Title	The studies on the detection and control of diseases, pests, weeds of leafy vegetables in western mediterranean region
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Abstract:

Green-leafy vegetables are rich sources in terms of water, vitamine, antioxidants, fibrous and mineral substances. Researches have revealed that green or colorful-vegetables are necessary for human health and can be used for the treatment of the cancer and cardiovascular diseases. The firms cultivating vegetables for salads present their products to consumer by gathering and packaging different varieties. However, encountered with some pests during cultivation, significant economic losses in production could be seen. Attachment importance to plant protection endeavour should be fulfilled in order to prevent these losses. Determination of prevalence ratio and with regards to management of fungal, bacterial, viral diseases, beetles and weeds restricting the production of Lettuce, parsley, dill, arugula, cress, purslane, polorrosso and basil are aimed with this study.

Survey studies are going to be conducted in the production areas of Lettuce, parsley, dill, arugula, cress, purslane, polorrosso and basil in Antalya province. Determined pests are going to be identified and management programs are going to be formed for the significant ones according to damage and prevalance ratio. With this project, it will be revealed the extent of the problem due to pests on these vegatables. Thus, unconsciously applying pesticides will have been precluded with the studies as regards management of the pests determined as significant.

Key words: Lettuce, parsley, dill, arugula, cress, purslane, polorrosso, basil, disease, pest, weed