

## MUSCAT OTTONEL 16 Șt.

Ripening period: Third (III)

### Grape cluster:

- Size: medium, 130 – 150 g
- Shape: conical
- Compactness: compact, winged

### Berry:

- Size: medium, 2.0 – 2.5 g
- Shape: spherical
- Color: greenish-yellow
- Flesh: semi-crunchy
- Aroma: muscat
- Seeds: present

### Tolerance:

- Drought: low
- *Plasmopara viticola* (downy mildew): medium
- *Uncinula necator* (powdery mildew): medium
- 

### Maintainer:

INCDBH Ștefănești – Argeș

### Agrobiological and Technological Characterization:

Growth vigor is medium, and fertility is good, with up to 75% fertile shoots.

### Fertility coefficients:

- Absolute: 1.3 – 1.80
- Relative: 1.0 – 1.3

### Productivity index:

- Absolute: 180 – 210
- Relative: 120 – 160

Sugar concentration in must is high, averaging 210 – 220 g/L, while acidity ranges between 2.2 – 3.0 g/L  $H_2SO_4$ .

Average grape production per vine is 3.5 – 4.5 kg, and per hectare it can reach up to 18 tons in favorable years.

### Zoning:

Recommended for cultivation in all wine-growing regions of the country.

The 'Muscat Ottonel 16 Șt.' clone stands out for:

- Superior wine quality
- Intense muscat aroma
- Good disease tolerance
- Increased frost tolerance (-22°C)

### Production direction:

High-quality, aromatic wines.

