

(e) Time Frame [with WBS and Gantt Chart showing each Activity and sub components]

Activity	First year		Second year		Third year	
	1 st half	2 nd half	1 st half	2 nd half	1 st half	2 nd half
Survey and sample collection						
Community DNA extraction						
Next generation sequencing of 16S rRNA gene and ITS regions						
Bioinformatics analysis to identify the tea rhizosphere microbiome						
Isolation of dominant members of microorganisms from tea rhizosphere						
Screening for multiple plant growth promoting attributes						
Identification of newly isolated microorganisms using MALDI-TOF MS and sequencing						
Development of bioinoculant formulations based on tea core microbiome information, and strains with multiple plant growth promoting activities						
Evolution of microbial formulation in pot and field studies						
Survey will be conducted to assess the socioeconomic condition in different regions						
Conducting seminars and meetings to educate the tea growers about sustainable means of tea cultivation						
Microbial formulations will be distributed among tea growers						
Training tea workers for production and application of biofertilizers						