

SOIL TEST BASED FERTILIZER RECOMMENDATIONS FOR RABI CROPS

Parameter	Soil test value	Blocks	Recommendation for amendment/ fertilizer dose
Soil pH	8.6-9.0	MB-1C, MB-2B, MB-2C, MB-5A, MB-5B, MB-5C, MB-6A, MB-8C, MB-9B, GEN-B, GEN-G, ATIC	Apply 2.0 t gypsum/ha
Organic C (%)	≤ 0.25	MB-1A, MB-2A, MB-2B, MB-3B, MB-3C, MB-4A, MB-6C, MID-A1, MID-A2, MID-A4, MID-A5, MID-B2, MID-C2, TDPR-1A, TDPR-1B, All Todapur Blocks, WTC-1, WTC-2, WTC-3, WTC-4, WTC-5, WTC Net-house, Green house area	Apply 150% of recommended N
	0.26-0.50	MB-1B, MB-2C, MB-3A, MB-4B, MB-4C, MB-5A, MB-5B, MB-5C, MB-6A, MB-6B, MB-7A, MB-7B, MB-7C, MB-8A, MB-8B, MB-8C, MB-9A, MB-9B, MB-9C, MB-11A, MB-11B, MB-11C, MB-12A, MB-13A, MB-13B, MB-14A, MB-15A, MB-16, MID-A3, MID-A6, MID-B1, MID-B3, MID-C1, MID-C3, MID-D, NA-A, NA-B, NA-C, NA-D, NA-E, GEN-D, GEN-F, GEN-G, GEN-H, Botany-13, Sadipur-A, Sadipur-B, TB-1, TB-2A, TB-2B, TB-3C, TB-2E, TB-2F, TB-3, TB-4A, TB-4B, TB-4D, TB-4E, TB-4F, TB-5, TB-6A, TB-6B, TB-6C, TB-6D, PFDC Area, TDPR Orchard, NBPGR-A, NBPGR-B, NBPGR-C, NBPGR-D, NBPGR-E, NBPGR-Orchard, PDK-1, PDK-2, PDK-3, PDK-4, ATIC	Apply 125% of recommended N
	0.51-0.75	MB-10A, MB-10B, MB-10C, MB-12B, MB-12C, MB-13C, MB-14B, MB-14C, MB-17, SA, GEN-A, GEN-B, GEN-C, GEN-E, Sadipur Orchard, Ento Block, TB-2D, Forest Area	Apply 100% of recommended N

Available P (kg/ha)	11-25	MB-3B, MB-3C, MB-5A, MB-5C, MB-8C, MB-11C, MID-A1, MID-A2, GEN-F, TB-1, TB-6A, WTC-3, WTC-4, PFDC Area, Forest Area, NBPGR-A, -B, -C, -D, -E	Apply 100% of recommended P ₂ O ₅
	26-35	MB-1A, MB-1B, MB-2B, MB-2C, MB-3A, MB-4A, MB-4B, MB-5B, MB-6A, MB-6B, MB-6C, MB-7B, MB-7C, MB-8B, MB-9A, MB-11A, MB-11B, MID-A4, MID-A5, MID-B1, MID-B2, GEN-G, Sadipur-A, TB-4D, TB-6D, TDPR-1D, TDPR-3A, WTC-2, WTC-Net-house, TDPR-Orchard, Green house, ATIC	Apply 75% of recommended P ₂ O ₅
	>35	MB-1C, MB-2A, MB-4C, MB-7A, MB-9B, MB-9C, MB-10A, MB-10B, MB-10C, MB-12A, MB-12B, MB-12C, MB-13A, MB-13B, MB-13C, MB-14A, MB-14B, MB-14C, MB-15, MB-16, MB-17, MID-A6, MID-C1, MID-C2, MID-C3, MID-D, NA-A, NA-B, NA-C, NA-D, NA-E, SA, GEN-A, GEN-B, -C, -D, -E, -H, Botany-13, Sadipur-B, Sadipur-Orchard, Ento Block, TB-2B, TB-2C, TB-2D, TB-2E, TB-2F, TB-3, TB-4A, TB-4B, TB-4EF, TB-5, TB-6BC, TB-6F, TDPR-1AB, TDPR-2ABC, TDPR-3C, TDPR-4A, New Todapur, PDK-3	Apply 50% of recommended P ₂ O ₅
Available K (kg/ha)	≤ 100	New Todapur	Apply 150% of recommended K ₂ O
	101-150	MB-2A, MB-2B, MB-3C, TB-6A, TDPR-3A, WTC-4	Apply 125% of recommended K ₂ O
	151-280	MB-1A, MB-1B, MB-1C, MB-3A, MB-3B, MB-4A, MB-4B, MB-5A, MB-6C, MB-8A, MB-8B, MB-8C, MID-A1, MID-A2, MID-A4, MID-A5, MID-B1, MID-B2, MID-C3, BOTANY-13, SHADIPUR-B, TB-1, TB-2E, TB-2F, TB-3, TB-4B, TB-4D, TB-4EF, TB-6BC, TB-6D, TB-6E, TB-6F, TDPR-1AB, TDPR-1D, TDPR-2A, TDPR-2B, TDPR-2C, TDPR-3B, TDPR-3C, TDPR-4A, WTC-2, WTC-3, WTC-5, WTC-Net-house, PFDC AREA, TDPR Orchard, Green house,	Apply 100% of recommended K ₂ O

		NBPGR-A,B,C,D,E, Orchard, ATIC	
	281-450	MB-2C, MB-4C, MB-5B, MB-5C, MB-6A, MB-7A, MB-7B, MB-7C, MB-9A, MB-10A, MB-10B, MB-11A, MB-11B, MB-11C, MB-12A, MB-13A, MB-14B, MB-14C, MB-16, MID-A6, MID-C1, MID-C2, MID-D, NA-C, NA-D, NA-E, SA, GEN-B, GEN-D, GEN-F, GEN-G, GEN-H, Shadipur-A, Shadipur Orchard, Ento Block, TB-2BC, TB-2D, TB-4A, TB-5, TDPR-1D, WTC-1, Forest Area, PDK-3,	Apply 75% of recommended K ₂ O
	>450	MB-6B, MB-9B, MB-10C, MB-12B, MB-13B, MB-13C, MB-14A, MB-15, MB-17, MID-A3, MID-B3, NA-A, NA-B, GEN-A, GEN-C, GEN-E	Apply 50% of recommended K ₂ O

MB: Main Block; MID: Mid Block; TB: Top Block, NA: New Area, TDPR: Todapur Block; WTC: Water Technology Centre Block; GEN: Genetics Block; SA: Sadipur Area;

ERTILIZER RECOMMENDATIONS FOR RABI CROPS

Crop	Recommended dose of fertilizers (kg/ha)				
	N	P ₂ O ₅	K ₂ O	Zn*	S
WHEAT					
Irrigated timely sown	150	60	40	5	
Irrigated late sown	120	60	40	5	
Rainfed	60	30	20	5	
Rapeseed Mustard	100	40	40	5	30
Barley	60	30	30		
Chickpea	25	60	30		
Pea	25	60	30		
Lentil	25	60	30		
Potato	150	80	100		
Maize (rabi)	150	70	70	5	

*Apply Zn as ZnSO₄ (25 kg/ha), if not applied in previous kharif crop