4 ! number of cells

0.98 0.80 0.60 0.40 ! fu (fraction of grid cell covered by trees)

0.10 0.30 0.70 0.95 ! fl (fraction of grid cell covered by grasses)

6.0 5.0 4.5 3.0 ! LAI upper canopy (m2 m-2)

0.3 0.8 2.0 3.5 ! LAI lower canopy (m2 m-2)

8.3 6.4 6.2 3.1 ! Above-ground biomass pft 1 (kg-C m-2)

2.1 3.4 2.2 3.1 ! Above-ground biomass pft 2 (kg-C m-2)

0.0 0.0 0.0 0.0 ! Above-ground biomass pft 3 (kg-C m-2)

0.0 0.0 0.0 0.0 ! Above-ground biomass pft 4 (kg-C m-2)

0.0 0.0 0.0 0.0 ! Above-ground biomass pft 5 (kg-C m-2)

0.0 0.0 0.0 0.0 ! Above-ground biomass pft 6 (kg-C m-2)

0.0 0.0 0.0 0.0 ! Above-ground biomass pft 7 (kg-C m-2)

0.0 0.0 0.0 0.0 ! Above-ground biomass pft 8 (kg-C m-2)

0.3 0.4 0.6 0.7 ! Above-ground biomass pft 9 (kg-C m-2)

0.3 0.4 0.6 0.7 ! Above-ground biomass pft 10 (kg-C m-2)

0.3 0.4 0.6 0.7 ! Above-ground biomass pft 11 (kg-C m-2)

0.3 0.4 0.6 0.7 ! Above-ground biomass pft 12 (kg-C m-2)

**Equações**

**Chambers et al. 2001**

AGLB=exp(–0.37+0.333\*ln(DBH)+0.933\*(ln(DBH)^2)-0.122\*(ln(DBH)^3))

Crown mass= exp(0.235-1.713\*ln(DBH)+1.588\*(ln(DBH)^2)-0.183\*(ln(DBH)^3))

LAI – normalmente varia de 0 a 6 – vamos usar de 0 a 8