



Research Article

## Watershed based front line demonstration is a path of prosperity to Bundelkhand farm families

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**SUMMARY :** The frontline demonstration on pulses and oilseed crops were carried out from 1989-90 to 1991-92 during both rainy and winter seasons on farmers fields at different villages, situated in ravines affected area of Bundelkhand, U.P. The soils of pilot area was *Mar*, *Kabar* and *Mixed Kabar*, having neutral pH and good fertility status. The watershed technology was applied for conducting the front line demonstrations. The yield of gram pushed up by 280.50% over the state productivity followed by lentil (185.90%) and field pea (161.50%). The productivities of urd and moong increased by 132.25% and 29.37%, respectively in comparison to their state average yields. The productivity of linseed, mustard, soybean and sunflower was increased by 445.25%, 157.70%, 75.30% and 14.25%, respectively as compared to their average yields of state. The maximum benefit cost ratio was computed from lentil followed by gram and mustard, while lowest benefit cost ratio was recorded in sunflower under dry environment of Bundelkhand. Therefore, the pulses and oilseeds cultivation in ravines affected area may be suggested and recommended with conservation production system of crop.

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