Project Title	:	Investigation of the Using Computer System For Forecasting of Potato Late Blight in Aegean Region
Start /End Date	:	2001-2004
Supporting Body	:	GDAR
Leader	:	Nedim ALTIN
Co-researchers	:	-
Summary	:	Potato late blight, caused by *Phytophthora infestans* are common in most areas of potato production in the world. Disease forecasts are a useful component in plant disease management. A large number of late blight forecasting models exist and are currently used in many potato production areas throughout the world. This study carried out in the potato growing areas of Ödemiş- İzmir provinces between the years of 2001-2003. In study had used Ullrich Schrodter, Winstel and Blitecast forecasting models which are predict infection conditions of potato late blight, caused by Phytophthora infestans. These models were compared between the actual dates when blight was found in the crop and predict infection date of these models. Thus, the best of forecast model for our region was determined. These forecast models tested 6 growing period during 3 years.

After result of study, Ullrich Schrodter and Blitecast failed to predict the infection conditions. Winstel was be successful to predict the infection conditions all growing season. Cosequently Winstel was determined the best of forecast model for our region