WP 4.2 CONTROL OF FRUIT QUALITY FROM HARVEST TO POINT OF SALE

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OBJECTIVES

The objective is to develop and test a prototype decision support system (DSS) for quality management in apple and peach chains.
1. Development of a prototype of a multi-cultivar DSS for the quality indices firmness, (ground) colour, sugar and acidity for apple and firmness, sugars, acidity and juiciness for peach.
2. Development of a prototype of portable, non-destructive multi-sensor device for the rapid assessment of fruit quality indices.
3. Set up of DSS databases containing data and guidelines for decision making in fruit quality management.
4. Validation of the concept DSS in present day and simulated apple and peach chain.

TASKS

Task 4.2.1 Prototype of a multi-cultivar DSS
Task 4.2.2. Portable and non-destructive equipment for fruit quality assessment
Task 4.2.3.Additional DSS databases for decision making in fruit quality management.
Task 4.2.4. Testing and validation of the concept DSS