DEMO FARM	SMV 2
Farm name	***Az. Ottina Enrico Gustavo Aldo***
Project area	Oltrepò Pavese
Demonstrative vineyard	
Variety	Riesling italico
Rootstock	SO4
Training system	Guyot
Vine spacing	2.20 x 0.90
Row orientation	NW-SE
Altitude	200 m a.s.l.
Geographical localization	44°59'51.02"N - 9°17'2.57"E

Figure 31: SMV_2 DEMO vineyard

Action plan description

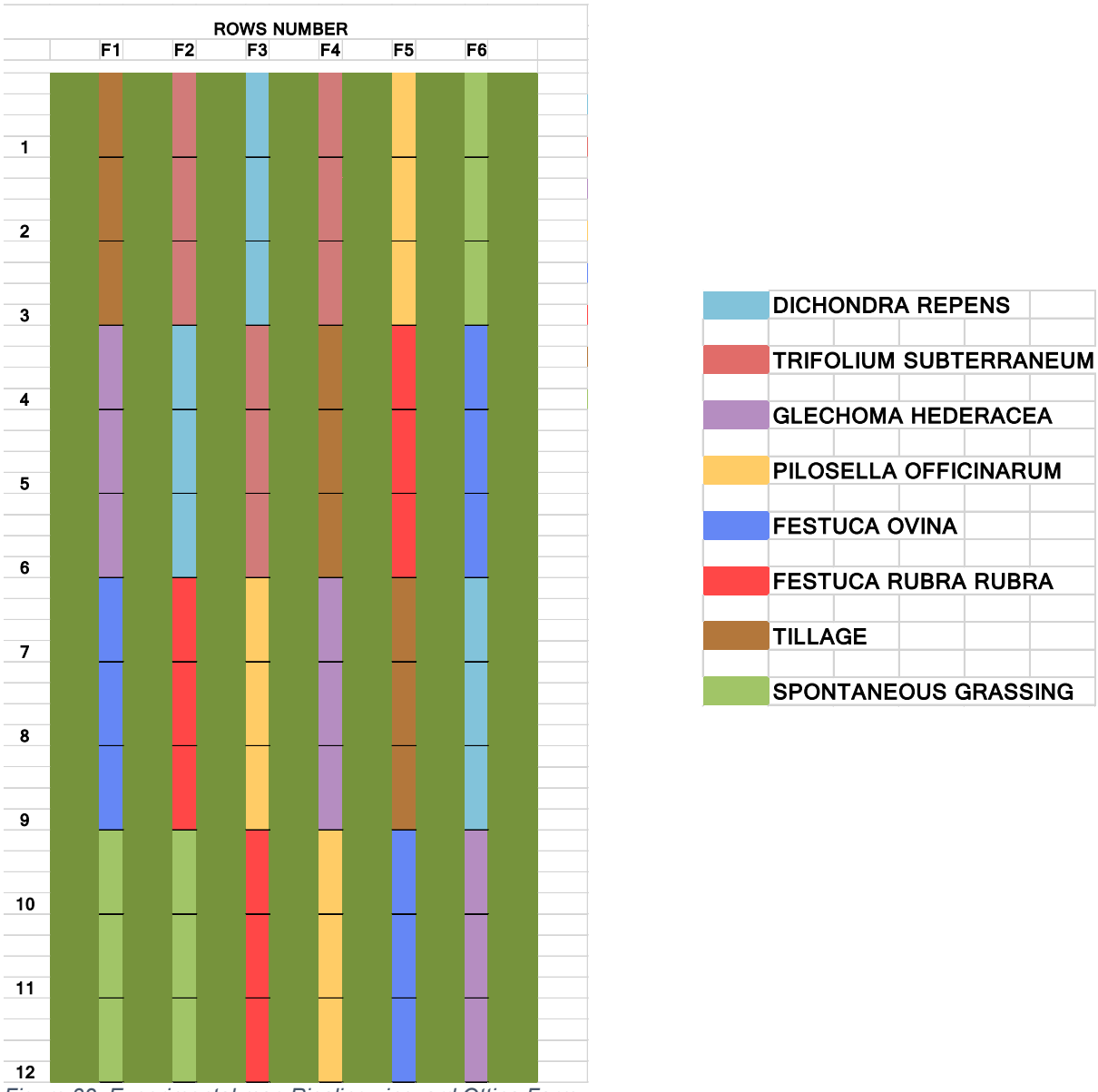

Figure 32. Experimental map Riesling vineyard Ottina Farm.

Resilience techniques applied

Techniques	Description
Sub row Grassing	Six different herbaceous ground cover species were sown (*Dichondra repens, Trifolium subterraneum, Festuca ovina* and *Festuca rubra rubra*) or transplanted (*Glechoma hederacea* and *Pilosella officinarum*) in the sub-row.
Tillage	Sub-row tilled with rotary harrow
Spontaneous Grassing	Herbaceous species growing wild in the area

What we do

Activities	Date	Notes
	2022	
Under the row tillage	4th February	First cleaning
Under the row tillage	6th April	Power harrow
Sowing and transplant	28th April	
Harvest		Not harvested due to hail
Pruning		Not yet performed

Activities

This vineyard was also heavily damaged by two hailstorms at the end of May and in July.
The aim of this trial is to establish the covering species in the sub-row. Unfortunately, since sowing and transplanting, total rainfall throughout the season was very low and we had to intervene with numerous emergency irrigations. *Glechoma hederacea* and *Pilosella officinarum* overall established well, whereas for the other species we had to intervene with additional sowing.

Figure 33. Tillage machinery, sowing and transplanting operations.