Supplementary Material – Linear regression models

– Linear regression models for multitemporal vegetation indices (MRL) for Ronaldo variety and NDVI:

$YIELD_{AB}$ = - 154.766 + 1281.315 $NDVI_A$ – 9.675 $NDVI_B$

$YIELD_{AC}$ = - 413.551 + 1035.434 $NDVI_A$ + 636.772 $NDVI_C$

$YIELD_{BC}$ = - 1374.901 + 752.870 $NDVI_A$ + 2688.982 $NDVI_C$

$YIELD_{ABC}$ = - 1132.428 + 659.285 $NDVI_A$ + 497.265 $NDVI_B$ + 1755.871 $NDVI_C$

– Linear regression models for multitemporal vegetation indices (MRL) for Ronaldo variety and RERDVI:

$YIELD_{AB}$ = 515.501 + 831.108 $RERDVI_A$ + 73.461 $RERDVI_B$

$YIELD_{AC}$ = 276.922 + 559.453 $RERDVI_A$ + 1146.431 $RERDVI_C$

$YIELD_{BC}$ = 384.696 + 90.827 $RERDVI_B$ + 1616.244 $RERDVI_C$

$YIELD_{ABC}$ = 268.285 + 566.385 $RERDVI_A$ + 126.671 $RERDVI_B$ + 1164.011 $RERDVI_C$

– Linear regression models for multitemporal vegetation indices (MRL) for Gladio variety and NDVI:

$YIELD_{AB}$ = 762.228 – 842.783 $NDVI_A$ + 1339.968 $NDVI_B$

$YIELD_{AC}$ = 780.132 + 882.851 $NDVI_A$ – 1430.237 $NDVI_C$

$YIELD_{BC}$ = 780.259 + 864.281 $NDVI_B$ – 892.572 $NDVI_C$

$YIELD_{ABC}$ = 785.896 + 3007.831 $NDVI_A$ – 2483.192 $NDVI_B$ – 2346.801 $NDVI_C$

– Linear regression models for multitemporal vegetation indices (MRL) for Gladio variety and MCARI1:

$YIELD_{AB}$ = 714.563 + 1.892 $MCARI1_A$ + 917.864 $MCARI1_B$

$YIELD_{AC}$ = 723.085 + 107.707 $MCARI1_A$ – 488.462 $MCARI1_C$

$YIELD_{BC}$ = 722.130 + 927.985 $MCARI1_B$ – 36.495 $MCARI1_C$

$YIELD_{ABC}$ = 732.430 + 383.327 $MCARI1_A$ – 2503.616 $MCARI1_B$ – 1653.287 $MCARI1_C$