



Salad cucumber, snack and mini cucumber for outdoor and greenhouse cultivation

PERSIKA

German Plant Variety Registry Code:
GU 285

Breeder:

Dr. habil. Hartmut SPIESS

Variety Description:

PERSIKA is a highly productive, monoecious salad cucumber with green, short- to medium-long, smooth-skinned fruit. Under normal cultivation the fruits are bitter-free and are distinguished by an intense, exceptional, cucumber aroma. When cultivated in the greenhouse, the lateral shoots should only be cut after the first or second fruit, so that the full yield potential of the variety can be maximized.

Characteristics according to UPOV test guidelines (selection from the results of the registry examination): undetermined growth type, middle to strong growth, with medium to large total length (first 15 internodes). "Male" and "female" flowers are approximately uniform, with one to three "female" flowers being formed per node. The timing for formation of "female" flowers is medium-early.

The fruit has a middle comparative length and diameter, the ratio length to diameter is small- to medium-sized, the ratio of the seed-bearing core diameter to overall fruit diameter is also in the middle range. Warts and short to medium long streaks can be found on the fruits. At market ripe, the fruits are green (color intensity light to medium), and yellow at physiological maturity. Resistance to powdery mildew (*Sphaerotheca fuliginea*) is not present; other resistances have not been tested. There are bitter substances in the germinal layers as well as in the peduncles of the fruit stalks. In outdoor cultivation, susceptibility to false mildew (*Pseudoperonospora cubensis*) was observed. For mildew prophylaxis, the use of Myco-Sin® and Milsana® are recommended, mixed or in alternation.

Breeding History:

PERSIKA originates from a seed imported from Persia (Iran) in 1979 without a varietal name. Since then, trial breeding has taken place under biodynamic, Demeter-certified cultivation conditions at Dottenfelderhof Farm in Bad Vilbel. Selection was carried out under outdoor conditions.

KULTURSAAT e.v.

Association for Breeding Research and Crop Maintenance
Based on Biodynamic Principles

Due to its extraordinary flavor and its formative force qualities, as well as its particularity as a bitter-free snack cucumber, it was submitted in 1999 to the German Plant Variety Registry for trial. After successful approval, it was entered into the national register of varieties in 2001. The maintenance breeding and production of the stock seed are carried out by Christoph Matthes with the "Vegetable Breeding Research" program of the Dottenfelderhof Farm farming school association. The Bingenheimer Saatgut AG is responsible, among other things, for the multiplication and commercialization of the sale seed.