

Technical Protocol Under MKSP

Kalchini Block, Jalpaiguri Terrai-Teesta Aluvial zones:	Soil Condition	Cropping pattern	Major Crops
	Flood prone, well drained, sandy loam to loamy sand with stone, shallow alluvial soil cap deposited over deep river sand. Soil is moderately acidic, low in organic matter, low in NPK etc. major nutrients, well drained.	Major area is covered under tea and forest. Agri. Cropping pattern: i) Rice - fallow ii) Maize – Maize iii) Maize – Vegetable iv) Rice – Wheat/Oil seeds Agriculture pattern: Rain fed	i) Plantation crops: Tea, Aeronaut. ii) Food grain – Rice, Maize, Wheat. iii) Oil seeds: safflower, Mustered. iv) Seasonal veg: Colocasia, Flat bean, Long bean, Leafy vegs. (Mustered family) Cole crops, Gourds, Radish, Carrot etc. v) Collected: forest food & herbal products.
Ithar Block, Goalpukur Block Uttar Dinajpur Terrai-Teesta Aluvial zones:	Deep flood prone moderately drained, sandy loam to clay loam. Soil slightly acidic to natural. Medium in soil nutral, Low in organic carbon, soil fertility medium to high.	i) Rice – Mustard - Mustard ii) Jute – Rice – Mustard iii) Rice – Wheat iv) Maize – Rice – Mustard/ Pulses v) Maize – Rice – Veg. vi) Veg – Rice – Veg. Agriculture pattern: Rain fed	Food grains: Rice, Wheat, Maize. Oil seeds: Mustered, Seseme Pulses: Pigion pea. Seasonal Veg: Flat bean, Long bean, Different gourds. Fruits: Mango, Jack fruit, Arecanut, Coconut, Pineapple, Banana, Guava etc.
Harirampur & Banshira Block Dakshhin Dinajpur Gongetic Aluvial zones:	Moderately drained, deep loam to clay loam. Low in organic carbon. Medium in P.K & other minerals soil fertility is medium to high.	i) Rice – Mustard - Mustard ii) Jute – Mustard – Mustard iii) Rice – Wheat iv) Maize – Rice – Mustard/Pulses v) Maize – Rice – Veg. vi) Veg – Rice – Veg. Agriculture pattern: Rain fed	Food grains: Rice, Wheat, Maize. Oil seeds: Mustard, Sesame, Groundnut, Pulses: Pigion pea, Seasonal Veg: Flat bean, Long bean, Different gourds. Fruits: Mango, Jack fruit, Arecanut, Coconut, Pineapple, Banana, Guava etc.
Illambazr, Md. Bazar & Khairasole Block Birbhum Congetic Aluvial zones:	Deep (>90 cm) well drained loamy to sandy loam occurring on gently slopping to undulating plain with moderate erodibility. Soil reaction ranges from 5.0-6.0, Low in fertility.	Rice – Fallow Rice – Mustard/Veg. Rice – Mustard Rice – Veg. Rice - Pulses Agriculture pattern: Rain fed	Food grains: Rice, Wheat Seasonal Veg.: Colocasia, Leafy veg, Broad bean, Long bean, Potato, Gourds. Pulses: Gram, Black gram, Red gram, Sesemum. Fruits: Mango, Banana, Guava Papaya, Jack fruits, Moringa etc.
Jhalda -2, Jaipur Block Purulia Red laluitec Aluvial zones:	Shallow to deep, stony, well drained, Loamy to sandy loam occurring on gentle to undulating plain with moderate	Rice – Fallow Rice – Mustard/Veg. Rice – Mustard Rice – Veg. Rice – Pulses	Food grains: Rice, Wheat, Maize, Pulses: Black gram, Horse gram, Bengal gram. Seasonal Veg.: Colocasia, Leafy veg, Broad bean, Long

	erodibility, Soil reaction 5.0-6.0. Low in organic carbon & major minerals, Low in soil fertility.	Agriculture pattern: Rain fed	bean, Potato, Gourds, Moringa. Fruits: Mango, Banana, Jackfruit, Papaya.
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