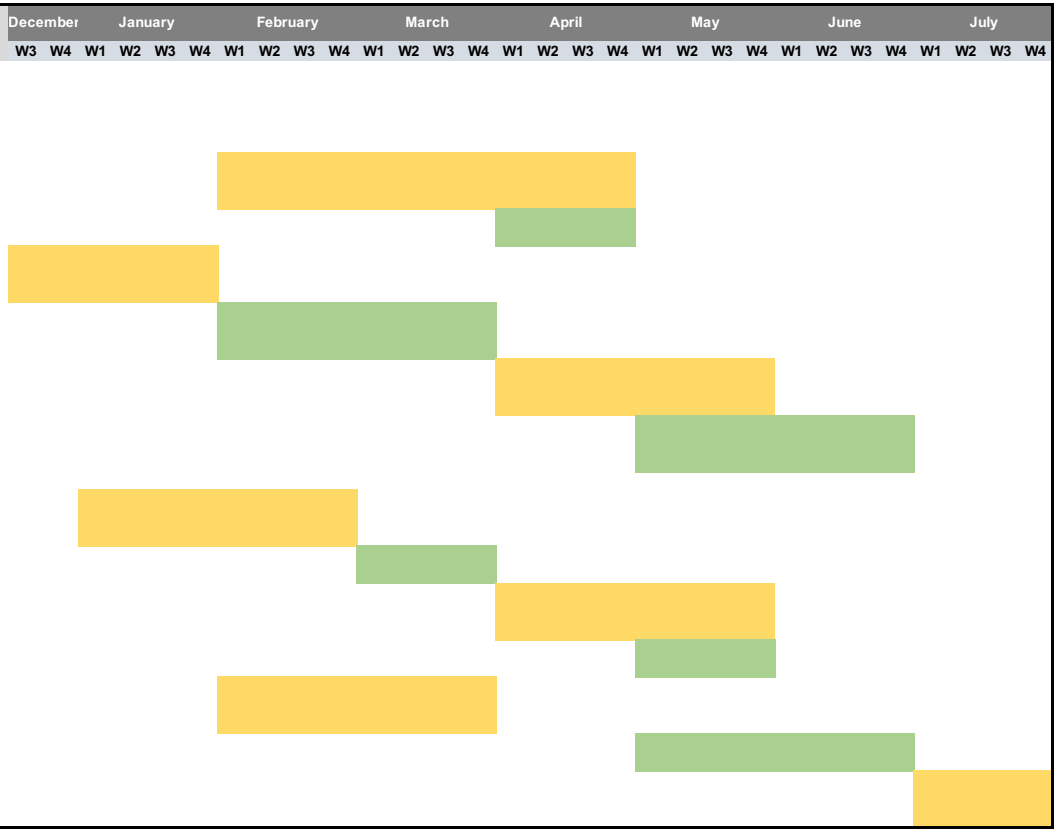
INDIVIDUAL GANTT CHART

PROJECT TITLE	CIC 405: Integrated Pest Management using Seamless Climate Information
PROJECT MANAGER	Kwang-Hyung Kim
COMPANY NAME	Seoul National University R&DB Foundation
COUNTRY OF DEPLOYMENT	BANGLADESH
THEMATIC AREA	Climate information and analytics
DATE	20 Dec - 31 Jul

TASK ID	Milestones (With Each Monthly Deliverable) TITLE	Person Responsible	START DATE	DUE DATE	Task Status
1	Output 1: Development of UniDfrom-GMP3 software package				
1.1	Collect climate data from national/global sources		20-Dec	31-Jan	
1.2	Modufy existing packages for seasonal forecast and climate change & develop new packages for S2S forecast		1-Feb	30-Apr	
1.3	Link all the packages to create a UniDform running scripts for oeprators		1-Apr	30-Apr	
1.4	Select major rice diseases and pests in consultation with stakeholders & literature review		20-Dec	31-Jan	
1.5	Collect major incidence data for rice diseases & pests over the last 30 years from BRRI & digitize them		1-Feb	31-Mar	
1.6	Develop & validate GMP3 packages for the selcted diseases & pests using available incidence data together with BRRI		1-Apr	31-May	
1.7	Link UniDform & GMP3 packages & produce a running script for UniDform-GMP3 software for operators		1-May	30-Jun	
2	Output 2: Development of IPM Decision Tree				
2.1	Select pilot sites with BRRI & collect locally available IPM strategies for selected rice diseases & pests		1-Jan	28-Feb	
2.2	Quality control & analyze IPM strategies based on actural agronomic practices in pilot areas		1-Mar	31-Mar	
2.3	Validate IPN Decision Tree with local stakeholders through multiple validation workshops		1-Apr	31-May	
2.4	Secure endorsement for IPM Decision Tree from BRRI (related govt institutes)		1-May	31-May	
2.5	Conduct stakeholder analysis to identigy training needs & to understand technical capapcity of partners		1-Feb	31-Mar	
2.6	Training technical aspects of SPMP consisting of UniDform, GMP3, & IPM Decision Tree		1-May	30-Jun	
2.7	Training oeprational use of SPMP outputs through participatory, scenario-based approaches		1-Jul	31-Jul	



Output Deliverables (For All Months)

1 UniDform packages for daily 1km resolution grid observation package, S2S downscaling package, seasonal
2 GMP3 package for five rice diseases and insect pests
3 IPM Decision Tree matrix with full range of management options for selected rice diseases and insect pests,
4 SPMP software package for climate information and IPM recommendations for seamless pest management

Output Reports Deliverables/Tranche

1	Baseline report with list of climate data collected, selected rice diseases & pests in consultation with national partners & literature review, selected pilot districts with rationale for selection, draft management options for rice disease & pests	22-Jan
2	Mid Term progress report with modified climate information packages for grid observation;	22-Mar
3	Tools and knowledge product	22-May
4	Output 4/Final Report: completion report on final SPMP software packages that are ready for	22-Jul

Key Knowledge Products and Tools
1 UniDform - GMP3 binary R Package
2 Validated IPM Decision Tree
3 Technical & Operational Manual of SPMP