### 1aii. Domain Expert Response (Long, Casual, Conversational, Simple, Single Coherent Paragraph)

I'm pleased to share the plan our system developed for the agriculture mission, which aims for maximum success with a minimal cost. The work is split between our human expert, **Worker 2**, and the robot, **r1**. **Worker 2** is assigned all the heavy fieldwork: **Grape Harvesting (t1)** and **Grapevine Identification (t3)**, following a specific route from **l1** through **l4**, **l7**, **l9**, and ending at **l6**. Meanwhile, **Robot r1** handles all the **Observation (t2)** tasks at locations **l5** and **l8** along a quicker, inner route. The system provides a set of optimal plans, called the **Pareto Front**, which represents the perfect balance of **Mission Success Probability** and **Total Cost**. Our top recommendation is the most reliable one (Solution 1), which guarantees a **100% Success Probability** for a **Cost of $38.177**. This high confidence is achieved by strategically allocating extra attempts, or **retries**, to tasks that are more likely to fail; for example, the riskier robot Observation task (t2l8b) is given up to **9 maximum retries**, which is much higher than the reliable human Harvesting task (t1l6b) that only requires **1 retry** as a safety margin