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Physical process **Product Quality** Quality Control Logistics Control Supply (il) Controlled Quality Availability hh. prediction predictio Measuremen ___ _ Supply Chain Harvest / transport 1111 11 Decision or Quality Decision . 5% Coordination Action on Q Action on A Availability Live (interest of the second secon Quality 11. Availability prediction predictio Processing / storage 111 Decision or E Decision on Quality Availability Lund Quality (I) Availability 11. prediction predictio Transport / storage 1111 =** Decision or Decision on **1** Quality Availability ---ы Vorst (201 Market G









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A conceptual framework for data-driven logistics in Fruits and Vegetables supply chains

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Question & Answer Question Answer If the quality of the Modify the conditions of the storage or transportation to prevent further quality decay strawberry in a truck is detected to be (slightly) Change the best-before or expiring date accordingly worse by the sensors, could you name the Change the shipment destinations if possible (e.g. shipping to the logistical changes that local DC instead of the central DC) should be done? Mark this batch of strawberries as the high-priority products to be issued as soon as possible Propose appropriate discounts to accelerate the sales of the products If the quality is not acceptable by the original market anymore, then redirect the strawberries to the closest market or outlet which has lower quality demand. WAGENINGEN 26 26

