



## United States Department of Agriculture

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Agricultural Marketing Service, Specialty Crops Program, Specialty Crops Inspection Division

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### **PATCH #014**

**DOCUMENT:** Fresh Electronic Inspection Reporting/Resource System (FEIRS) electronic programs revision

**REMARKS:** Properly Reporting Badly Misshapen Fruit for Section 8e on Kiwifruit in FEIRS

### **Badly Misshapen for Section 8e Inspections**

FEIRS is incorrectly calculating and reporting the shape requirements for Section 8e (imported) kiwifruit. Imported kiwifruit must meet the grade requirements of U.S. No. 1, except for shape. Minimum shape requirements for imported fruit is “not badly misshapen.” The tolerances for the lot allow 8% total defects, therefore you can have 8% badly misshapen for imported kiwifruit (provided there are no other defects). An additional tolerance of 16 percent is provided for kiwifruit that is “badly misshapen.” Since the import regulation allows for an additional tolerance of 16 percent for badly misshapen fruit in addition to the 8 percent already allowed in the U.S. Grade Standard, a lot could have up to 24 percent badly misshapen fruit and still meet Section 8e import requirements. The lot would still fail to grade U.S. No. 1 Account Quality, but Section 8e import requirements would be met. This scenario would only occur if the only defect scored was “Not Fairly Well Formed” fruit and not more than 24 percent were considered badly misshapen (i.e. scored as seriously damaged Not Fairly Well Formed).

When entering sample information, the inspector will need to select the defect “NOT FAIRLY WELL FORMED” from the drop down whenever reporting fruit defective by shape and report fruit that is badly misshapen in this defect’s Serious Damage column. As this badly misshapen tolerance is currently incorrectly set at a SPI Limit of 7 percent in FEIRS and is incorrectly based on the percentage of damage by “NOT FAIRLY WELL FORMED” (7% in the example below) it should be set at 24 percent for a SPI Limit and be based on the percentage of serious damage by “NOT FAIRLY WELL FORMED” (aka Badly Misshapen).

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Defect Description	Damage	%	Serious Damage	%
DEF: DECAY (C)	0.0	0.0	0.0	0.0
MIS: NOT FAIRLY WELL FORMED (Q)	7.0	7.0	3.0	3.0

KIWIFRUIT			
Tolerance Description	Value	SPI Limit	
A. Total Defects	7	8	
1. Quality Defects (included in A)	7	8	
Badly Misshapen	7	7	
2. Condition Defects (included in A)	0	8	
3. Serious Damage (included in A)	3	4	
a. Serious Damage by Quality Defects (included in 1 and 3)	3	4	
b. Internal Breakdown, Decay (included in 3)	0.0	1	
TOTAL QUALITY DEFECTS	7		
<b>NO CONDITION DEFECTS</b>	0		



Until this tolerance and calculation is corrected in FEIRS, inspectors performing inspections on FEIRS under Section 8e import requirements are instructed to look directly at the Lot total for Serious Damage “NOT FAIRLY WELL FORMED” (10% in the example below) and compare this directly with the 24 percent tolerance for badly misshapen from the Section 8e import regulations. In the example below this lot would still fail to grade U.S. No 1 Account Quality (due to 15% total damage defects exceeding the 8% SPI Limit) but will meet Section 8e import requirements as the only defect is “NOT FAIRLY WELL FORMED” and only 10 percent is serious damage (aka Badly Misshapen) which is within the 24 percent tolerance for Badly Misshapen allowed under the Section 8e import regulations.

Also in this scenario inspectors should keep in mind that FEIRS will automatically generate the Section 8e statement as “FAILS IMPORT REQUIREMENTS...” and will need to manually adjust this statement to “MEETS IMPORT REQUIREMENTS...” under the Lot Summary tab. Due to these requirements these additional steps will need to be taken while using FEIRS to ensure calculations and reporting are correct.

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Lot Information	Scoresheet	Attachments	Lot Summary	Data Grid				
Grade to Apply	N1  U.S. NO. 1	<input checked="" type="checkbox"/> Shipping Point						
Final Grade	<input type="radio"/> Meets <input checked="" type="radio"/> Fails	Account						
Samples	Defects	Tolerances						
<b>KIWIFRUIT</b>								
#	DEK: DECAY (C)				MIS: NOT FAIRLY WELL F...			
Sample No	Damage	%	Serious Damage	%	Damage	%	Serious Damage	%
1	0.0	0.0	0.0	0.0	15.0	15.0	10.0	10.0

<b>KIWIFRUIT</b>		
Tolerance Description	Value	SPI Limit
A. Total Defects	15	8
1. Quality Defects (included in A)	15	8
Badly Misshapen	15	7
2. Condition Defects (included in A)	0	8
3. Serious Damage (included in A)	10	4
a. Serious Damage by Quality Defects (included in 1 and 3)	10	4
b. Internal Breakdown, Decay (included in 3)	0.0	1
TOTAL QUALITY DEFECTS	15	
<b>NO CONDITION DEFECTS</b>	0	

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