	Year					20				2022						2023		
		9 10 11	1 12 1	1 2	3 4	5 6	7 8	9 10 1	1 12	1 2 3	4 5	6 7	8 9	10 11	12 1	2 3	4 5	6 7 8
Objectives Charles and Charles	Responsible			П														
O1. 1. Evaluate the influence of PGPRs, cover and rotation crops on soil health and RD-mitigation on susceptible clonal peach seedlings in greenhouse conditions and on-farm	Lead: Vivanco																	
Activity 1. Clonal peach seedlings rootstocks and grafted trees order from nursery	Minas, Sterle, Stonaker																	
Activity 2. RD-soil sampling from commercial orchards	Sterle, Stonaker, Talbott, Ela, Rowley																	
Activity 3. PGPRs, cover crops and rotation crops using susceptible rootstocks greenhouse experiment	Vivanco, Manter, Minas, GRA																	
Activity 4. PGPRs, cover crops and rotation crops using grafted trees on susceptible rootstocks on-farm experiment	Vivanco, Minas, Talbott, Ela, Rowley, Sterle, Stonaker																	
Activity 5. MiniRhizotron capturing of rhizosphere growth at WCRC-OM	Minas, Vivanco, Sterle, GRA															Ш		
Activity 6. Soil and leaf sampling for mineral analysis (greenhouse and on-farm)	Minas, Vivanco, Sterle, GRA, Talbott, Ela, Rowley, Stonaker															Ш		Ш
O2. 2. Identify RD-tolerant rootstocks and the soil microbiome changes associated with RD development/resistance in greenhouse and on-farm conditions	Lead: Minas																	
Activity 1. Clonal peach seedlings and <i>Prunus</i> hybrid rootstocks selection and grafted trees order from nursery	Minas, Sterle, Stonaker, Talbott, Ela, Rowley																	
Activity 2. RD-soil sampling from commercial orchards	Sterle, Stonaker, Talbott, Ela, Rowley																	
Activity 3. Rootstock greenhouse experiment	Minas, Vivanco, GRA															Ш		
Activity 4. Rhizosphere samples collection, DNA analysis	Vivanco, Manter, GRA																	
Activity 5. Grafted trees on selected rootstocks growth evaluation in WCRC and experimental orchards	Minas, Sterle, GRA, Talbott, Ela, Rowley Stonaker																	
Activity 6. MiniRhizotron capturing of rhizosphere growth	Minas, Vivanco, Sterle, GRA															Ш		
Activity 7. Cold hardiness assessment of on-farm grown rootstocks	Minas, Sterle																	
Activity 8. Soil and Leaf sampling for mineral	Minas, Vivanco, Sterle, GRA, Talbott, Ela, Rowley, Stonaker				Ш											Ш		Ш
$\underline{\mathbf{O3.}}$ Impact farmer decision-making by sharing results through multiple methods	Lead: Minas																	
WCHS Annual meetings presentations and visits in commercial showcase orchards	Minas, Vivanco, GRA, Talbott, Ela, Rowley, GRA, Sterle, Stonaker																	
CSU Pomology field days with visits in commercial showcase orchards	Minas, Vivanco, GRA, Talbott, Ela, Rowley, GRA, Sterle, Stonaker																	
Webinar through Colorado Fruits and Vegetables Association (CFVGA)	Minas, Vivanco																	
Workshop/webinar at WCRC-OM	Minas, Vivanco, Sterle, Stonaker															Ш		
Pre-Survey during the WCHS Annual Conference at Grand Junction, CO in January, 2021	Minas, Sterle, Stonaker															Ш		
Post-Survey during the Annual CSU Pomology Field Day at WCRC-OM in June, 2023	Minas, Sterle, Stonaker															Ш		
Project team quarterly meetings through teleconferencing and in person	Minas, Vivanco, Manter, Talbott, Ela, Rowley, GRA, Sterle, Stonaker															L		
Fact sheet development and publication	Minas, Vivanco, Manter, GRA, Sterle, Stonaker																	
Webpage development and updates	Minas, Vivanco, Sterle, GRA																	
Annual reports	Minas, Vivanco															Ш		Ш
Final Report	Minas, Vivanco															Ш		