# PRODUCT QUALITY ADJUSTMENT
## Combining Species into Appraisal Groups
## Determining Weighted Average Delivered Log Price for the Sale
**Use with Appraisal Update #6-14**

Sale Name: **Deer Thin** Date: **27-Jun-14**

**Combining Species into Appraisal Groups (for entry into the TEA input screen)**

| | *Type a "1" into desired cells to combine species into an appraisal group* | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Geographic Area** | **Species Group #1** | **Species Group #2** | **Species Group #3** | **Species Group #4** | **Species Group #5** | **Species Group #6** | **Combined Prod Qual Adj** | **Combined Del Log Price** |
| Ore West | 1 | 1 | | | | | -6.65 | 302.52 |
| Ore East | | | | | | | | |
| Wash West | | | | | | | | |
| Wash East | | | | | | | | |

**Determining Weighted Average Delivered Log Price for the Sale (for use in analyzing advertised rates)**

| | *Type a "1" into all cells with volume* | | | | | | |
|---|---|---|---|---|---|---|---|
| **Geographic Area** | **Species Group #1** | **Species Group #2** | **Species Group #3** | **Species Group #4** | **Species Group #5** | **Species Group #6** | **Wt Avg Delivered Log Price for the Sale** |
| Ore West | 1 | 1 | | | | | 302.52 |
| Ore East | | | | | | | |
| Wash West | | | | | | | |
| Wash East | | | | | | | |

Enter the Combined Product Quality Adjustment on the TEA input screen under PQA/CCF for the main species in the appraisal group. Enter the Del Log Price under Log Pr/CCF on the TEA input screen for the main species in the appraisal group. Use the weighted average delivered log price for the sales to analyze advertised rates, per R6 FSH 2409.22 Appraisal Handbook. **Refer to the PQA User Guide for more information on the calculation and use of delivered log prices.**

***** Click the "Erase" button above to delete all species combination data *****
***** Press the "Delete" key in appropriate cell to erase individual cell input *****

**Appraisal Reminder - When combining species, a weighted average Base Period Price needs to be calculated. Use the table below to calculate a weighted average BPP for the appraisal group.**

**The Erase Data button erases Forest number, Salvage, and Species Code and Species Volume (CCF) in the table.**

Forest number = **18**
Salvage?? = **1** (1=no, 2=yes)
Appraisal zone = 5

**Appraisal Update #6-14**

**teacost.dat file (TEA 05-14)**

The Appraisal Update # and teacost.dat file date **MUST BE THE SAME** in calculating a weighted average BPP!

**Species BPP Weighting Table**

| Species Code | Species Vol (CCF) | BPP from TEACOST.DAT |
|---|---|---|
| 205 | 3,114.00 | 75.02 |
| 263 | 4,000.00 | 67.87 |
| | | |
| | | |
| | | |
| | | |
| Total or Avg | 7,114.00 | 71.00 |

**MBF Volume Table**

| Species Code | Species Vol (MBF) |
|---|---|
| 205 | 1,556.00 |
| 263 | 2,019.00 |
| | |
| | |
| | |
| | |
| Total | 3,575.00 |

Enter MBF volume from Species Group Tables for entry of Total into TEA Main Screen.

## PRODUCT QUALITY ADJUSTMENT - OREGON WESTSIDE

**Use with Appraisal Update #6-14**

Sale Name: **Deer Thin** Date: **27-Jun-14** (mm/dd/yy)

| Species Group #1 | Minimum Dia - dib | Representative Grade* | Log price $/mbf avg** | Volume MBF | Volume CCF | Log price $/ccf avg | Adjustment Dollars |
|---|---|---|---|---|---|---|---|
| 205 | 5.0" - 7.99" | #4 sawmill | 598.00 | 331 | 730 | 271.15 | -62.61 |
| | 8.0"-11.99" | #3 sawmill | 671.00 | 862 | 1,733 | 333.76 | 0.00 |
| | 12.0"-17.99" | #2 sawmill | 674.00 | 363 | 651 | 375.82 | 42.07 |
| | 18.0" - 30.0" | special mill | 720.00 | 0 | 0 | | |

**Chip Values, $/ccf**

| $/ton Avg | Avg lb per cf | Volume CCF |
|---|---|---|
| 25.00 | | |
| | | |
| | | |

***BPP for chips =*** **0.00** **/ccf**

*(insert as override on TEA input screen under BPP/CCF for products 08 and 20)*

***Weighted average Product Quality Adjustment (PQA) for Species Group #1 =*** **-5.88** **/ccf**

***Weighted average delivered log price for Species Group #1 =*** **327.87** **/ccf** (enter on TEA input screen as Log Pr/CCF)

| Species Group #2 | Minimum Dia - dib | Representative Grade* | Log price $/mbf avg** | Volume MBF | Volume CCF | Log price $/ccf avg | Adjustment Dollars |
|---|---|---|---|---|---|---|---|
| 263,264,108 | 5.0" - 7.99" | #4 sawmill | 505.00 | 548 | 1,178 | 234.92 | -55.11 |
| true firs | 8.0"-11.99" | #3 sawmill | 574.00 | 1,100 | 2,177 | 290.03 | 0.00 |
| spruces | 12.0"-17.99" | #2 sawmill | 601.00 | 371 | 645 | 345.69 | 55.66 |
| | 18.0" - 24.0" | special mill | 601.00 | 0 | 0 | | |

***Weighted average Product Quality Adjustment (PQA) for Species Group #2 =*** **-7.25** **/ccf**

***Weighted average delivered log price for Species Group #2 =*** **282.78** **/ccf** (enter on TEA input screen as Log Pr/CCF)

| Species Group #3 | Minimum Dia - dib | Representative Grade* | Log price $/mbf avg** | Volume MBF | Volume CCF | Log price $/ccf avg | Adjustment Dollars |
|---|---|---|---|---|---|---|---|
| 242 | < 12.0" | #4 sawmill | camprun | | | | |
| | 12.0"-23.99" | #3 sawmill | 906.00 | | | 471.12 | 0.00 |
| | 24.0"+ | #2 sawmill | 0.00 | | | | |

***Weighted average Product Quality Adjustment (PQA) for Species Group #3 =*** **0.00** **/ccf**

***Weighted average delivered log price for Species Group #3 =*** **0.00** **/ccf** (enter on TEA input screen as Log Pr/CCF)

| Species Group #4 | Minimum Dia - dib | | Log price $/mbf avg | Volume MBF | Volume CCF | Log price $/ccf avg | Adjustment Dollars |
|---|---|---|---|---|---|---|---|
| | | If this table is used, → entry needed here | | | | | |
| | | | | | | 0.00 | |
| | | | | | | | |
| | | | | | | | |

***Weighted average Product Quality Adjustment (PQA) for Species Group #4 =*** **0.00** **/ccf**

***Weighted average delivered log price for Species Group #4 =*** **0.00** **/ccf** (enter on TEA input screen as Log Pr/CCF)

| Species Group #5 | Minimum Dia - dib | | Log price $/mbf avg | Volume MBF | Volume CCF | Log price $/ccf avg | Adjustment Dollars |
|---|---|---|---|---|---|---|---|
| | | If this table is used, → entry needed here | | | | | |
| | | | | | | 0.00 | |
| | | | | | | | |
| | | | | | | | |

***Weighted average Product Quality Adjustment (PQA) for Species Group #5 =*** **0.00** **/ccf**

***Weighted average delivered log price for Species Group #5 =*** **0.00** **/ccf** (enter on TEA input screen as Log Pr/CCF)

| Species Group #6 | Minimum Dia - dib | | Log price $/mbf avg | Volume MBF | Volume CCF | Log price $/ccf avg | Adjustment Dollars |
|---|---|---|---|---|---|---|---|
| | | If this table is used, → entry needed here | | | | | |
| | | | | | | 0.00 | |
| | | | | | | | |
| | | | | | | | |

***Weighted average Product Quality Adjustment (PQA) for Species Group #6 =*** **0.00** **/ccf**

***Weighted average delivered log price for Species Group #6 =*** **0.00** **/ccf** (enter on TEA input screen as Log Pr/CCF)

* Industry grade used to associate minimum dib and delivered log price. Volume comprises mostly the representative grade, but also may include material of other grades.