

Final report figures

Description of the main S&T results/foregrounds

WP4 figures



Figure 1. The two training systems compared: cordon (currently used in TORRES vineyards) and Palmeta



Conventional production with 1 fruit cane with norming and defoliation



Conventional production with 2 fruit canes with norming and defoliation

Figure 2. Differences of productivity in two of the training systems tested by VINZAVOD.

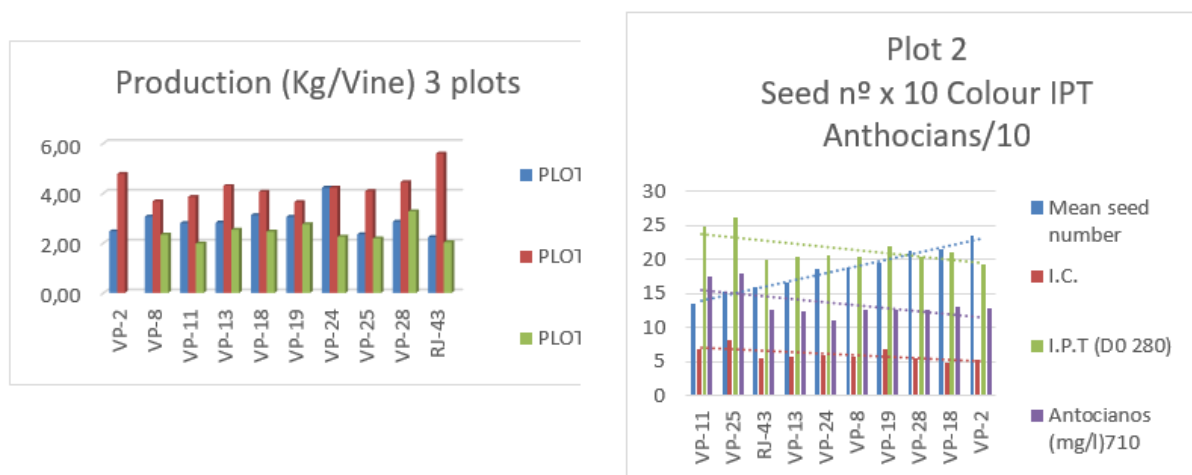


Figure 3. Illustration of the differences observed between The Tempranillo clones tested in three contrasted terroirs of La Rioja by PROVEDO.

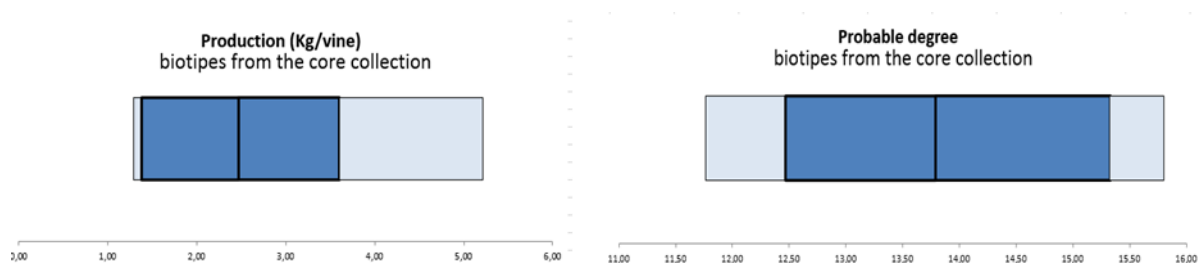


Figure 4. Illustration of the range of variation for yield and alcohol degree at harvest observed by RODA in its core collection of Tempranillo clones.

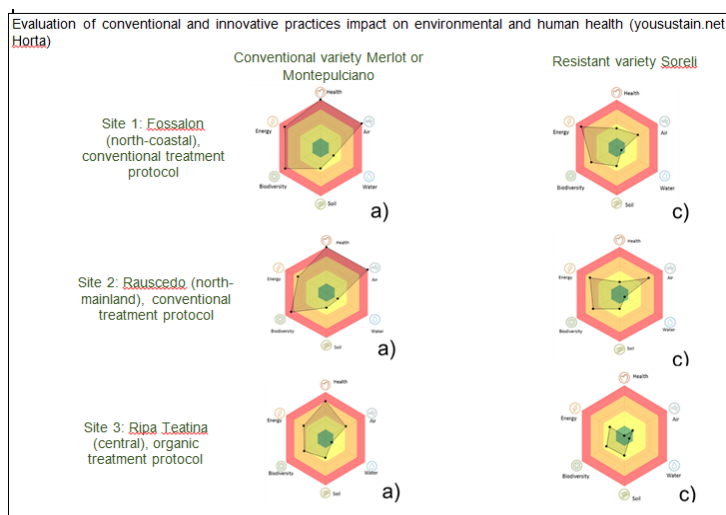


Figure 5. Result of the evaluation by VCR in collaboration with HORTA of the impact on environment and human health of the use of a variety resistant mildews versus a susceptible one.

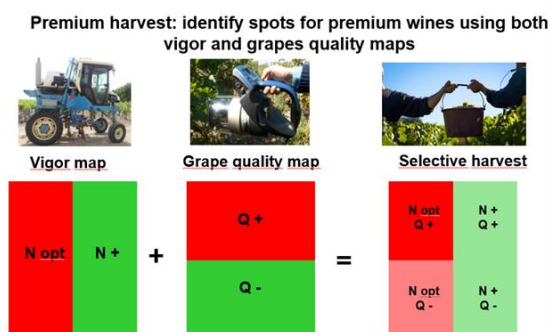


Figure 6. Definition of differential harvest modalities using a combination of on-the-go (for nitrogen status) and hand-held (polyphenols in the berries) monitoring tools developed by FORCE-A

WP5 table

Table 1. Mapping of the DSS functionalities (services) and associated tools developed by FORCE-A

	Phenotype characterisation	Disease evaluation	Foliar development management	Berry quality selection
Data collection devices	On-the-Go Multiplex sensor, modalities tested at INRA33 and GRC		On-the-Go Multiplex (leaves): - Sensor mounting - FA-BOX v2 - Reproducibility of the maps in Bordeaux area - Calibration of vigor maps - FA-SERVER tested at GRC	Portable Multiplex Anth: - Repeatability and reproducibility in Bordeaux area - New mapping and zoning functionalities - FA-SERVER tested with our customers
Diagnostic functionalities		Early detection in vineyard with Multiplex 330 with IFV33 (and JKI in link with WP3)	- Partner for PTO development - Experiment with IFV33 to demonstrate that flavonols are an indicator for disease susceptibility - Selective harvest based on vigor map - Fertilization management	- Anthocyanin plot selection at IFV Sud Ouest - Anthocyanin kinetics and mapping with Horta - Selective harvest in link with WP4 at Château Couhins

Project logo

