



KRISHI VIGYAN KENDRA,AMBALA

I. Diversified Farming System : Mungbean

SH. RAMESH KUMAR S/O BIJRAM SINGH (Adopt diversified farming system)

Village: Gheldi, Tehsil: Barara, District: Ambala (Haryana) Mob. No. 09466326869

Profile		Description of the Farmer																																	
Age	:	48 years	Sh. Ramesh Kumar is doing farming for the last 25 years. Earlier he used to do conventional farming. Since the KVK interventions in 2013-14, he started improvement in his farming. He has, now diversified his farming and opted summer mungbean cultivation. He has also adopted RCT practices such as Laser land levelling, sowing of wheat with Drill, M. B. Ploughing and Improved varieties of rice, wheat and mungbean.																																
Education	:	6 th																																	
Landholding	:	2 ha																																	
Farming experience	:	25 years																																	
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Field day organised at Sh. Ramesh Kumar plot

He has taken summer mungbean after harvesting of wheat and before transplanting of paddy. For timely sowing of Mungbean, he has harvested wheat through manually. Applied pre irrigation for better field preparation and to achieved good germination. The seed were treated with bavistin, rhizobium culture and sown line to line with seed cum fertiliser drill. Gypsum and zinc sulphate were applied during field preparation and urea & single super phosphate (SSP) applied at the time of sowing. He was applied Stomp (Pendimethalin) 30 EC just after sowing @ 2.5 lit/ha and one hand weeding done as required for weed control. Only one irrigation applied at 30 DAS.

In improved diversified farming his gross income and net return was 236975 and 164490 respectively, Which is **34 and 40** percent higher as compared in conventional farming. Which has been clearly seen with the higher BCR (3.27) under diversified farming against BCR (2.76) in conventional farming.

While in comparison of economics in summer mungbean cultivation, the yield and net return were 12.5 qtl/ha and 65000 Rs/ha, which was **44 % and 53%** higher as compared to local check. The BCR under FLD was 4 and local check was 3.

Dr. Rakesh Choudhary, SMS (Agronomy), Krishi Vigyan Kendra, Ambala