**Supplemental material**

Table A1. Threshold values obtained in the vegetation indices for each date and plot (RGB orthomosaics).

**[Table A1]**

Table A2. Threshold values obtained in the vegetation indices for each date and plot (multiespectral orthomosaics)

**[Table A2]**

Table A1. Threshold values obtained in the vegetation indices for each date and plot (RGB orthomosaics)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **RGB Orthomosaics** | | | | | | | | | | | | | | | | | | | |
|  | **17 DAS** | | | | | **25 DAS** | | | | | **52DAS** | | | | | **72 DAS** | | | |
| Plot | EXG | VIG | | CIVE | | EXG | VIG | | CIVE | | EXG | | VIG | CIVE | | EXG | | VIG | CIVE |
| 1 | 0.040 | -0.018 | | 18.779 | | 0.112 | 0.035 | | 18.747 | | 0.222 | | 0.034 | 18.700 | | 0.190 | | 0.037 | 18.714 |
| 2 | 0.039 | -0.019 | | 18.779 | | 0.097 | 0.027 | | 18.754 | | 0.210 | | 0.032 | 18.705 | | 0.183 | | 0.033 | 18.718 |
| 3 | 0.035 | -0.018 | | 18.782 | | 0.108 | 0.029 | | 18.749 | | 0.230 | | 0.036 | 18.696 | | 0.202 | | 0.044 | 18.710 |
| 4 | 0.016 | -0.028 | | 18.789 | | 0.116 | 0.031 | | 18.747 | | 0.230 | | 0.034 | 18.697 | | 0.190 | | 0.037 | 18.715 |
| 5 | 0.042 | 0.006 | | 18.778 | | 0.116 | 0.069 | | 18.745 | | 0.234 | | 0.055 | 18.695 | | 0.202 | | 0.040 | 18.709 |
| 6 | 0.039 | -0.007 | | 18.780 | | 0.124 | 0.055 | | 18.742 | | 0.218 | | 0.036 | 18.701 | | 0.186 | | 0.040 | 18.717 |
| 7 | 0.030 | -0.018 | | 18.784 | | 0.097 | 0.031 | | 18.753 | | 0.234 | | 0.035 | 18.695 | | 0.202 | | 0.041 | 18.709 |
| 8 | 0.027 | -0.018 | | 18.784 | | 0.097 | 0.024 | | 18.754 | | 0.218 | | 0.034 | 18.701 | | 0.198 | | 0.042 | 18.712 |
| 9 | 0.028 | -0.021 | | 18.786 | | 0.116 | 0.034 | | 18.746 | | 0.246 | | 0.037 | 18.690 | | 0.202 | | 0.043 | 18.710 |
| 10 | 0.012 | -0.028 | | 18.792 | | 0.116 | 0.032 | | 18.746 | | 0.234 | | 0.039 | 18.695 | | 0.194 | | 0.040 | 18.713 |
| 11 | 0.043 | 0.008 | | 18.777 | | 0.113 | 0.070 | | 18.745 | | 0.238 | | 0.061 | 18.694 | | 0.194 | | 0.041 | 18.713 |
| 12 | 0.028 | 0.001 | | 18.783 | | 0.104 | 0.056 | | 18.749 | | 0.210 | | 0.045 | 18.705 | | 0.183 | | 0.039 | 18.716 |
|  | | | | | | | | | | | | | | | | | | | |
|  | **85 DAS** | | | | | **93 DAS** | | | | | **100 DAS** | | | | | **1113 DAS** | | | |
| Plot | EXG | | VIG | | CIVE | EXG | | VIG | | CIVE | EXG | VIG | | | CIVE | EXG | VIG | | CIVE |
| 1 | 0.175 | | 0.025 | | 18.719 | 0.135 | | 0.006 | | 18.737 | 0.127 | -0.011 | | | 18.739 | 0.053 | -0.049 | | 18.773 |
| 2 | 0.187 | | 0.020 | | 18.715 | 0.135 | | 0.006 | | 18.737 | 0.123 | -0.010 | | | 18.742 | 0.043 | -0.053 | | 18.776 |
| 3 | 0.183 | | 0.018 | | 18.716 | 0.147 | | 0.018 | | 18.732 | 0.130 | -0.009 | | | 18.739 | 0.069 | -0.048 | | 18.767 |
| 4 | 0.183 | | 0.018 | | 18.716 | 0.135 | | 0.008 | | 18.736 | 0.120 | -0.007 | | | 18.741 | 0.069 | -0.043 | | 18.764 |
| 5 | 0.202 | | 0.027 | | 18.707 | 0.151 | | 0.011 | | 18.732 | 0.131 | -0.013 | | | 18.739 | 0.037 | -0.057 | | 18.779 |
| 6 | 0.179 | | 0.022 | | 18.717 | 0.135 | | 0.010 | | 18.737 | 0.120 | -0.012 | | | 18.743 | 0.045 | -0.053 | | 18.777 |
| 7 | 0.186 | | 0.017 | | 18.714 | 0.143 | | 0.010 | | 18.735 | 0.124 | -0.013 | | | 18.743 | 0.045 | -0.052 | | 18.776 |
| 8 | 0.175 | | 0.022 | | 18.720 | 0.143 | | 0.015 | | 18.734 | 0.113 | -0.008 | | | 18.741 | 0.054 | -0.048 | | 18.772 |
| 9 | 0.198 | | 0.015 | | 18.709 | 0.139 | | 0.018 | | 18.734 | 0.131 | -0.005 | | | 18.739 | 0.057 | -0.048 | | 18.772 |
| 10 | 0.182 | | 0.015 | | 18.716 | 0.135 | | 0.008 | | 18.736 | 0.116 | -0.011 | | | 18.743 | 0.053 | -0.047 | | 18.774 |
| 11 | 0.186 | | 0.019 | | 18.714 | 0.134 | | 0.009 | | 18.737 | 0.114 | -0.011 | | | 18.746 | 0.033 | -0.057 | | 18.782 |
| 12 | 0.186 | | 0.029 | | 18.714 | 0.127 | | 0.003 | | 18.740 | 0.108 | -0.012 | | | 18.748 | 0.025 | -0.057 | | 18.785 |

Table A2. Threshold values obtained in the vegetation indices for each date and plot (multiespectral orthomosaics)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Multispectral Orthomosaics** | | | | | | | | | | | | | | |
|  | **72 DAS** | | | | **85 DAS** | | | | | | **93 DAS** | | | |
| Plot | NDVI | GNDVI | | NG | NDVI | | | GNDVI | | NG | NDVI | GNDVI | NG | |
| 1 | 0.843 | 0.701 | | 0.129 | 0.775 | | | 0.630 | | 0.156 | 0.731 | 0.665 | 0.135 | |
| 2 | 0.840 | 0.708 | | 0.126 | 0.791 | | | 0.661 | | 0.141 | 0.731 | 0.679 | 0.129 | |
| 3 | 0.835 | 0.688 | | 0.133 | 0.776 | | | 0.625 | | 0.159 | 0.744 | 0.655 | 0.140 | |
| 4 | 0.837 | 0.709 | | 0.125 | 0.784 | | | 0.655 | | 0.144 | 0.736 | 0.667 | 0.133 | |
| 5 | 0.832 | 0.699 | | 0.129 | 0.781 | | | 0.646 | | 0.147 | 0.731 | 0.663 | 0.134 | |
| 6 | 0.835 | 0.709 | | 0.125 | 0.782 | | | 0.663 | | 0.140 | 0.745 | 0.681 | 0.128 | |
| 7 | 0.833 | 0.690 | | 0.132 | 0.775 | | | 0.646 | | 0.147 | 0.742 | 0.671 | 0.133 | |
| 8 | 0.832 | 0.698 | | 0.129 | 0.788 | | | 0.661 | | 0.141 | 0.740 | 0.686 | 0.127 | |
| 9 | 0.838 | 0.694 | | 0.131 | 0.782 | | | 0.638 | | 0.151 | 0.745 | 0.667 | 0.136 | |
| 10 | 0.837 | 0.693 | | 0.132 | 0.782 | | | 0.652 | | 0.144 | 0.752 | 0.664 | 0.136 | |
| 11 | 0.821 | 0.677 | | 0.137 | 0.780 | | | 0.643 | | 0.147 | 0.740 | 0.652 | 0.141 | |
| 12 | 0.821 | 0.681 | | 0.137 | 0.776 | | | 0.648 | | 0.147 | 0.734 | 0.672 | 0.134 | |
|  | | | | | | | | | | | | | | |
|  | **100 DAS** | | | | | **113 DAS** | | | | |  | | |
| Plot | NDVI | GNDVI | NG | | | NDVI | GNDVI | | NG | |  | | |
| 1 | 0.629 | 0.591 | 0.153 | | | 0.511 | 0.568 | | 0.152 | |  | | |
| 2 | 0.635 | 0.607 | 0.148 | | | 0.512 | 0.589 | | 0.143 | |  | | |
| 3 | 0.612 | 0.584 | 0.155 | | | 0.529 | 0.577 | | 0.148 | |  | | |
| 4 | 0.634 | 0.602 | 0.149 | | | 0.537 | 0.588 | | 0.147 | |  | | |
| 5 | 0.630 | 0.595 | 0.151 | | | 0.480 | 0.582 | | 0.143 | |  | | |
| 6 | 0.638 | 0.617 | 0.145 | | | 0.522 | 0.599 | | 0.139 | |  | | |
| 7 | 0.625 | 0.606 | 0.147 | | | 0.514 | 0.577 | | 0.147 | |  | | |
| 8 | 0.639 | 0.602 | 0.150 | | | 0.522 | 0.592 | | 0.141 | |  | | |
| 9 | 0.632 | 0.586 | 0.155 | | | 0.524 | 0.590 | | 0.145 | |  | | |
| 10 | 0.635 | 0.602 | 0.149 | | | 0.535 | 0.588 | | 0.146 | |  | | |
| 11 | 0.604 | 0.593 | 0.152 | | | 0.490 | 0.595 | | 0.139 | |  | | |
| 12 | 0.620 | 0.592 | 0.153 | | | 0.514 | 0.600 | | 0.139 | |  | | |