



Merlot Unik Wide Diversity

Exceptional massal selection

The objectives of the Merlot massal selection were to identify individuals with average production in order to obtain organoleptic qualities superior to those of the reference clone.

IDENTITY CARD

| Description | Lower yield, lower PAL, resistance to flower abortion |
|---|---|
| Number of pre-selected genotypes - Geographic scope : | 377 - Gironde |
| Duration of the study - Vintage of the last data analysed : (Survey - Sanitary analysis - Agronomic and oenological ratings) | 7 years - 2018 |
| Reference clone used to assess selection : | Merlot clone 181 |
| Number of genotypes in the Unik selection : (Genotype selected after comparison with the reference clone) | 10, in a homogeneous blend |
| Selectors : | Novatech team |

AGRONOMIC AND OENOLOGICAL RATINGS

| 1 - Agronomic characteristics | Merlot Unik | Merlot 181 |
|--|---|--|
| Fertility (number of bunches per shoot) | 2,9 - lower  |  3,2 |
| Grape load per vine (average weight of the 10 selection genotypes, kg) | 2,45 - lower  |  2,99 |
| Bunch weight (average weight of the 10 genotypes in the selection, g) | 112 - lower  |  127 |
| Weight of 100 berries (average weight of the 10 genotypes in the selection, g) | 153 - lower  |  158 |
| PAL (Potential Alcohol Level) | 14,2 - equal  |  14,3 |
| Total acidity (g H2SO4/mL) | 4,18 - higher  |  4,13 |
| Resistance to flower abortion (1 : low, 4 : high) | 2,78 - equal  |  2,8 |

2 - Oenological characteristics

— Indicator 181
— Merlot Unik

