



## Registration of "Onur01" Chickpea (*Cicer arietinum* L.) Variety

Onur01 is a chickpea (*Cicer arietinum* L.) new variety, developed and registered in 2019 by Eastern Mediterranean Agricultural Research Institute (EMARI) of Turkey. The variety is well adapted to winter and early spring conditions of Mediterranean, Aegean and South East Anatolia Region of Turkey. "Selection Breeding Method" was used to develop this variety, in which a single plant was selected from local population as a source material.

Plant is well adapted to mechanised harvesting due to its erect growth habit, having 35-75 cm plant height and 9-34 cm first pod height. Time to flowering is 61-115 days and time to physiological maturity is 106-

180 days. Grain is light-beige colored and round shaped which has 36-53g 100-grain weight. Water absorption capacity is 1.09-1.19 ml/grain; Water absorption index is 1.05-1.10%; Swelling index is 2.34-2.58%; Eight mm sieve value is 50.8-51.8%; Protein ratio is 23-24%. Time requirement for cooking is 45-57 minutes.

Onur01 yield potential is high however; high yield can be obtained, if environmental conditions are favorable and good agronomic practices are applied. Average grain yield of variety under field tests was recorded 2.5 t/ha with tolerance to Ascochyta blight.

Figure 1. Pictures showing (a) plant growth habit, (b) grain and (c) pod morphology of Onur01 variety (Original).



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### References and Notes

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