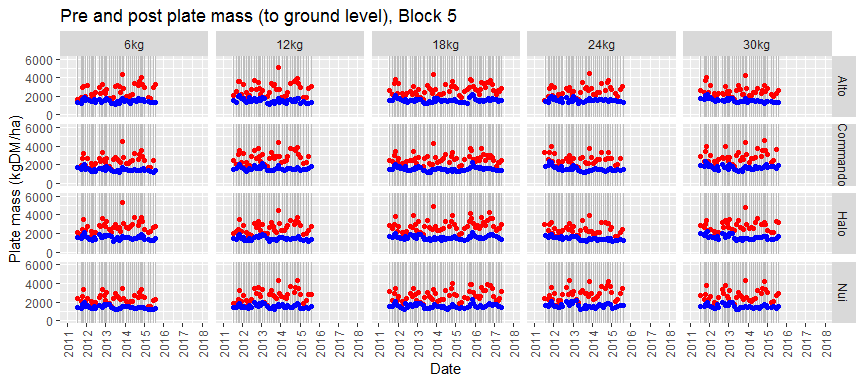
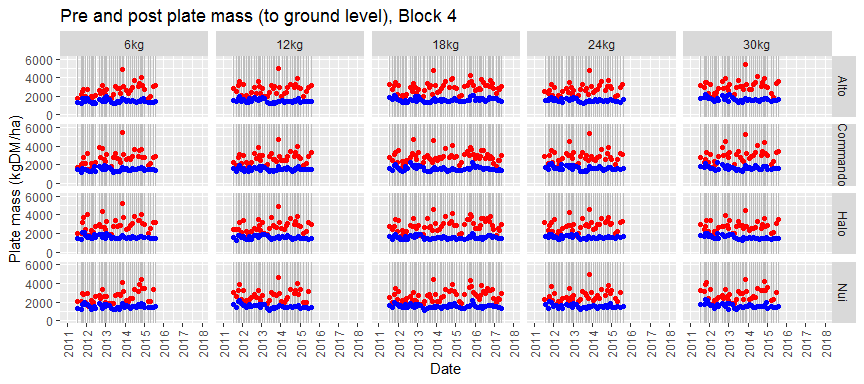
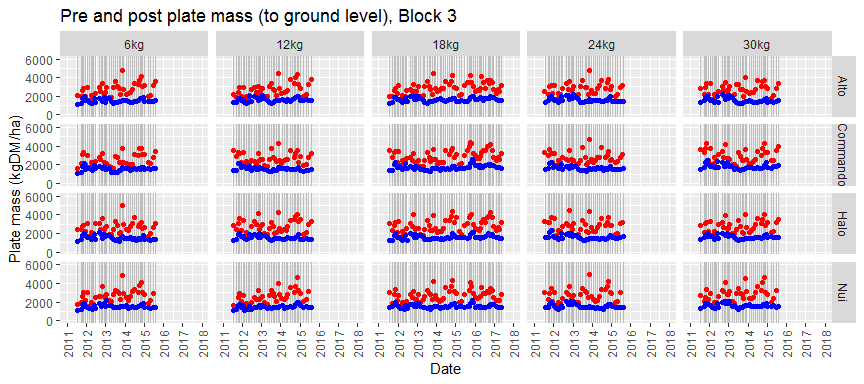
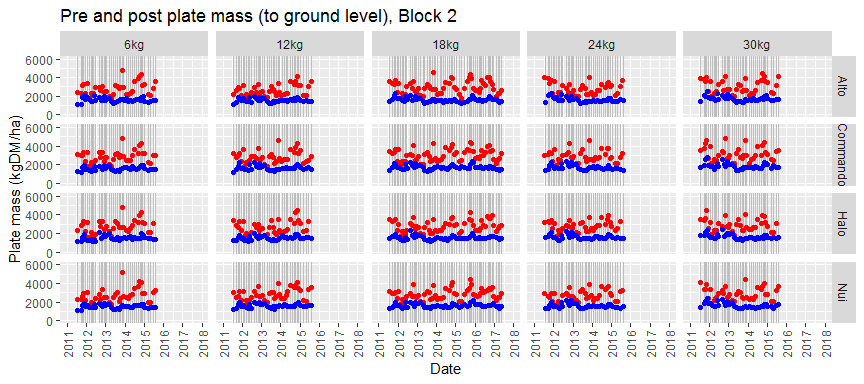
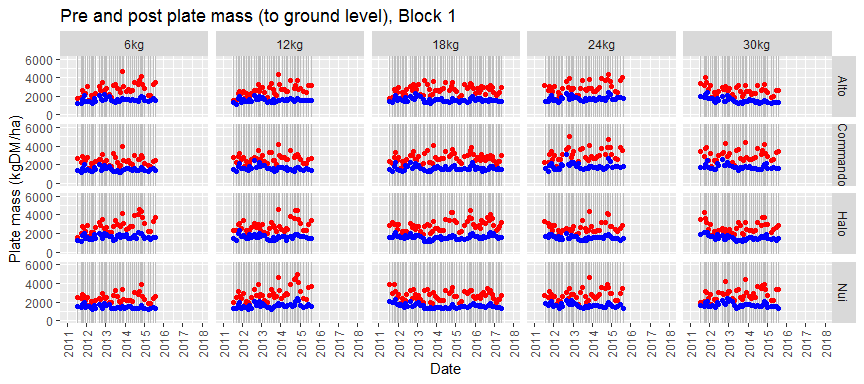
Northland Data

Simon Woodward, DairyNZ 2018

## Rising Plate Meter

Average pre-graze mass = 2765

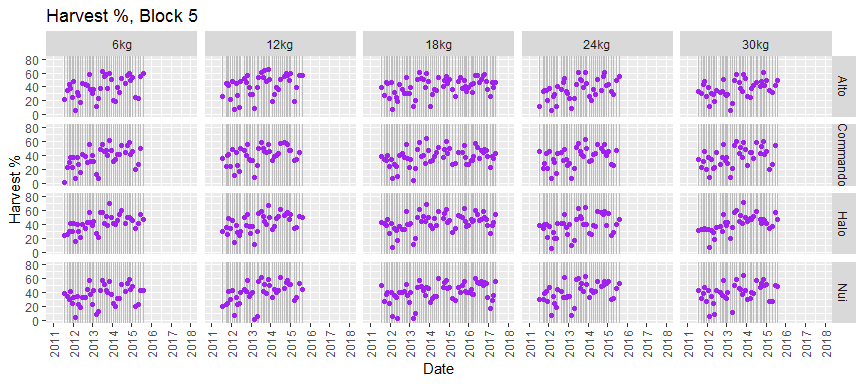
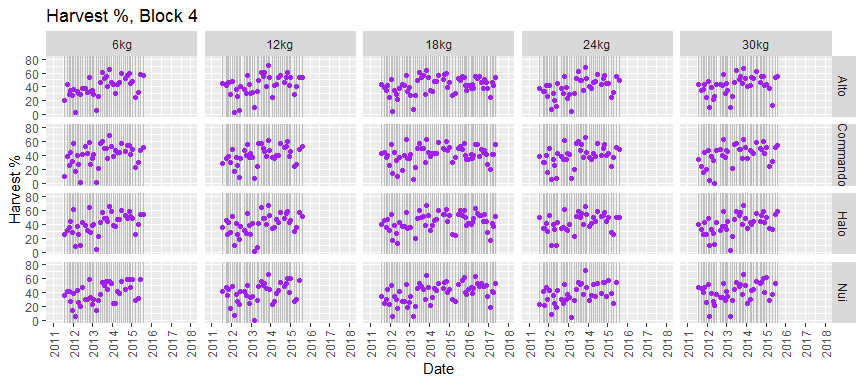
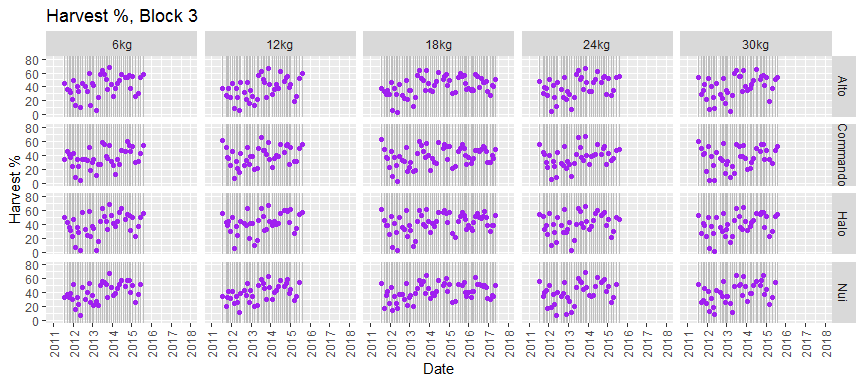
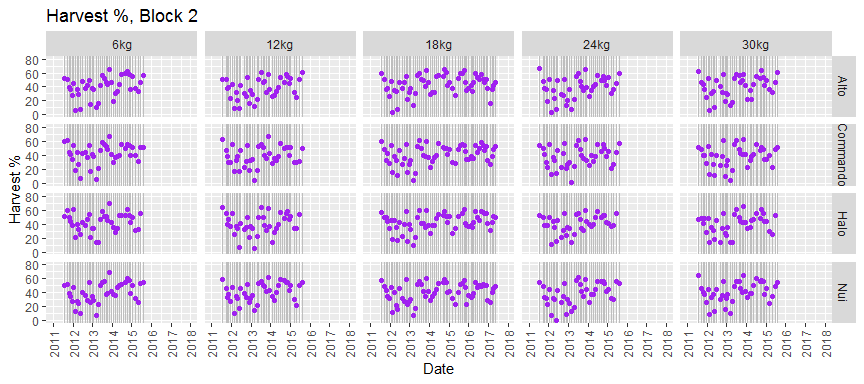
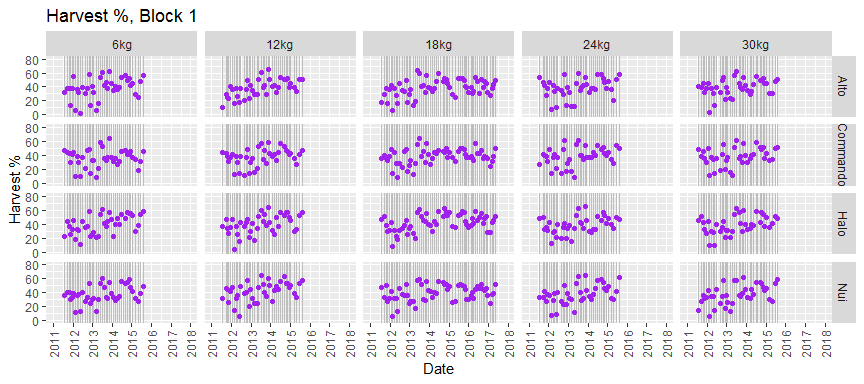
Average post-graze mass = 1592



## Rising Plate Meter Harvest %

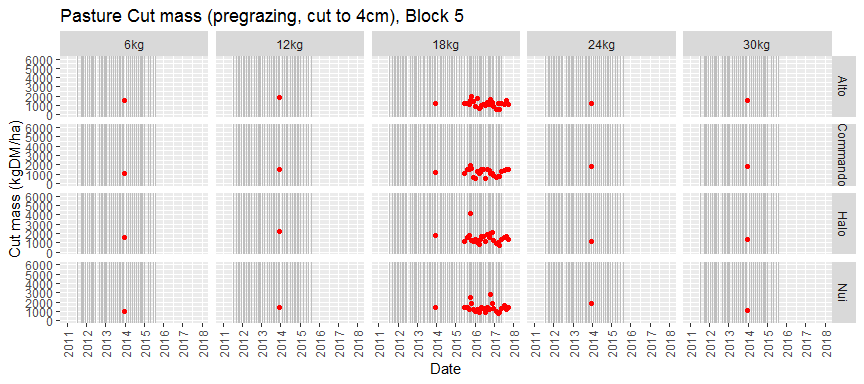
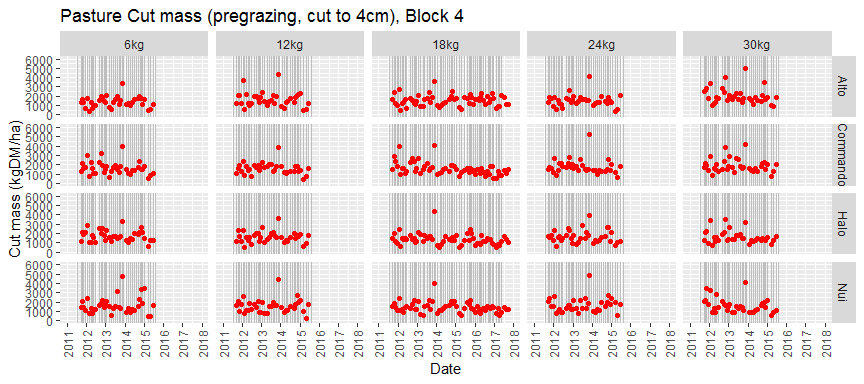
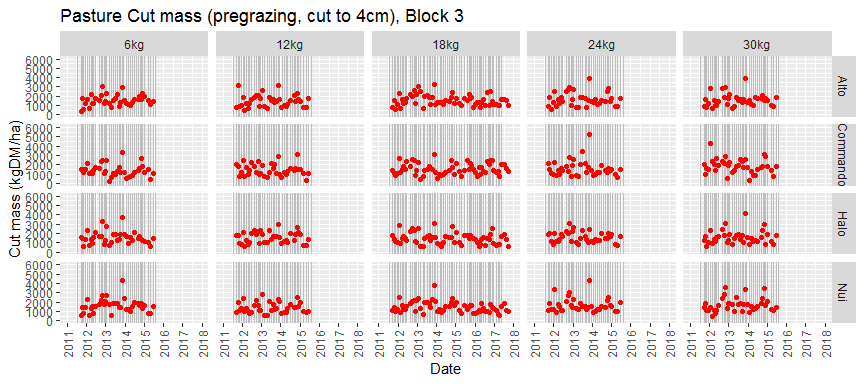
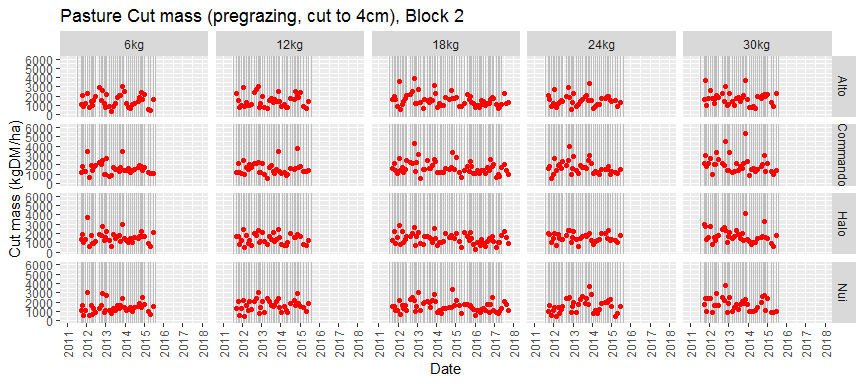
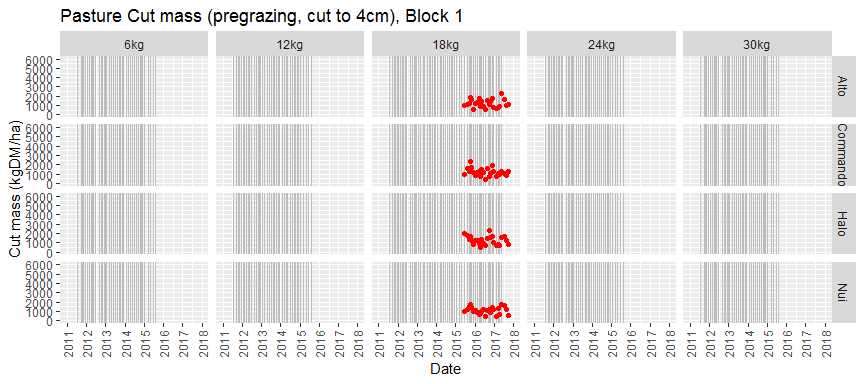
Assume no pasture growth between pre and post RPM

Average harvest % = 40



## Pasture Cut Mass

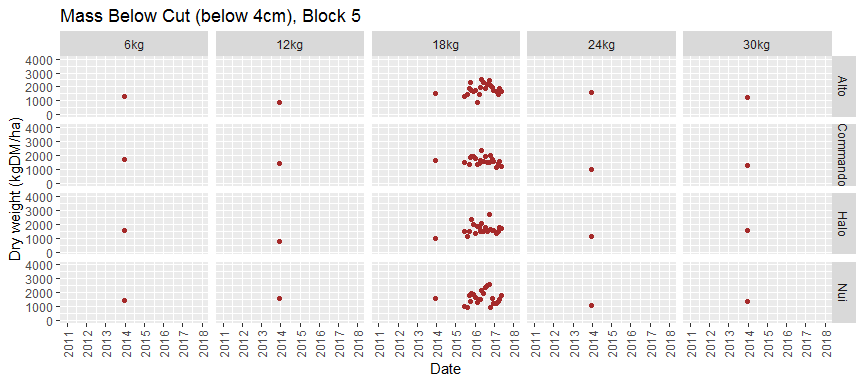
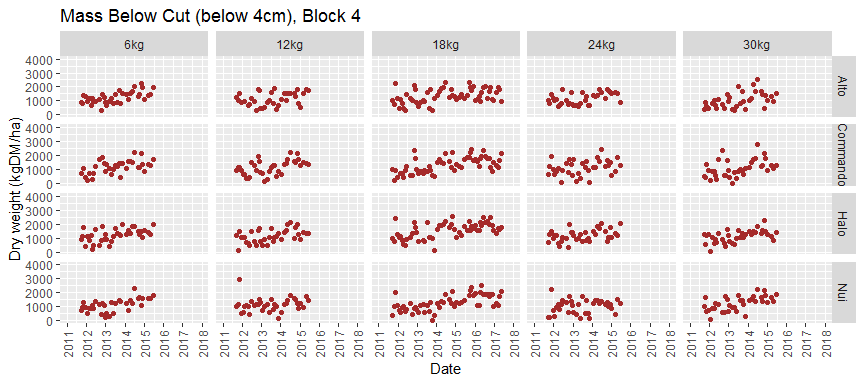
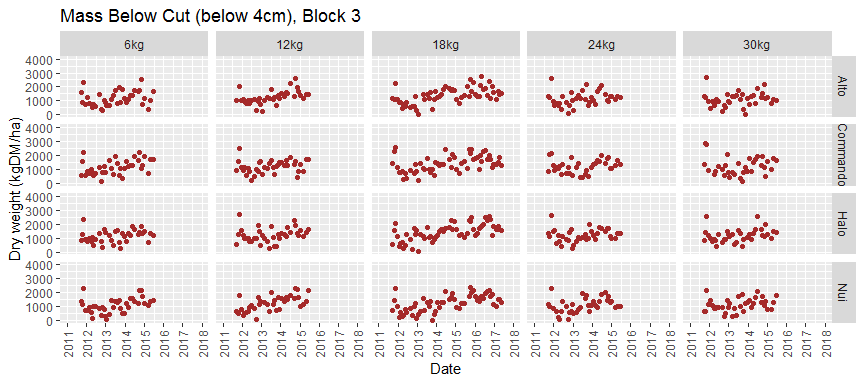
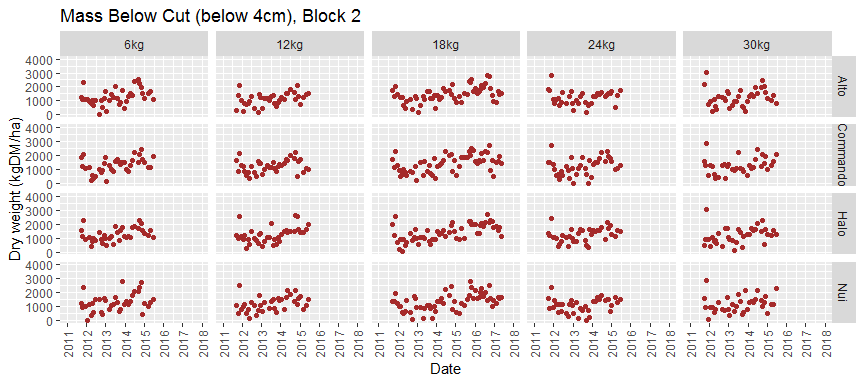
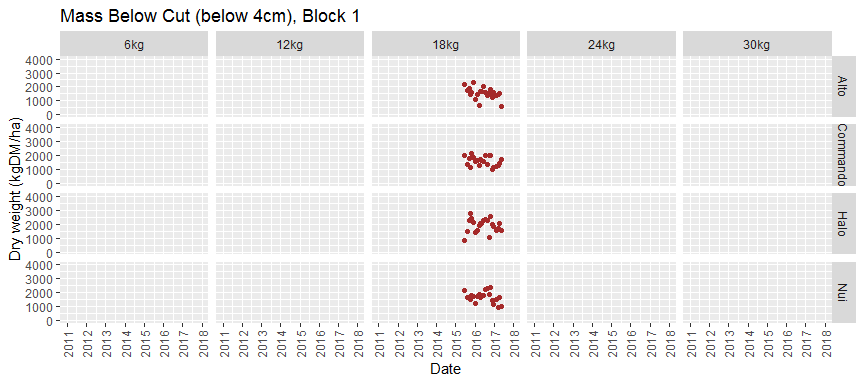
Average cut mass = 1556



## Estimate Mass Below Cutting Height

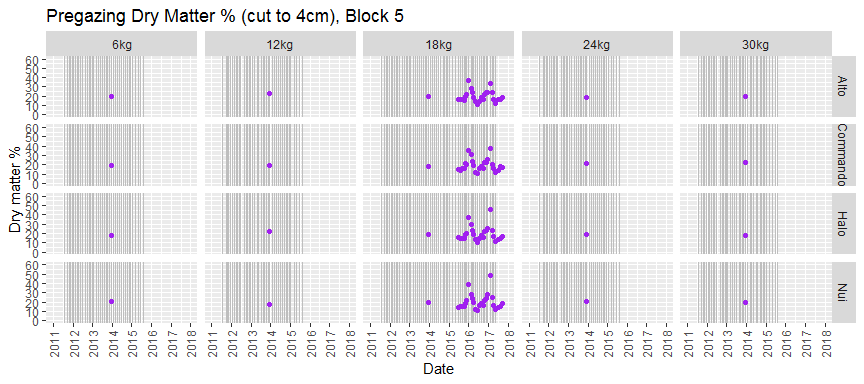
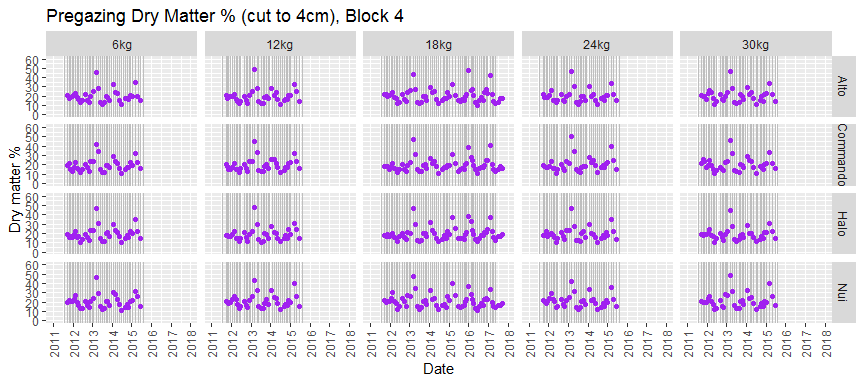
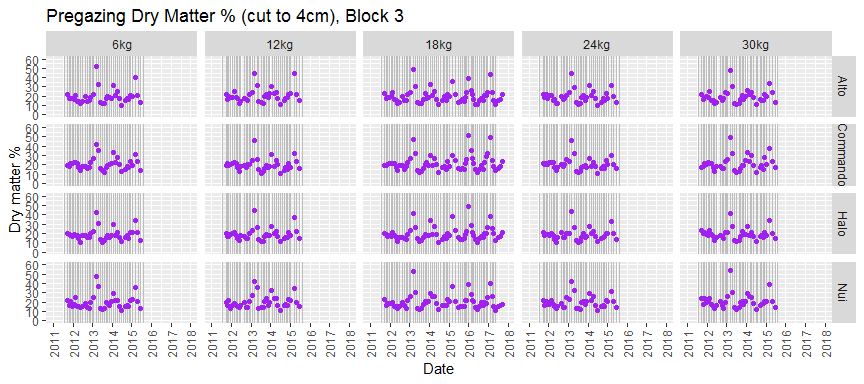
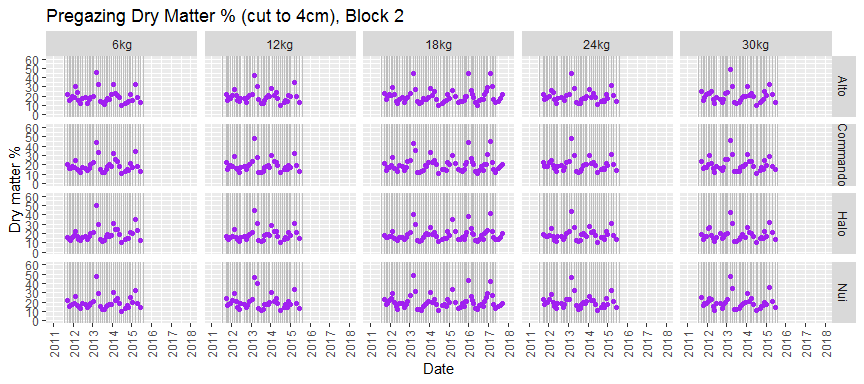
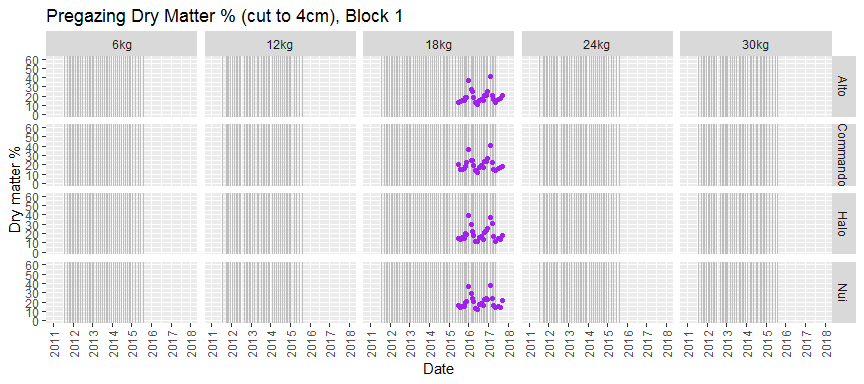
Total mass at cutting assumed to be equal to pregraze RPM

Average mass below cutting estimate = 1238



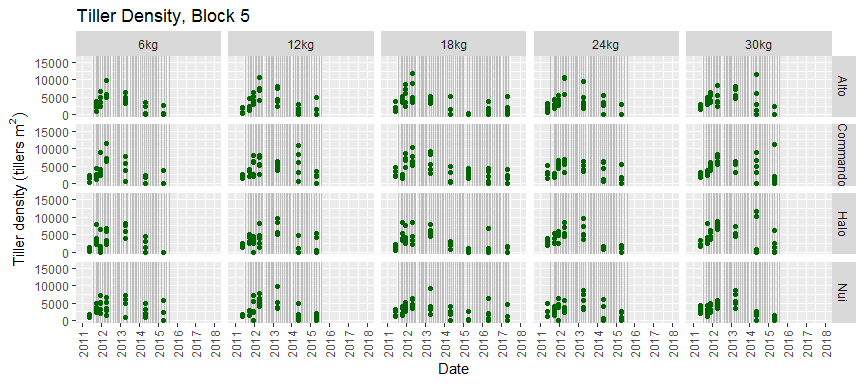
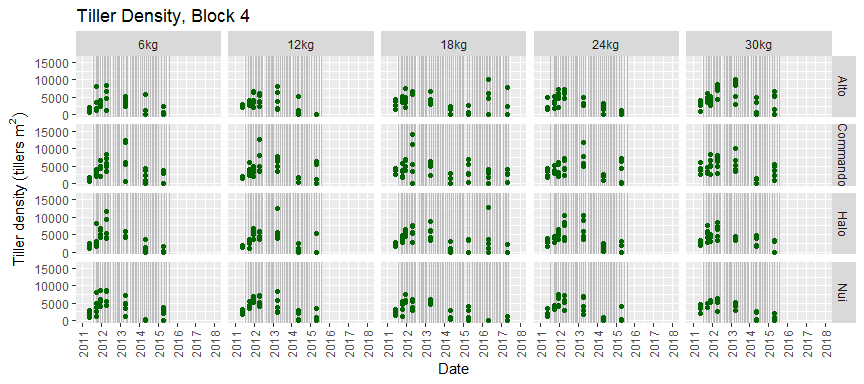
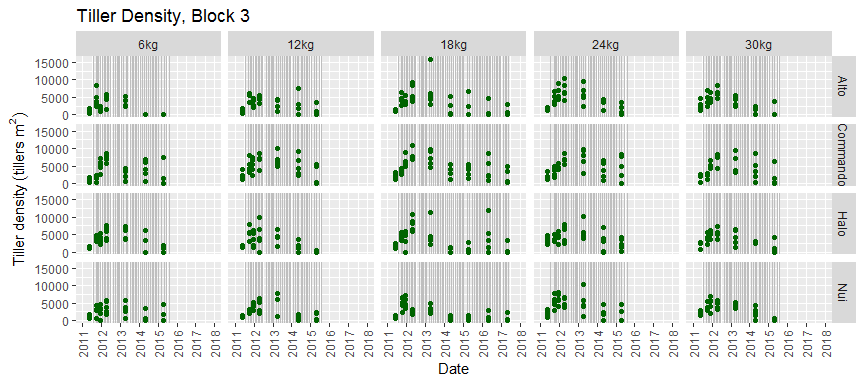
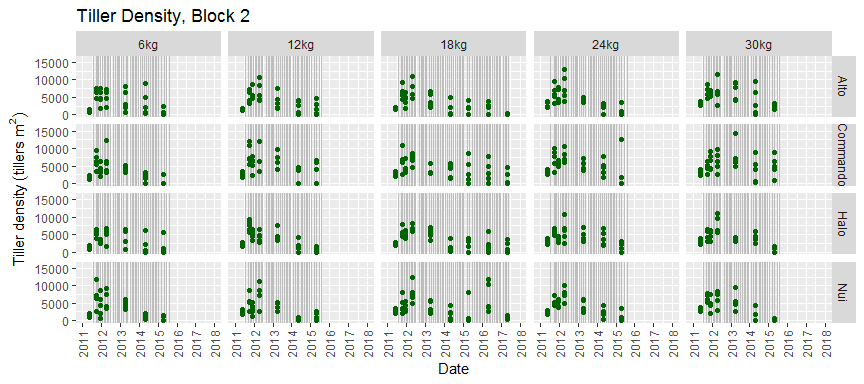
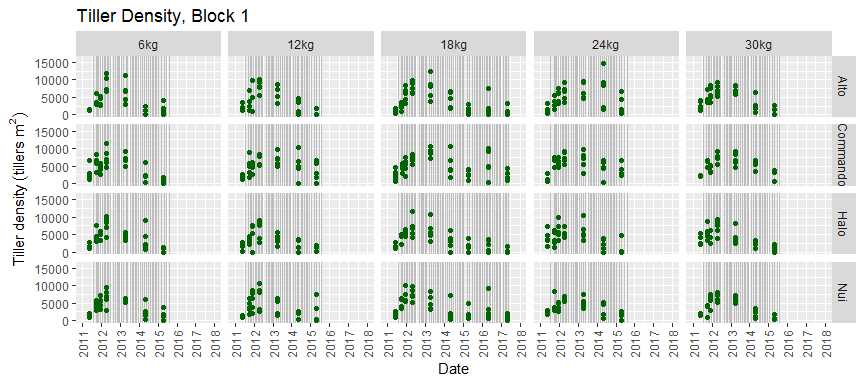
## Pasture Cuts DM%

Average cut dry matter % = 20

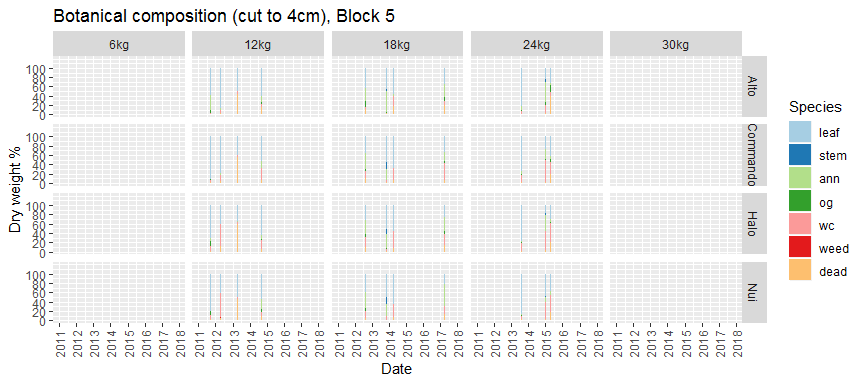
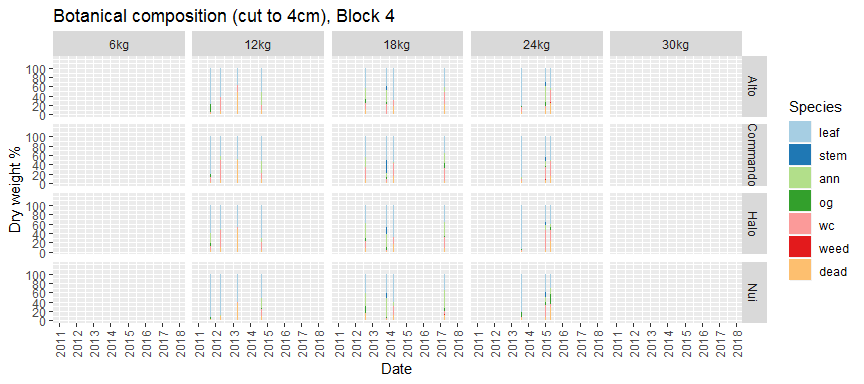
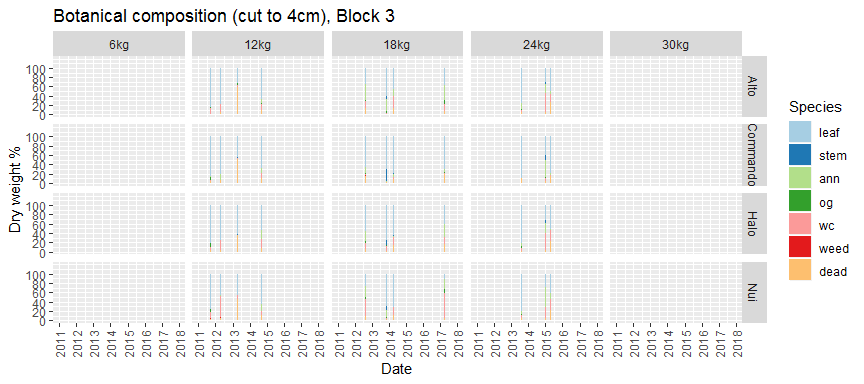
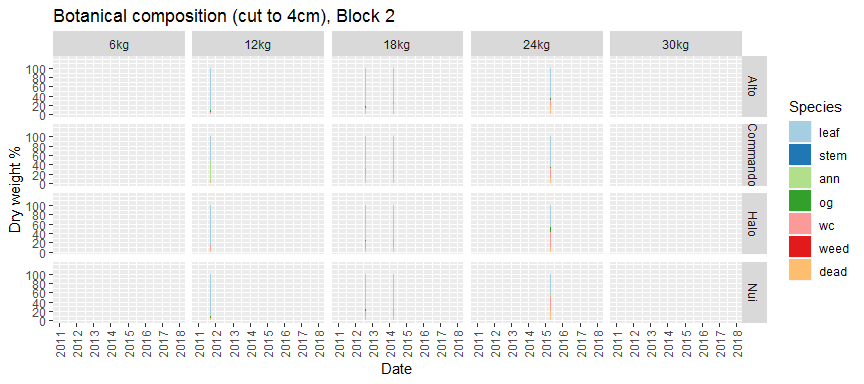
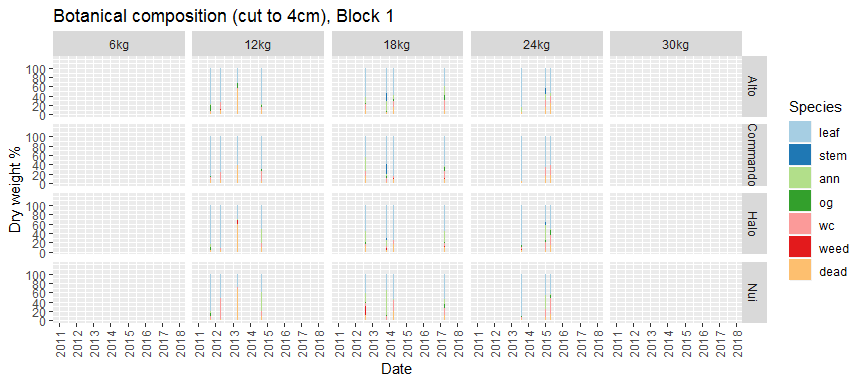


## Tiller Density

Average tiller density = 3688

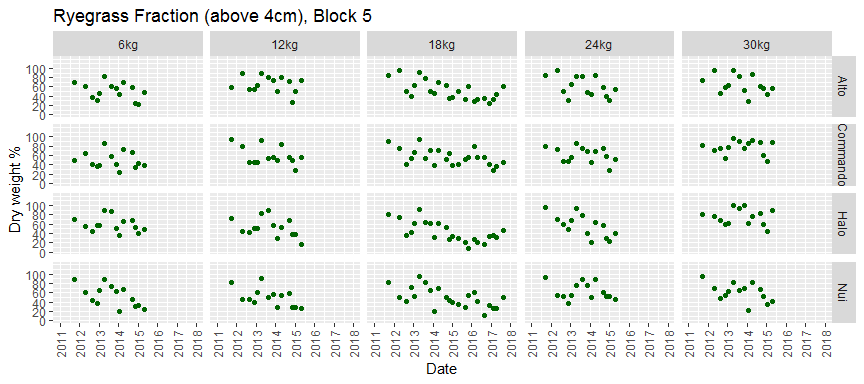
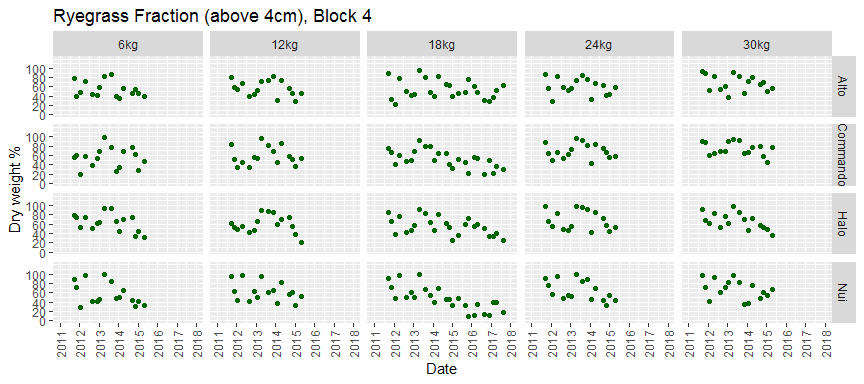
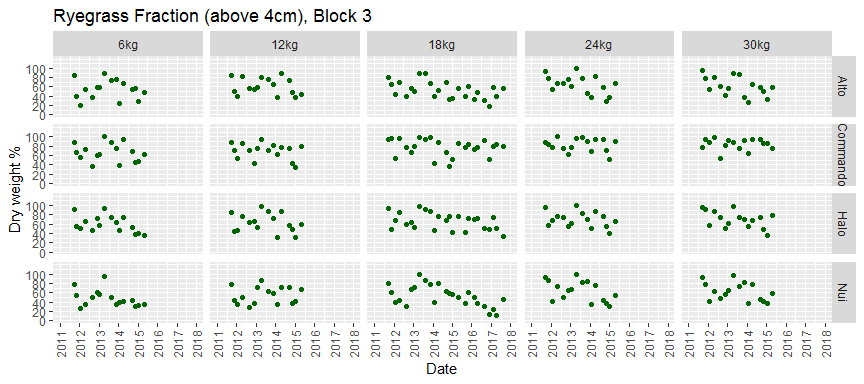
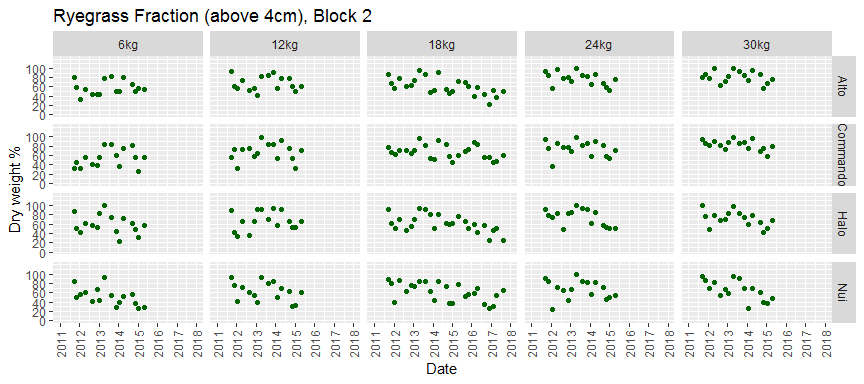
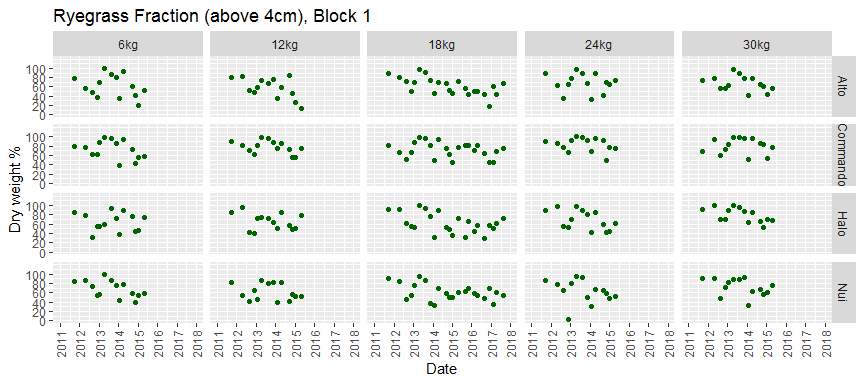


## Botanical Composition



## Ryegrass Fraction

Ryegrass fraction calculated on green mass only

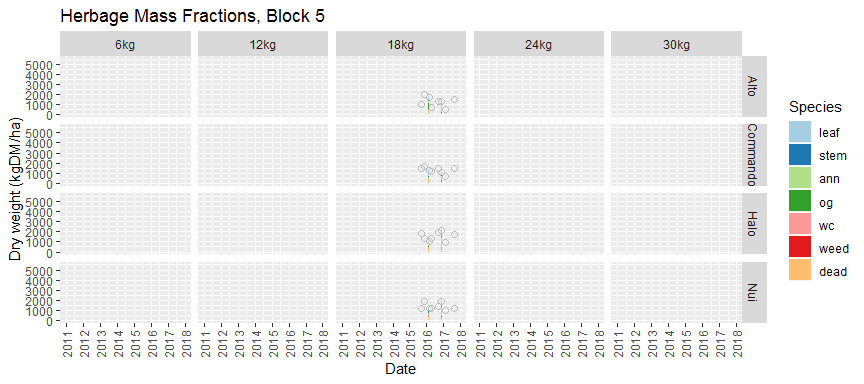
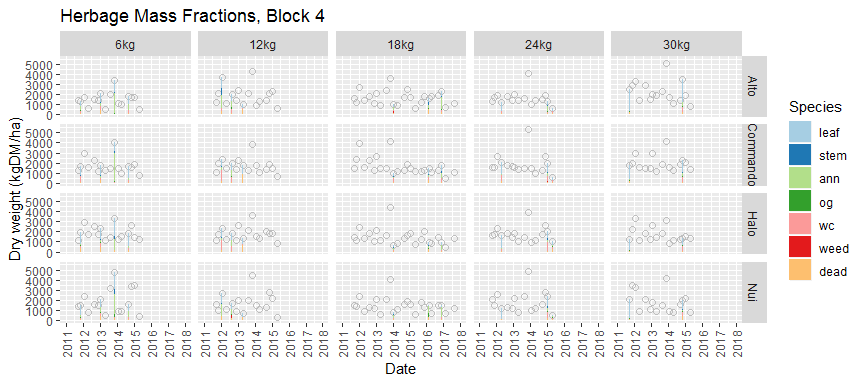
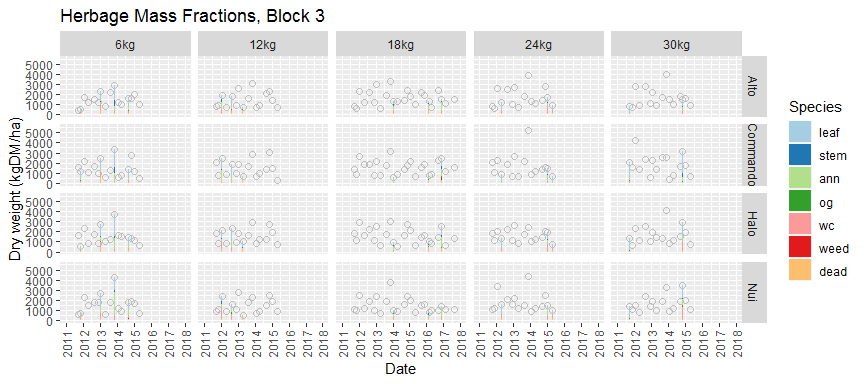
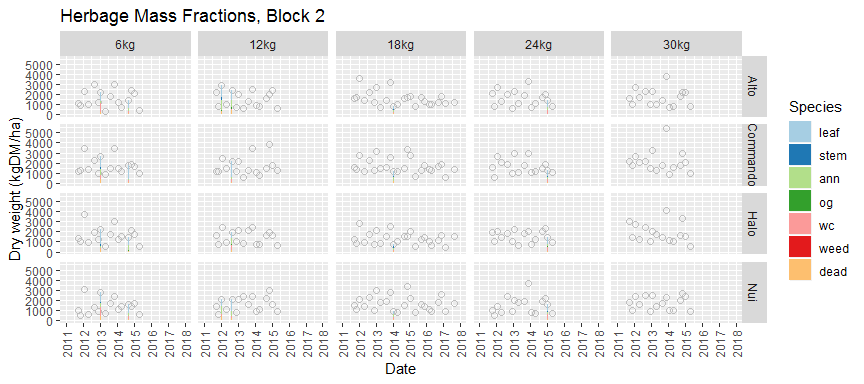
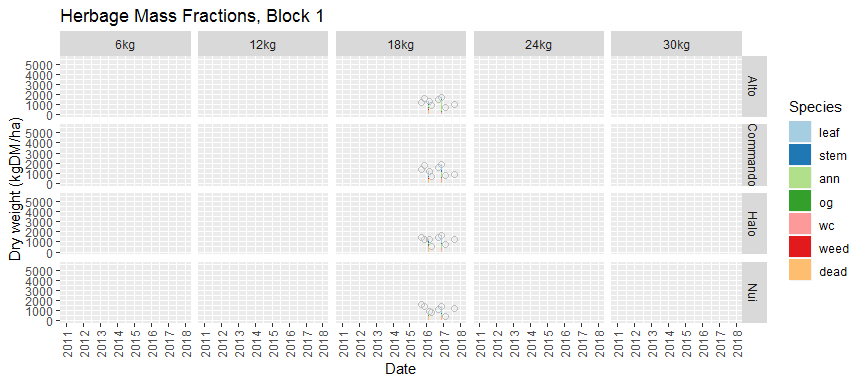


## Estimate Botancial Mass

Total mass at botanical date assumed to be equal to pregraze RPM

Cut mass at botanical date assumed to be equal to cut yield

Botanical composition below cutting height estimated from Tozer data



## Soil Moisture

Average soil moisture = 30

