

## FETEASCĂ NEAGRĂ 6 Șt.

**Ripening period:** Fourth (IV)

**Grape cluster:**

- Size: medium to large, 180 – 220 g
- Shape: cylindro-conical, bi-winged
- Compactness: compact

**Berry:**

- Size: medium, 1.6 – 1.8 g
- Shape: spherical
- Color: intense violet-black, pruinose
- Flesh: juicy
- Aroma: neutral
- Seeds: present



(powdery bloom)

**Tolerance:**

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

**Maintainer:**

INCDBH Ștefănești – Argeș

**Agrobiological and Technological Characterization:**

Growth vigor is very high.

**Fertility coefficients:**

- Absolute: 1.10 – 1.50
- Relative: 0.6 – 1.3

**Productivity index:**

- Absolute: 180 – 220
- Relative: 1.00 – 1.40

Sugar concentration in must is high, averaging 210 – 240 g/L at over-ripeness, while acidity varies between 2.3 - 3.5 g/L H<sub>2</sub>SO<sub>4</sub>.

Average grape production ranges between 2.2 - 4.0 kg/vine, and yield per hectare can reach up to 16 tons in favorable years.

This variety consistently produces a well-structured wine with a high alcoholic potential of 11.2 – 12.8% vol. alcohol.

- Color: ruby red, maintaining well over time
- Tannins: young wine is somewhat harsh due to a high content of phenolic compounds
- Body: provided by the large amount of glycerol (a sweet alcohol)

- Color intensity is very strong due to polyphenols in the berry skins

**Zoning:**

Recommended for cultivation in all wine regions of the country.

The 'Fetească Neagră 6 Șt.' clone is distinguished by:

- Good tolerance to drought and frost (-24°C)
- High sugar concentration

**Production direction:**

Superior quality wines in the DOC. and DOCC categories.