



EC-FAO Food Security Programme – *Information for Action*

ANNEX I

TIME TABLE FOR A THREE WEEK CMB_{OX} TRAINING PROGRAMME

WEEK ONE

DAY		ACTIVITY	TIME
1st Day	Morning	Self Introduction, Evaluation of computer knowledge and skills, some general computer exercises	1 Day
	Afternoon	Introduction into agrometeorological crop forecasting,	
2 nd Day	Morning	General strategy agrometeorological crop forecasting and methods, examples,	4 days
	Afternoon	Crop Yield Variables, Data Quality Assessment	
3 rd Day	Morning	Trends and Detrending	
	Afternoon	Significance of Trends, Mapping	
4 th Day	Morning	Meteorological Variables,	
	Afternoon	Data Quality Assessment	
5 th Day	Morning	Potential Evapotranspiration (PET) its role in	
	Afternoon	agrometeorology and crop forecasting	

WEEK TWO

6 th Day	Morning & Afternoon	Potential Evapotranspiration (PET) and its approximation	1 Day
7 th Day	Morning & Afternoon	Mapping of yield data and meteorological data, Interpolation of data, New_LocClim as a tool for the preparation and interpretation of maps and their quality	1 Day
8 th Day	Morning & Afternoon	CM Box concept, AgroMetShell, importation of data into the database, database management, aggregation of data, output of data according to	1 Day

		different selection criteria (queries).	
9 th Day	Morning & Afternoon	AgroMetShell, importation of data into the database, database management, aggregation of data, output of data according to different selection criteria (queries).	1 Day
10 th Day	Morning & Afternoon	The FAO crop-specific soil-water balance model, part 1: Plant specific coefficients, their meaning and settings. Introduction of new species into the software. Change of features.	1 Day

WEEK THREE

11 th Day	Morning & Afternoon	The FAO crop-specific soil-water balance model, part 2. Running the soil-water balance, understanding and interpreting the output.	1 Day
12 th Day	Morning & Afternoon	Search for a statistical weather-yield function and assessment of its quality, part 1: Data pre-processing, Principal Component Analysis, Correlation Analysis. Interpretation of the coefficient of determination.	1 Day
13 th Day	Morning & Afternoon	Search for a statistical weather-yield function and assessment of its quality, part 2: Stepwise-Multiple Regression and the Crop-yield-Weather function. Absolute and relative errors. Quality assessment.	1 Day
14 th Day	Morning & Afternoon	Performing Forecasts: Application of the weather-yield function to meteorological observations in order to calculate crop-yield forecasts.	1 Day
15 th Day	Morning & Afternoon	Publish Forecasts: Preparation of publishable material graphs, maps, tables for agrometeorological bulletins. Evaluation of the 3-weeks CMBBox training programme	1 Day
