**Table 10.** The experimental values of the performance metrics obtained for the testing set of Tamaguri.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Input****combinations** | **Models** | *R*2 | *d* | *Ag* | *RMSE* | *RMSRE* | *Ae* |
|  | DT | 0.480 | 0.802 | 0.641 | 1.099 | 0.220 | 0.659 |
| *C*1 | ANNANFIS | 0.5010.499 | 0.8030.805 | 0.6520.652 | 1.0771.079 | 0.2140.216 | 0.6460.648 |
|  | *EvatCrop* | **0.510** | **0.811** | **0.661** | **1.067** | **0.216** | **0.641** |
|  | DT | 0.939 | 0.984 | 0.961 | 0.377 | 0.073 | 0.225 |
| *C*2 | ANNANFIS | 0.9530.959 | 0.9880.989 | 0.9700.974 | 0.3310.307 | 0.0680.060 | 0.1990.183 |
|  | *EvatCrop* | **0.963** | **0.990** | **0.976** | **0.295** | **0.057** | **0.176** |
|  | DT | 0.495 | 0.818 | 0.657 | 1.083 | 0.209 | 0.646 |
| *C*3 | ANNANFIS | 0.5410.541 | 0.8260.835 | 0.6840.688 | 1.0331.033 | 0.1970.199 | 0.6150.616 |
|  | *EvatCrop* | **0.556** | **0.837** | **0.696** | **1.016** | **0.195** | **0.606** |
|  | DT | 0.531 | 0.833 | 0.682 | 1.044 | 0.208 | 0.626 |
| *C*4 | ANNANFIS | 0.5400.547 | 0.8320.842 | 0.6860.695 | 1.0341.026 | 0.2030.205 | 0.6190.615 |
|  | *EvatCrop* | **0.569** | **0.847** | **0.708** | **1.000** | **0.201** | **0.601** |
|  | DT | 0.935 | 0.983 | 0.959 | 0.388 | 0.075 | 0.231 |
| *C*5 | ANNANFIS | 0.9480.953 | 0.9870.988 | 0.9670.971 | 0.3490.330 | 0.0680.068 | 0.2080.199 |
|  | *EvatCrop* | **0.965** | **0.991** | **0.978** | **0.284** | **0.055** | **0.170** |
|  | DT | 0.955 | 0.989 | 0.972 | 0.322 | 0.062 | 0.192 |
| *C*6 | ANNANFIS | 0.9750.972 | 0.9940.993 | 0.9840.982 | 0.2400.257 | 0.0470.055 | 0.1430.156 |
|  | *EvatCrop* | **0.985** | **0.996** | **0.990** | **0.190** | **0.037** | **0.113** |
|  | DT | 0.549 | 0.845 | 0.697 | 1.024 | 0.201 | 0.613 |
| *C*7 | ANNANFIS | 0.5860.305 | 0.8520.792 | 0.7190.548 | 0.9811.271 | 0.1820.275 | 0.5820.773 |
|  | *EvatCrop* | **0.620** | **0.871** | **0.745** | **0.940** | **0.175** | **0.558** |
|  | DT | 0.956 | 0.988 | 0.973 | 0.318 | 0.061 | 0.190 |
| *C*8 | ANNANFIS | 0.9540.916 | 0.9880.979 | 0.9710.948 | 0.3280.441 | 0.0710.111 | 0.2000.276 |
|  | *EvatCrop* | **0.986** | **0.996** | **0.991** | **0.183** | **0.036** | **0.110** |

\**RMSE* measured in mm/day.