

Pradhan Mantri Krishi Sinchan Yojana- WDC

Best Practice

of Malegaon Village
IWMP-34 (Batch-2)
Block – Barshi
Solapur (M.S)



Basic Information

- Geographical area - 2178 ha
- Population - 2529
- Average Annual Rainfall - 538.5 mm
- Cultivation Area - 2105 ha
- Seasonal Irrigation Area- 766 ha
- Project location in the Deccan basaltic terrain and always facing recurring drought conditions.



Implementaiton

- IWMP Project No. 34 (Batch 2)
- **Preparatory Phase- EPA Activities**
Solar lamp, Agriculture Library
and Tree plantation with tree guard.
- **Works Phase - NRM Activities**
Compartment Bunding (1800 ha. out of which
665 ha. area was undertaken through JSA),
CNB, Nala widening and deepening and
Vanrai Bandharas.



Implementaiton

- Compartment bunds - 1800 hector
- Well recharging - 65 wells
- Cement Nala Bandh - 8
- Nala widening and deepening – 8500 m.
- Vanrai Bandhras - 20
- Farm pond- 4
- Deciltation- 23500 M3

All Activities were completed.

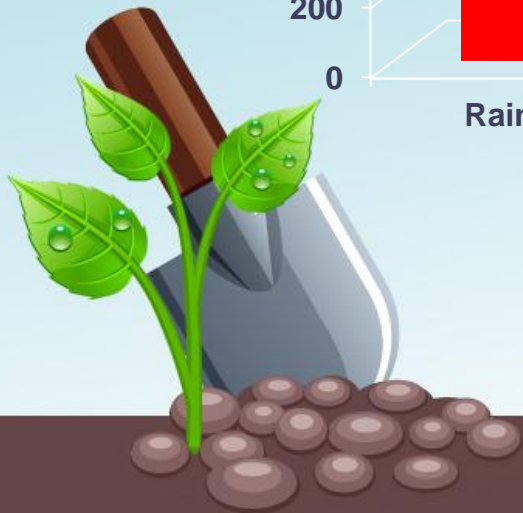
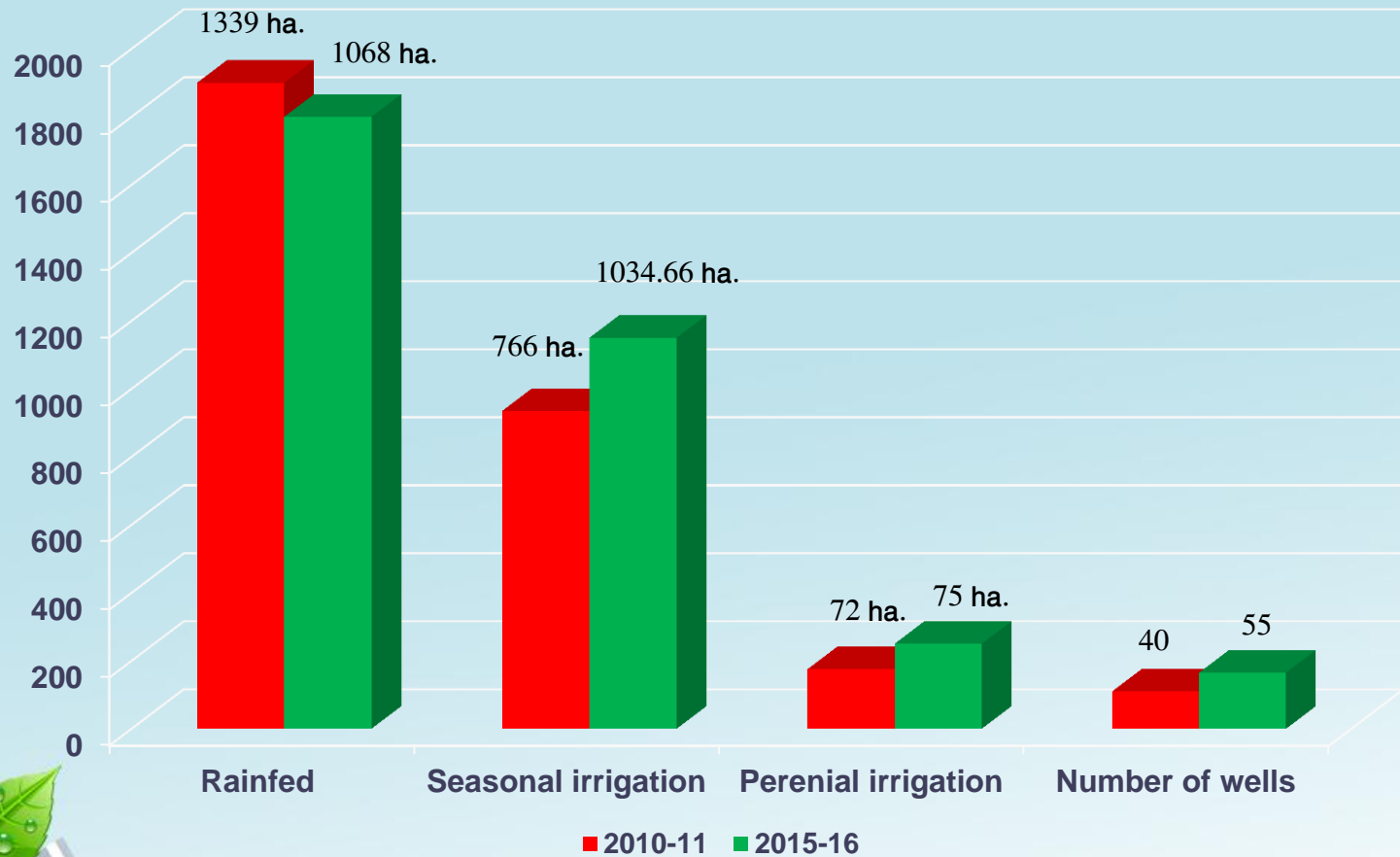


IMPACTS

- Reduction in runoff and soil loss.
- Ground Water Recharge is mainly due
Compartment Bunding (Area Treatment works).
- Water Storage Capacity created- 1858 TCM
- Water levels increased - 10 to 12 feet.

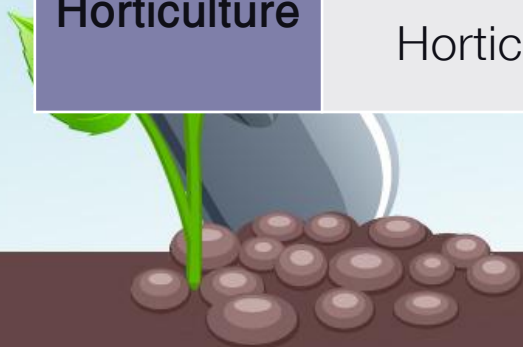


Land utilization pattern



Change in Cropping Pattern

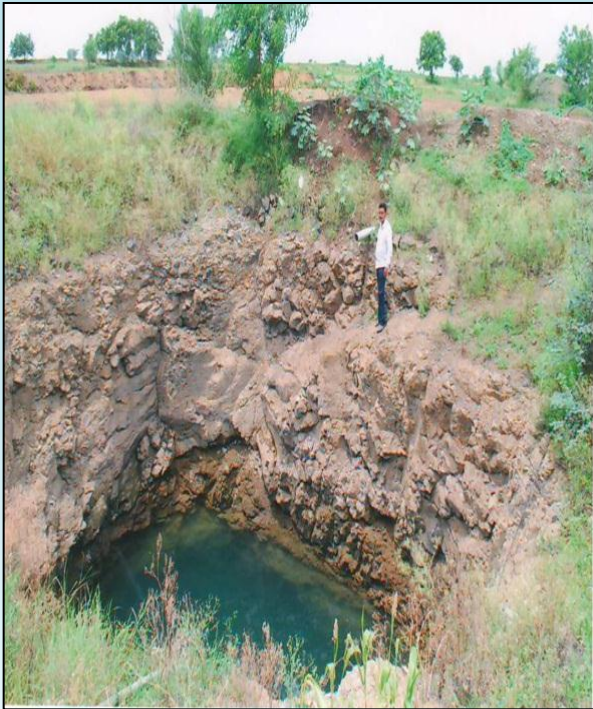
Season	Name of the crop	Before		After	
		Area (ha)	Productivity (kg/ha)	Area (ha)	Productivity kg/ha
Kharif	Soyabean	350	1200	500	1450
	Tur	370	434	450	505
	Mug	80	576	100	627
Rabi	Jawar	925	550	725	600
	Wheat	15	650	25	700
	Gram	25	625	50	650
Cash crop	Onion	70	12 (Ton)	150	14 (Ton)
	Shugarkane	158	80 (Ton)	25	100 (Ton)
Horticulture	Horticulture	82	12 (Ton)	115	15 (Ton)



Compartment Budding (Area Treatment)



Impact on Water level of well



Before



After



Visit of Hon. Collector

Nala Deepening



**Storage and Recharge of stored water
increasing ground water table**



Nala Deepening



Nala deepening in existing CNB





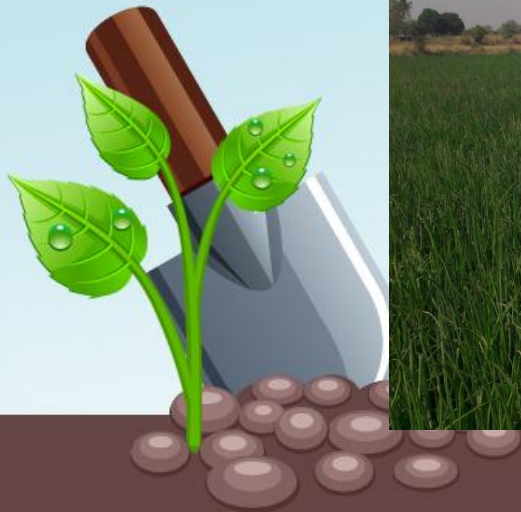
**Mrs. Manisha Gadshing-
Cultivatnion of Sweet lime**



**Mr. Baburao Babar
Cultivation of Grapes**



**Mr. Dilawar Patel
Cultivation of Onion**



Malegaon village awarded with Mahatma Phule Jalmitra Puraskar, (First Prize of Rs. 25 lac) in JSA at state Level.

