**Table 9.** The experimental values of the performance metrics obtained for the training set of Tamaguri.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Input****combinations** | **Models** | *R*2 | *d* | *Ag* | *RMSE* | *RMSRE* | *Ae* |
|  | DT | 0.559 | 0.842 | 0.701 | 1.043 | 0.219 | 0.631 |
| *C1* | ANNANFIS | 0.5030.524 | 0.8100.824 | 0.6560.674 | 1.1081.084 | 0.2390.227 | 0.6730.655 |
|  | *EvatCrop* | **0.560** | **0.843** | **0.701** | **1.042** | **0.218** | **0.630** |
|  | DT | 0.970 | 0.992 | 0.981 | 0.272 | 0.055 | 0.163 |
| *C2* | ANNANFIS | 0.9570.968 | 0.9890.992 | 0.9730.980 | 0.3270.280 | 0.0710.057 | 0.1990.169 |
|  | *EvatCrop* | **0.972** | **0.993** | **0.982** | **0.265** | **0.053** | **0.159** |
|  | DT | 0.642 | 0.882 | 0.762 | 0.939 | 0.189 | 0.564 |
| *C3* | ANNANFIS | 0.5810.651 | 0.8540.885 | 0.7170.768 | 1.0170.928 | 0.2030.182 | 0.6100.555 |
|  | *EvatCrop* | **0.678** | **0.897** | **0.787** | **0.891** | **0.175** | **0.533** |
|  | DT | 0.604 | 0.864 | 0.734 | 0.988 | 0.201 | 0.595 |
| *C4* | ANNANFIS | 0.5580.619 | 0.8430.871 | 0.7010.745 | 1.0440.970 | 0.2150.197 | 0.6290.583 |
|  | *EvatCrop* | **0.659** | **0.888** | **0.773** | **0.918** | **0.184** | **0.551** |
|  | DT | 0.970 | 0.992 | 0.981 | 0.271 | 0.055 | 0.163 |
| *C5* | ANNANFIS | 0.9510.974 | 0.9870.993 | 0.9690.984 | 0.3470.252 | 0.0750.051 | 0.2110.151 |
|  | *EvatCrop* | **0.976** | **0.994** | **0.985** | **0.244** | **0.049** | **0.146** |
|  | DT | 0.978 | 0.994 | 0.986 | 0.231 | 0.047 | 0.139 |
| *C6* | ANNANFIS | 0.9760.988 | 0.9940.997 | 0.9850.993 | 0.2430.171 | 0.0480.034 | 0.1450.102 |
|  | *EvatCrop* | **0.990** | **0.997** | **0.994** | **0.159** | **0.031** | **0.095** |
|  | DT | 0.676 | 0.896 | 0.786 | 0.894 | 0.181 | 0.537 |
| *C7* | ANNANFIS | 0.6270.741 | 0.8730.921 | 0.7500.831 | 0.9600.800 | 0.1860.152 | 0.5730.476 |
|  | *EvatCrop* | **0.746** | **0.923** | **0.835** | **0.791** | **0.151** | **0.471** |
|  | DT | 0.992 | 0.998 | 0.995 | 0.141 | 0.029 | 0.085 |
| *C8* | ANNANFIS | 0.9560.992 | 0.9880.998 | 0.9720.995 | 0.3310.143 | 0.0750.029 | 0.2030.086 |
|  | *EvatCrop* | **0.992** | **0.998** | **0.995** | **0.139** | **0.027** | **0.083** |

\**RMSE* measured in mm/day.