















Reference		Treatment		
	Crop	N	NPK	
		N recovery by crop		
Zhu, 1994	Barley	28	51	
Jin, 2001	Wheat (11 yrs)	31	70	

Г

Farmers' Field Evaluation - IGP
Nutrient Expert (NE) for wheat vs Farmers' Practice (FP)

Conventional Tillage (n = 46)							
Parameter	Unit	FP	NE	NE – FP			
Grain yield	kg/ha	3504	4436	932	***		
ertilizer N	kg/ha	134	141	6	**		
ertilizer P ₂ O ₅	kg/ha	57	54	-2	ns		
ertilizer K ₂ O	kg/ha	13	76	63	***		
ertilizer cost	INR/ha	2436	2933	496	***		
₹F ¹	INR/ha	36804	46742	9938	***		
***, **, *: significant at <0.001, 0.01, and 0.05 level; ns = not significant 1 GRF = gross return above fertilizer cost							
Prices (in INR/kg): wheat = 11.20; N = 10.50; P ₂ O ₅ = 16.22; K ₂ O = 7.50							



Moving from Broadcast Application to Placement – Especially for P and K

