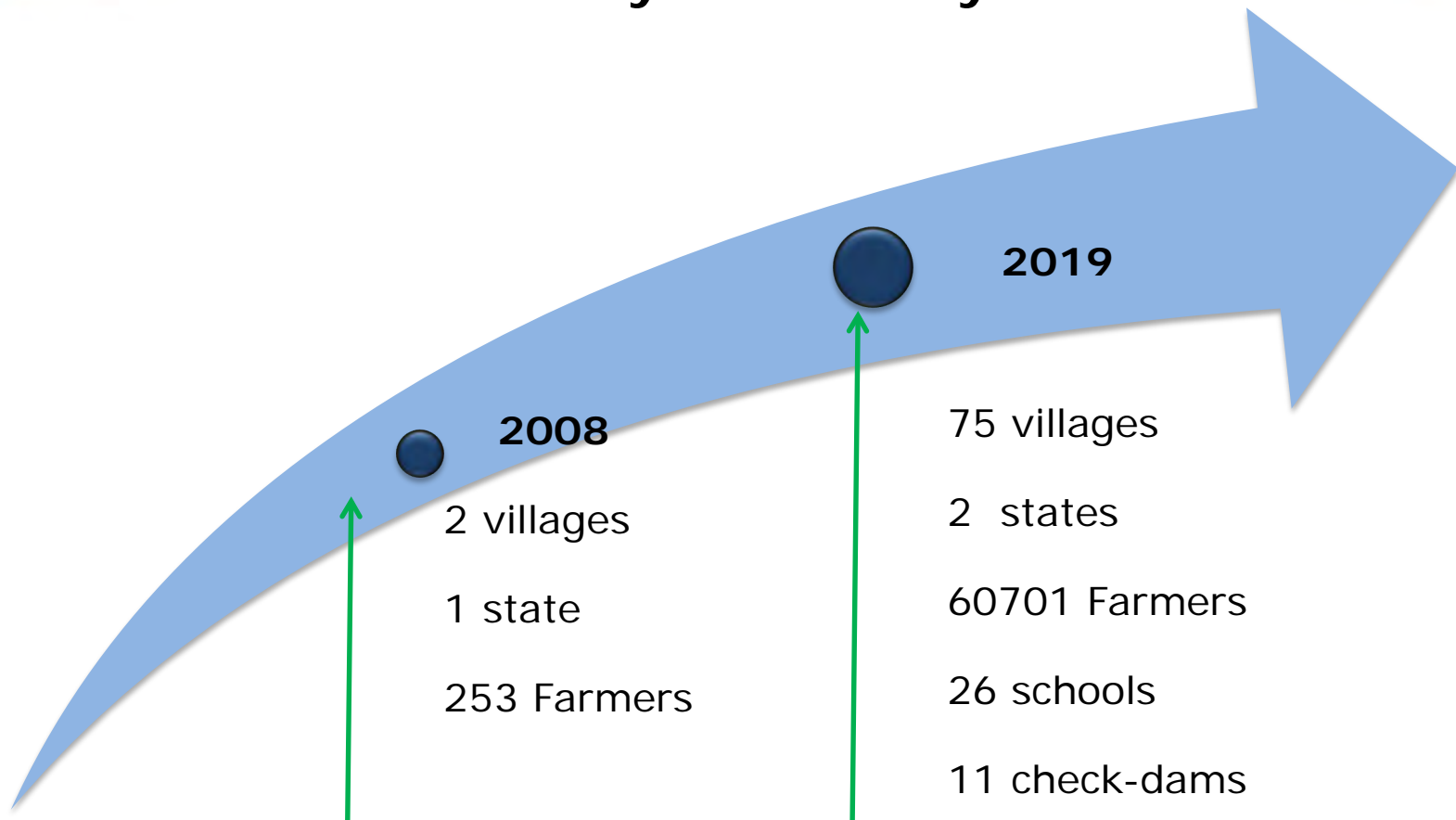
Journey from 2 villages to 75 villages
(2008 to 2018) - Video

A joint initiative

The Mosaic Company Foundation &
S M Sehgal Foundation

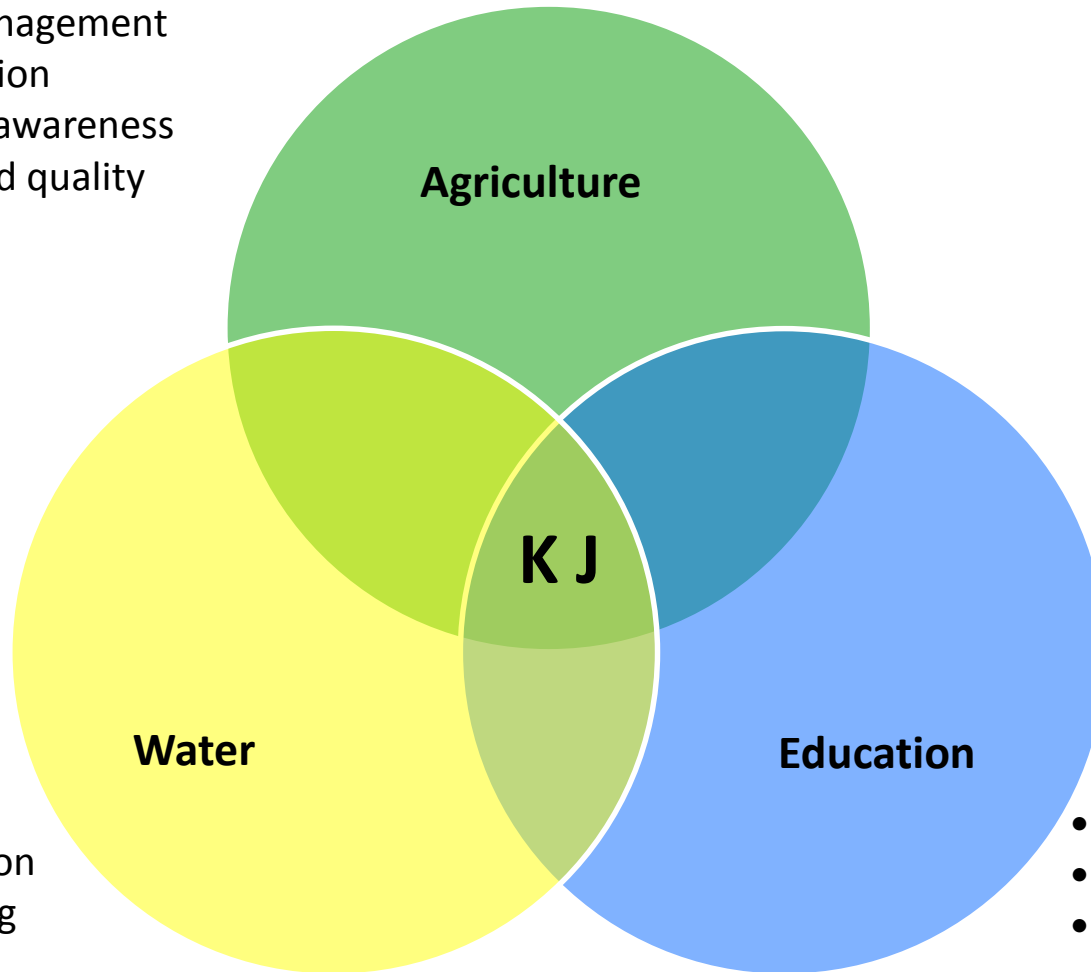


Krishi Jyoti Journey



Krishi Jyoti Model

- Soil nutrient management
- Water Conservation
- Knowledge and awareness
- Improve yield and quality



- Water augmentation
- Knowledge building
- Water literacy

- Improving infrastructure
- Empowering SMCs
- Water literacy

Create Water Security

Enhance Food Security



Sprinkler irrigation



Drip irrigation

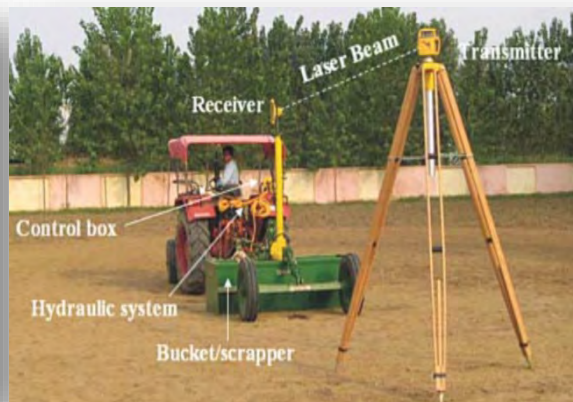


Check dam

Rise in water table: Average 7.2 Feet (2.2 m) at Khohar in 2014



Farm bunding



Laser levelling



Mulching

Crop Demonstrations



Cotton



Pearl millet



Wheat



Vegetables



Mustard



Field Days

Water Augmentation : Check Dam



Before rain



After rain

School Renovation



Before



Before



After



After

Raisikhbass School



Community Capacity Building



Community meeting



In-house training



Agri-input distribution



Farmers get together in 'Kisaan sammelan'



Orchard plantation

Impact

Krishi Jyoti Average Yield Data Analysis Year: 2017-18

Sl. No.	Crop	Yield in farmers practice (qtl/acre)	Yield in Krishi Jyoti practice (qtl/acre)	Yield difference in (qtl)	% Yield increase	Income increase INR/acre
1	Pearl Millet	6.76	8.13	1.37	21.32	1,753.6
2	Wheat	13.81	16.58	2.77	20.63	4,501
3	Mustard	8.75	10.42	1.67	19.86	5,845
4	Cotton	3.76	5.03	1.27	25.32	6,604
5	Onion	56.21	70.61	14.4	26.78	10,080

Impact

Agriculture

- **41418** : farm families benefited through Agriculture
- **Water productivity** : improved from 900 to 525 liter /kg of wheat grain

Water

- **11** Check-dam (Annual water harvesting capacity : 38.63 Million gallons)
- **77.24** million gallon litre : Annual Water harvesting potential
- **26618** people benefited from check dams.

Education

- **26** Schools Renovated
- **5470** Children Benefitted - Reduced drop out of girl child

Way Forward : Much more to do....

- Bridge demand and supply gap for food grain
- Feed ever increasing populations
- Increase productivity of staple food crops
- Increase small holder resilience to climate change
- Develop stress tolerant varieties
- Improve water productivity in agriculture
- Meet changing food habits : Nutritional Food
- Making agriculture attractive business for young



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Thank you!

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