



Registration of "Samsoy" Soybean [*Glycine max* (L.) Merr.] Variety

Mehmet ERDOĞMUŞ* Meral ERGİN Serkan YILMAZ Seyit Ahmet EROL Celal BAYRAM*

Black Sea Agricultural Research Institute, Samsun, Turkey.

* Corresponding author e-mail: mehmet.erdogmus@tarimorman.gov.tr

Citation:

Erdoğan M., Ergin M., Yılmaz S., Erol SA., Bayram C., 2023. Registration of "Samsoy" Soybean [*Glycine max* (L.) Merr.] Variety. Ekin J. 9(2):175.

Received: 12.10.2022

Accepted: 14.03.2023

Published Online: 31.07.2023

Printed: 31.07.2023

Samsoy is a Soybean [*Glycine max* (L.) Merr.] variety (Figure 1) developed by Black Sea Agricultural Research Institute, Samsun, Türkiye and registered in 2019 Samsoy was developed by crossing (Sprite 87 x Macon).

In terms of morphological characteristics, Samsoy variety has determinate plant growth type, semi-upright, medium early (143 days) with white flowers. It can grow up 90-115 cm in favorable conditions and first pod height is 15 cm. Seeds of Samsoy variety are round flat and light brown (Figure 1). Moreover, its pods are resistant to grain cracking and lodging.

Agricultural characteristics of Samsoy variety are that number of pods/plant is 90 and weight of 1000 grain is 202 g. The yield of Samsoy variety is varying between 370-500 kg/da. Its protein and fat ratios vary between 36-42% and 19, 5-21.7%, respectively. Resistance or tolerance to pests and diseases has not been tested. However, disease and harmful contamination were not found in field experiments.

It can be grown as the main commodity in the Black Sea Region, Marmara Region and Transitional Zones, as a second crop in the Mediterranean Region and Southeastern Anatolia in Türkiye.

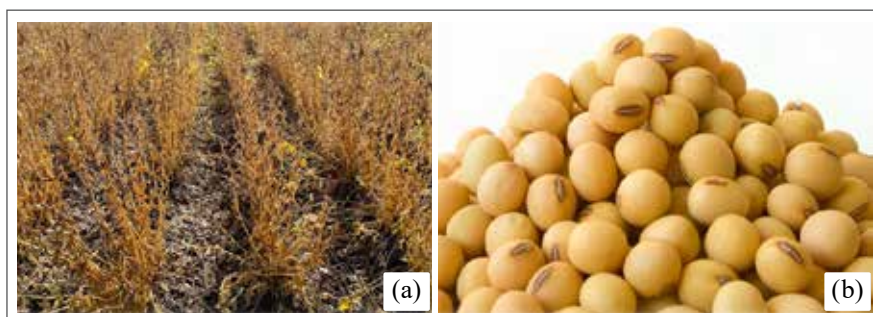


Figure 1. (a) Plant(b) Seeds. (Original)

References and Notes

Anonymous, (2019). Ana ürün soya tescil raporu, Ankara. (in Turkish, unpublished)<https://www.tarimorman.gov.tr/BUGEM/TTSM/Sayfalar/Detay.aspx?SayfaId=132>