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Association for Breeding Research and Crop Maintenance
Based on Biodynamic Principles

Breeding Biography of a Biodynamic Variety

Updated: 15/02/2017



Tomato

BOGU'S FRUCHTA

German Plant Variety Registry Code:
TOT 398

Breeder:

Christoph MATTHES

Variety Description:

BOGU'S FRUCHTA is a bush tomato variety with bipinnate leaves and round, red, unmottled, two- to three-chambered fruits (light fruit type). The fruits weigh about 40 g and have a good flavor and harmonious sweet to sour proportionality. The plant remains vital for a long time and also sends out late side shoots with fruit sets (growth height up to 65 cm); it should therefore be supported by a stake. Pruning of this determinate bush tomato is not necessary. Recommended for resale of plantlings and for the hobby gardener.

Breeding History:

The variety is one of three bush tomato cultivars that Prof. Eduard von Boguslawski (botanical scientist, 1905-1999) bred in Breslau in the 1930s. The cultivars were at that time registered varieties and probably also commercialized; later the breeder gave them for maintenance and further work to Prof. Walter Schuster.

In 2002, the three varieties FRUCHTA, MAJA, and TOBANA from Dr. Hartmut Spiess and Christoph Matthes were examined to see if in cultivation they were suitable for organic gardening or as cross-breed partner for further tomato breeding. Of the three trialed varieties, FRUCHTA appeared to be the most attractive because of its flavor, lack of mottling and lack of yellow shoulder formation as well as its earliness.

FRUCHTA was propagated and selected annually over the years 2003 to 2011 at the biodynamic Dottenfelderhof Farm. By selecting for the earliest possible ripening plants, the earliness of the variety could be improved. It was thus possible to improve the early maturity, for example, compared to the variety ROTKÄEPPCHEN. In 2012, it was approved by the German Plant Variety Registry under the

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name BOGU'S FRUCHTA as an amateur variety. Its name honors the memory of the scientist, who in the 1970s presented the first dissertations on questions concerning biodynamic agriculture.

Maintenance breeding of the variety is sustained by Ch. Matthes at Dottenfelderhof Farm, in Bad Vilbel. The organization of the multiplication and commercialization of the sale seed is, among other things, the responsibility of the Bingenheimer Saatgut AG.