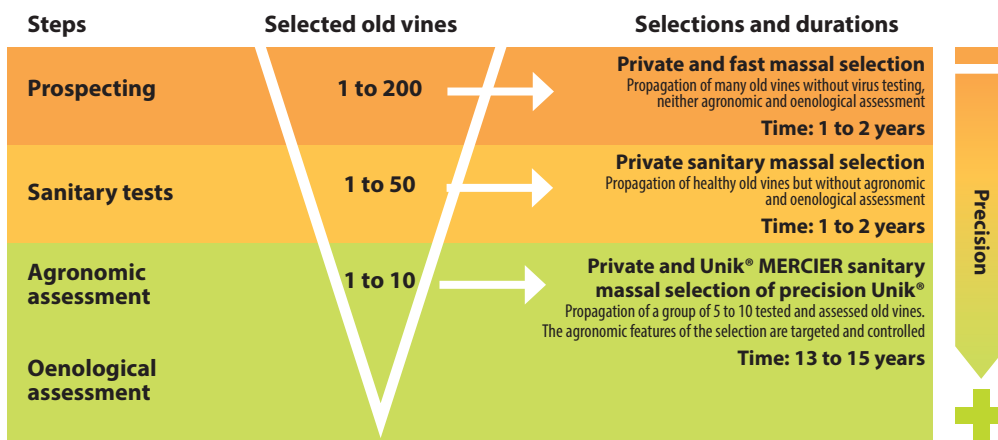


# SANITARY MASSAL SELECTION OF PRECISION PETIT VERDOT UNIK® G1

## ■ WHAT IS A MASSAL SELECTION UNIK® G1 MERCIER?

- It is a population of 5 to 10 old vines selected for their agronomic and oenological quality further to several years of assessment beside one or several reference clones.
- The 5 to 10 old vines selected are propagated in mixture to the extent that their features and their date of maturity are compatible and conform to the targeted objectives.
- All those old vines were tested by Novatech laboratory vs major viruses of the vine plant and are guaranteed free from fanleaf virus, leaf-roll 1, 2, 3 and secondary viruses.

## ■ STEPS AND DURATIONS OF MASSAL SELECTION UNIK® G1 MERCIER:



## ■ WHAT IS THE DIFFERENCE BETWEEN A MASSAL UNIK® SELECTION AND A FAST CLASSIC MASSAL SELECTION?

### THE SANITARY SECURITY

- All our selection projects start with virus testing made by a ISO 17025 certified laboratory. Unik® Massal selections are all guaranteed free from the main vine plants viruses (fan-leaf virus, leafroll 1, 2, 3 and secondary viruses).

### THE GENETIC DIVERSITY

- The first perimeter of prospection is the broadest possible in order to maximize the genetic diversity. At the beginning of the selection, we count more than 250 old vines to finally select just some of them.

### THE AGRONOMIC PRECISION

- Old vines integrating Unik® Massal selections have been studied for several years to assess their agronomic and oenological features and to confirm their higher characteristics beside the reference clones and the targeted objectives of the selection.
- Only homogeneous old vines on maturity aspect are brought together and propagated.

Only certified material can be eligible for subsidy, selection material is not.  
In compliance with the company policy in sanitary quality and in compliance with the regulations,  
it is not possible to propagate vegetable material that could be potentially virus-infected.

DIFFERENTIATING  
AND IMPROVING  
THE GENETIC  
DIVERSITY OF  
YOUR VINEYARDS  
WITHOUT  
SANITARY AND  
AGRONOMIC RISK



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# PETIT VERDOT UNIK® G1

## IDENTITY CARD



Pépinieriste viticole expert

### IDENTITY AND AVAILABILITY:

Selection criteria:	Petit Verdot with a moderate fertility and organoleptic characteristics superior to reference clones.
Reference clones :	Clone 400 and clone 1058
Geographical origins:	Right and left banks - Bordeaux vineyards older than 45 years.
Number of prospected old vines:	110
Number of assessed old vines:	40
Number of assessed and propagated old vines in mixture in the selection:	7
Start of the propagation:	2013

### AGRONOMIC DATA VS REFERENCE CLONES:

■ Petit Verdot Unik® G1  
■ Petit Verdot Clone 1058  
■ Petit Verdot Clone 400

Fertility:	1		9
Bunches weight:	1		9
Berries size:	1		9
Production level:	1		9
Vigor:	1		9
Sensitivity to fungal diseases:	1		9

Comments:  
Quite close to the clone 1058, the Unik selection shows a reasonable production with a limited fertility, small bunches and small berries. These features are particularly interesting for the production of quality red wine.

### OENOLOGICAL DATA VS REFERENCE CLONES:

Sugar content:	1		9
Total acidity:	1		9
Aromatic intensity:	1		9
Potential color:	1		9
Tannic structure:	1		9
Oenological features:	1		9

Comments:  
The Unik® selection shows a great complexity and a promising oenological potential in blend or in mono varietal.

### AVAILABLE FORMATS AND OPTIONS FOR THE PETIT VERDOT® G1

#### MASSAL SELECTIONS:

#### ■ Bare roots dormant vines



- Protection and support Ceptonic®
- Roots trimming
- Hot Water Treatment\*

#### ■ Mycorrhizal vines in biodegradable pots 7x9



- Protection and support Ceptonic®
- Hot Water Treatment\*

PETIT VERDOT  
SUPERIOR TO  
REFERENCE CLONES  
400 AND 1058

UNIK® SELECTIONS  
ONLY AVAILABLE  
IN THE MERCIER  
BIOCONTROL RANGE

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\*The Hot Water Treatment is to soak the young vines during 45 minutes at +50°C. The Hot Water Treatment is extremely traumatizing for the young vines by consuming most of the vine reserves. The consequences could be a simple delay in bud break or the death of the vines in the worst case. They depend on soil and climate conditions at planting time. The Hot Water Treatment does not guarantee new contaminations after planting. The Hot Water Treatment changes our usual take rate guarantee conditions..

