

Investigation of Economical effects and physiological intercropping (Vegetable and foragecrops) on Kabkab Date palm in Busheher province.

M-H-Kord, A.Hasan poor

Horticultural Expert.Fars. Deputy of Agriculture, Research,Education and Extension Organization .Fars.

The purpose of this study which was done in 1999,was to determine the economical advantages of intercropping between date trees, with forage and vegetables and also the existed moisture content effects on pouring of date fruit ,specifying Kabkab Variety.

The plan of this research consisted of randomized blocks with 4 treatments in the following orders: Alfa alfa ,basil ,purslane .and controlgroup.

Characteristic of date trees such as age ,size ,planting distance,and irrigation method were similar.

During planting season and tillage practical period ,sampling,weighing,and selling income were evaluated.

Data were collected in special form, then samples were taken for experiments to represent physical & chemical characteristics such as vegetable and forage weight ,yield,fruit pouring,seed , weight, pulp to seedratio,yield per tree,fruit length,fruitweight,fruit width, pulp weight,seed length,T.S.S and fruit pH .

The result of this study showed that two pairs of vegetables,weights,economical value and some physical characteristics were affected by treatments .These influences were significant.

Hower ,there were no significant influences on chemical characteristics like T.s.s and pH fruit.

Purslane treatment had the highest economical effect in intercropping with Kabkab date palm ,but in order to increase of moisture had not significant