



Version 0.0.0.0, built 2019-04-03

1 Datasets

Simulations numbered as per

Table 2. "Datasets used for model development" (Page 260)

in:

Modelling sugarcane production systems I. Development and performance of the sugarcane module.

Field Crops Research, 61: 253-271. (1999).

Keating, B.A., Robertson, M.J., Muchow, R.C. and Huth, N.I.

nb.

Datasets 4 and 17 were not included in simulations as they were not in original files

Dataset 18 was not included as irrigation records were missing.

nb.

I had to increase the harvest dates in every simulation by one day.

This is because the model does management at the start of everyday (ie. the crop is harvested at the start of every day)

But the "daily" reporting is the very last thing that happens each day.

Therefore if we set our harvest date to be the same as that in the observed data, then our predicted data at harvest will all be zeroed (because after the model harvests it zeros the values).

This is not a problem when we only report at "harvesting" instead of "daily" because the reporting occurs before the values are zeroed.

However we have to report daily because we have observation data during the crop growth not just at harvesting.

1 Validation



