

| Parameter | Units | Meaning | Minimum | Maximum |
|-------------------|-------------------|---|---------|---------|
| S_r | mm | Size of the plant-available soil moisture reservoir | 30 | 500 |
| β | – | Shape coefficient of the soil moisture recharge function | 1 | 6 |
| $r_{s,\min}$ | s m^{-1} | Minimum stomatal resistance | 120 | 1000 |
| k_{soil} | days | e-folding time of the soil evaporation reduction function | 5 | 30 |
| j_{vpd} | – | Exponent of the VPD-induced reduction of stomatal conductance | –0.18 | –0.05 |
| l_{vpd} | hPa | Threshold for stomatal response to VPD | 0 | 20 |
| k_{int} | mm | Link between interception storage and LAI | 1.5 | 4.5 |