

# Nathy Program

## Resistant and high-quality varieties

### OBJECTIVES OF THE NATHY PROGRAM

Through the NATHY program, Novatech Sélection offers viticulture a new generation of varieties, more resistant and of higher quality, obtained through natural crossings. This program is led by the teams at the Novatech laboratory in collaboration with renowned hybridizers.



In summary, the approved NATHY resistant varieties stand out for:

- A quality level sufficient for 100% winemaking.
- A superior level of resistance.
- A robust genetic makeup to limit the risk of circumvention.
- Quality and agronomic stability that winemakers can rely on.

### BENEFITS FOR VITICULTURE

- **Respect for the environment** (reducing the number of treatments on your vineyard or in buffer zones). With only two preventive treatments per year, the environmental impact of the wines produced is lower than that of conventional varieties managed according to organic standards. The approved NATHY varieties are perfectly suited for buffer zones.
- **Securing certified organic wine production** (controlling the quality/price ratio under all climatic conditions). With only two preventive treatments per year in line with organic standards, NATHY varieties maintain both yield and quality regardless of climatic conditions.

### PROCESS AND NOVATECH SKILLS DEPLOYED

- Hybridization: Novatech works in collaboration with several renowned hybridizers.
- Genetic selection (laboratory marker-assisted): For each new candidate variety, Novatech relies on the expertise of a geneticist and a genetic sequencer. This step allows for the rapid and efficient selection of candidate varieties that carry the desired resistance and quality genes. **Novatech is currently the only selection center in France with this expertise.**
- Health analysis: Systematically, selected candidate varieties undergo PCR testing to validate their sanitary quality. This process is routinely handled by the Novatech laboratory's analysis department.
- Experimental multiplication: This involves rapidly multiplying a sufficient number of plants of the selected variety for evaluation under real-world conditions.
- Field selection (evaluation and monitoring of experimental plots under real conditions): Each new variety is technically evaluated and characterized to confirm that it meets the set objectives (quality, resistance, and stability). This expertise is routinely managed by Novatech's selection department, which already oversees Unik, private, and clonal mass selections. **Novatech is currently the only private French selection establishment.**
- Protection and registration: Selected varieties that meet NATHY objectives are then submitted for registration, essential for market release and intellectual property protection (to remunerate the creator and breeder).
- Field monitoring (winemaker user): All approved NATHY varieties undergo technical monitoring with users to improve the overall selection process.

### AVAILABLE NATHY VARIETIES

The NATHY-Sauvignac is the first resistant variety in this range, registered in 2020 and now included in the specifications of several IGPs and AOPs. Twenty-two new, particularly promising varieties are in the process of DHS-VATE registration (official registration in the national catalog), and more than 1,000 others are currently under evaluation.

### CONDITIONS OF USE FOR THE NATHY RANGE

NATHY varieties are registered by Mercier Novatech and multiplied exclusively by licensed nurseries. Their use is conditional; please refer to the usage contract provided by the authorized multiplier. NATHY is a registered trademark.

**WARNING:** We strongly encourage winemakers to check the resistance levels of the plants before considering planting them in their vineyard. The risk of circumvention is real. Not all resistant varieties offer the same level of robustness against different diseases.

