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.*

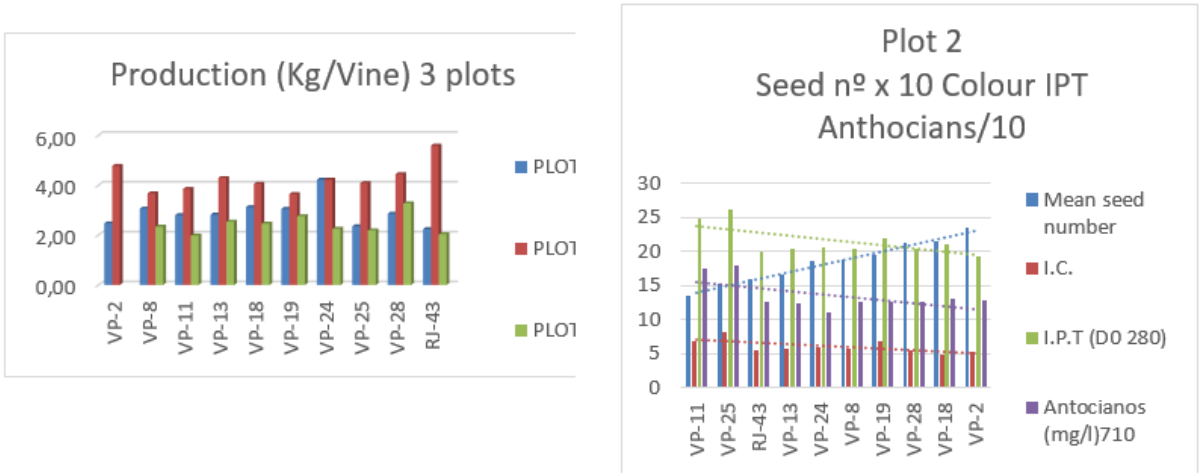

Figure 3. *Illustration of the differences observed between The Tempranillo clones tested in three contrasted terroirs of La Rioja by PROVEDO.*

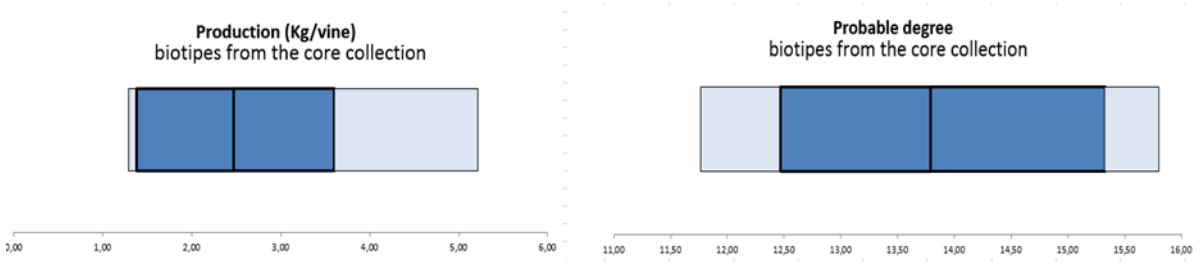

Figure 4. *Illustration of the range of variation for yield and alcohol degree at harvest observed by RODA in its core collection of Tempranillo clones.*

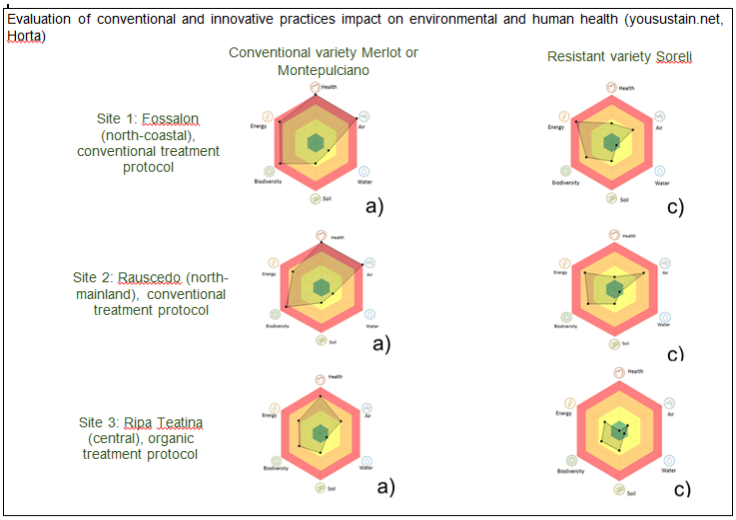

Figure 5. *Result of the evaluation by VCR in collaboration with HORTA of the impact on environment and human health of the use of a variety resistant mildews versus a susceptible one.*

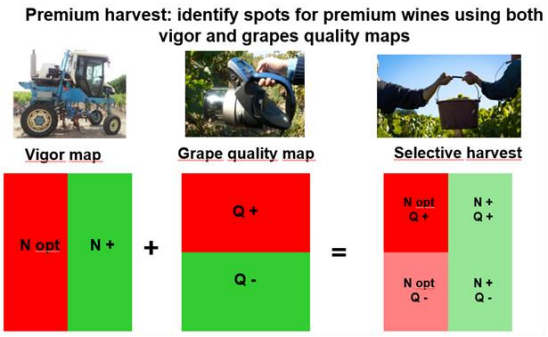

Figure 6. *Definition of differential harvest modalities using a combination of on-the-go (for nitrogen status) and hand-held (polyphenols in the berries) monitoring tools developed by FORCE-A*

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

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