

Table 3.4. Regression equations for each moisture profile measured by the two techniques with 6 slice thicknesses on each of the five testing days.

Razor blade slicing technique

| drying days | 2mm thickness series | 2.5mm thickness series | 3mm thickness series |
|--------------------|---|---|--|
| green | $y=0.0015x^3-0.0962x^2+1.7506x+75.818$ R²=0.3533 | $y=0.0016x^3-0.1029x^2+1.8307x+74.284$ R²=0.7407 | $y=0.0013x^3-0.0077x^2+1.28x+76.888$ R²=0.5986 |
| 2 days | $y=0.0037x^3-0.2679x^2+5.3483x+44.584$ R²=0.7829 | $y=0.0028x^3-0.226x^2+5.0926x+41.463$ R²=0.8587 | $y=0.0003x^3-0.2344x^2+5.0765x+41.57$ R²=0.916 |
| 4 days | $y=-0.0005x^3-0.073x^2+3.653x+32.675$ R²=0.8784 | $y=0.0005x^3-0.1381x^2+4.735x+30.559$ R²=0.9426 | $y=0.0011x^3-0.1806x^2+5.5003x+26.838$ R²=0.9415 |
| 6 days | $y=0.0011x^3-0.1427x^2+4.6431x+21.133$ R²=0.9449 | $y=0.0011x^3-0.1433x^2+4.5406x+21.394$ R²=0.9272 | $y=0.0017x^3-0.184x^2+5.5179x+18.857$ R²=0.9287 |
| 8 days | $y=0.0001x^3-0.1187x^2+4.7285x+17.533$ R²=0.8952 | $y=0.00005x^3-0.0929x^2+3.962x+22.056$ R²=0.9166 | $y=-0.0003x^3-0.0876x^2+4.0661x+20.053$ R²=0.9297 |

Flaking technique

| drying days | 0.6mm thickness series | 0.9mm thickness series | 1.2mm thickness series |
|--------------------|--|--|--|
| green | $y=0.0012x^3-0.0706x^2+1.0798x+83.894$ R²=0.2805 | $y=0.0013x^3-0.091x^2+1.7205x+78.469$ R²=0.4436 | $y=0.002x^3-0.1272x^2+2.2893x+75.191$ R²=0.6229 |
| 2 days | $y=0.0013x^3-0.1916x^2+5.5772x+40.96$ R²=0.8073 | $y=0.0015x^3-0.1843x^2+5.2494x+39.512$ R²=0.7628 | $y=0.0029x^3-0.2483x^2+5.7856x+39.77$ R²=0.8499 |
| 4 days | $y=-0.0009x^3-0.172x^2+5.2919x+30.878$ R²=0.9032 | $y=0.0008x^3-0.1673x^2+5.4932x+26.938$ R²=0.8936 | $y=0.0015x^3-0.2049x^2+5.854x+28.836$ R²=0.9009 |
| 6 days | $y=0.0015x^3-0.1677x^2+5.0847x+21.19$ R²=0.9522 | $y=0.0008x^3-0.136x^2+4.8074x+21.876$ R²=0.9499 | $y=0.0016x^3-0.1826x^2+5.4285x+19.832$ R²=0.9487 |
| 8 days | $y=-0.0005x^3-0.0944x^2+4.5919x+18.926$ R²=0.9454 | $y=-0.0006x^3-0.0904x^2+4.4253x+19.665$ R²=0.9434 | $y=-0.0002x^3-0.1361x^2+5.0982x+18.322$ R²=0.9381 |