

**Exhibit Name:** WFRP Diversity Factor (DF) Example (Plan Code 76, Commodity Code 0076)

**Exhibit Number:** P19-2

**Reinsurance Year:** 2025

**Record Name:** WFRP Farm Reports

**Version:** Approved

**Record Code:** P19

**Release Date:** 6/27/2024

**Example of determining Diversity Factor (DF) based on P14-7 Example 2 and P19-1 calculations.**

Minimum Qualifying Amount (MQA) = \$10,043

	Expected Revenue Amount		Percent of Revenue*	Commodity Deviation**
Commodity 1	\$100,000	Eligible	0.667	0.417
Commodity 2	\$9,950			
Commodity 3	\$9,000			
Commodity 4	\$21,000	Eligible	0.140	0.110
Commodity 5	\$9,950			
		Commodity Deviation for grouped commodities		<u>0.366</u>
		Summed Commodity Deviation		0.893

Qualifying Commodity Count equals 4 based on "Eligible Commodity Count (2) + Grouped Commodity Count (2)".

Commodity Factor equals 0.250 based on "1.00 / 4 (Qualifying Commodity Count)".

Percent of Revenue(\*) for each eligible commodity (not grouped) equals "Expected Revenue Amount / Total Expected Revenue Amount".

Commodity Deviation(\*\*) for each eligible commodity (not grouped) equals "Round( $ABS((Expected\ Revenue\ Amount / Total\ Expected\ Revenue\ Amount) - Commodity\ Factor), 3$ )".

Commodity Deviation for grouped commodities equals " $(Round(ABS((MQA / Total\ Expected\ Revenue\ Amount) - Commodity\ Factor), 3) * Grouped\ Commodity\ Count)$ ".

Sum of Commodity Deviations equals "Eligible Commodity Deviations + Grouped Commodity Deviations".

4 Commodities                      Diversity Factor (DF) 0.670                      =  $.474 + .0248208 * (0.893) + .218472 * (0.893)^2$