



<b>PROJECT TITLE</b>	Central Anatolia Region Safflower Breeding Project
<b>PROJECT NUMBER</b>	TAGEM/TBAD/E/20/A7/P4/1666
<b>PROJECT LEADER</b>	Assoc. Prof. Dr. Hasan KOÇ
<b>RESEARCHERS</b>	Dr. Ahmet GÜNEŞ, Birol ERCAN, Seydi AYDOĞAN
<b>INSTITUTE</b>	Bahri Dağdaş International Agricultural Research Institute
<b>START AND END DATE</b>	01.01.2020-01.01.2025
<b>PROJECT RESOURCE AND BUDGET</b>	TAGEM/75. 000
<b>PROJECT DEPARTMENT</b>	Department of Field Crops Research
<b>SUMMARY</b> <p>While offering new alternatives to the Central Anatolian farmers, the wishes of the farmers and industrialists should be taken into account in order to adopt them. The most important factors affecting the economy of oil crop agriculture are seed yield and oil rate. The aim of safflower breeding is primarily to obtain varieties with high seed yield and oil content. In the project, pedigree breeding method is applied. Micro yield and Macro yield trials are set up in a randomized block design with 4 replications. Lines that stand out in terms of yield and oil ratio are presented as candidate varieties for registration. With the project, it is aimed to develop suitable varieties to increase safflower productivity and quality by evaluating the local safflower material in Turkey and the safflower materials originating abroad, and to enrich the country's safflower genetic resources. The project primarily includes crossbreeding and selection studies for these goals.</p>	
<b>KEY WORDS:</b> Safflower, Selection, Seed yield, Oil content	