# *ANEXO II*

**DADOS E FICHEIROS DE ENTRADA UTILIZADOS NO MODELO WEPP**

**Quadro II.1 –** Conteúdo do ficheiro de entrada no GEOWEPP que faz a ligação do código do solo da tabela de atributos à designação do tipo solo.

| **Ficheiro solo_t.txt** |
|---|
| 1,,AluviossolosModernosA |
| 2,,AfloramentosRochosos |
| 3,,Areas Sociais |
| 4,,AluviossolosAntigosAt |
| 5,,AluviossolosAntigosAtl |
| 6,,BarrosCastAvermBvc |
| 7,,BarrosCastAvermCb |
| 8,,SolosHidromorficosCd |
| 9,,LitossolosEp |
| 10,,LitossolosEx |
| 11,,SolosMeditPardosPac |
| 12,,SolosMeditPardosPag |
| 13,,SolosHidromorficosPb |
| 14,,SolosHidromorficosPcz |
| 15,,SolosMeditPardosPm |
| 16,,SolosLitolicosPpg |
| 17,,SolosMeditPardosPpm |
| 18,,SolosHidromorficosPs |
| 19,,SolosMeditVermAmarPv |
| 20,,SolosMeditPardosPx |
| 21,,SolosHidromorficosSag |
| 22,,SolosBaixasSb |
| 23,,SolosBaixasSba |
| 24,,SolosTurfososMuckSp |
| 25,,SolosMeditVermAmarSr |
| 26,,SolosCalcVermVc |
| 27,,SolosMeditVermAmarVcm |
| 28,,SolosCalcVermVcx |
| 29,,SolosMeditVermAmarVx |

**Quadro II.2** – Conteúdo do ficheiro de entrada no GEOWEPP que faz a ligação da designação do tipo solo ao ficheiro do WEEP que contém a informação dos parâmetros de cada tipo de solo.

| **Ficheiro soilsdb.txt** |
|---|
| 1,,A\|Portugal\Aluviossolos_Modernos_A.sol |
| 2,,Arq\|Portugal\Afloramentos Rochosos.sol |
| 3,,ASoc\|Portugal\Areas Sociais.sol |
| 4,,At\|Portugal\Aluviossolos_Antigos_At.sol |
| 5,,Atl\|Portugal\Aluviossolos_Antigos_Atl.sol |
| 6,,Bvc\|Portugal\Barros_Cast_Averm_Bvc.sol |
| 7,,Cb\|Portugal\Barros_Cast_Averm_Cb.sol |
| 8,,Cd\|Portugal\Solos_Hidromorficos_Cd.sol |
| 9,,Ep\|Portugal\Litossolos_Ep.sol |
| 10,,Ex\|Portugal\Litossolos_Ex.sol |
| 11,,Pac\|Portugal\Solos_Mediterraneos_Pardos_Pac.sol |
| 12,,Pag\|Portugal\Solos_Mediterraneos_Pardos_Pag.sol |
| 13,,Pb\|Portugal\Solos_Hidromorficos_Pb.sol |
| 14,,Pcz\|Portugal\Solos_Hidromorficos_Pcz.sol |
| 15,,Pm\|Portugal\Solos_Mediterraneos_Pardos_Pm.sol |
| 16,,Ppg\|Portugal\Solos_Litolicos_Ppg.sol |
| 17,,Ppm\|Portugal\Solos_Mediterraneos_Pardos_Ppm.sol |
| 18,,Ps\|Portugal\Solos_Hidromorficos_Ps.sol |
| 19,,Pv\|Portugal\Solos_Mediterraneos_Verm_Amar_Pv.sol |
| 20,,Px\|Portugal\Solos_Mediterraneos_Pardos_Px.sol |
| 21,,Sag\|Portugal\Solos_Hidromorficos_Sag.sol |
| 22,,Sb\|Portugal\Solos_Baixas_Sb.sol |
| 23,,Sba\|Portugal\Solos_Baixas_Sba.sol |
| 24,,Sp\|Portugal\Solos_Turfosos_Muck_Sp.sol |
| 25,,Sr\|Portugal\Solos_Mediterraneos_Verm_Amar_Sr.sol |
| 26,,Vc\|Portugal\Solos_Calcarios_Verm_Vc .sol |
| 27,,Vcm\|Portugal\Solos_Mediterraneos_Verm_Amar_Vcm.sol |
| 28,,Vcx\|Portugal\Solos_Calcarios_Verm_Vcx.sol |
| 29,,Vx\|Portugal\Solos_Mediterraneos_Verm_Amar_Vx.sol |

**Quadro II.3 –** Conteúdo do ficheiro de entrada no GEOWEPP que faz a ligação do código de utilização do solo da tabela de atributos à designação da ocupação do solo.

| **Ficheiro clc_t.txt** |
|---|
| 1 Culturas anuais de sequeiro |
| 2 Florestas de folhosas |
| 3 Sistemas agro-florestais |
| 4 Olivais |
| 5 Culturas anuais de regadio |
| 6 Vinhas |
| 7 Planos de agua |
| 8 Espacos florestais degradados, cortes e novas plantacoes |
| 9 Tecido urbano descontinuo |
| 10 Vegetacao esclerofitica |
| 11 Culturas anuais associadas a culturas permanentes |
| 12 Pastagens naturais |
| 13 Sistemas culturais e parcelares complexos |
| 14 Agricultura com espacos naturais |
| 15 Pomares |
| 16 Areas em construcao |
| 17 Pastagens |
| 18 Areas de extraccao mineira |

**Quadro II.4** – Conteúdo do ficheiro de entrada no GEOWEPP que faz a ligação da designação de ocupação do solo ao ficheiro do WEEP que contém a informação dos parâmetros de cada utilização de solo.

| **Ficheiro clc_tdb.txt** |
|---|
| Culturas anuais de sequeiro\|GeoWEPP\winter wheat, Conventional till.rot |
| Florestas de folhosas\|GeoWEPP\Tree-20 yr old forest.rot |
| Sistemas agro-florestais\|GeoWEPP\Tree-20 yr old forest.rot |
| Olivais\|GeoWEPP\grass.rot |
| Culturas anuais de regadio\|GeoWEPP\corn,soybean-fall mulch till.rot |
| Vinhas\|GeoWEPP\grass.rot |
| Planos de agua\|GeoWEPP\grass.rot |
| Espacos florestais degradados, cortes e novas plantacoes\|GeoWEPP\25% cover-high severity burn.rot |
| Tecido urbano descontinuo\|GeoWEPP\grass.rot |
| Vegetacao esclerofitica\|GeoWEPP\grass.rot |
| Culturas anuais associadas a culturas permanentes\|GeoWEPP\grass.rot |
| Pastagens naturais\|GeoWEPP\grass.rot |
| Sistemas culturais e parcelares complexos\|GeoWEPP\grass.rot |
| Agricultura com espacos naturais\|GeoWEPP\grass.rot |
| Pomares\|GeoWEPP\grass.rot |
| Areas em construcao\|GeoWEPP\grass.rot |
| Pastagens\|GeoWEPP\alfalfa with cuttings.rot |
| Areas de extraccao mineira\|GeoWEPP\grass.rot |
| No Data\|GeoWEPP\grass.rot |

**Quadro II.5** – Conteúdo do ficheiro climático CLIGEN da Estação Meteorológica de Beja inserido no WEPP.

| |
|---|
| Ficheiro BEJA PRT.par |
| BEJA PRT |
| LATT= 38.03 LONG= -8.45 YEARS= 14. TYPE= 0 |
| ELEVATION = 807. TP5 = 2.12 TP6= 3.76 |
| MEAN P 0.28 0.24 0.19 0.24 0.18 0.13 0.13 0.12 0.21 0.37 0.29 0.27 |
| S DEV P 0.39 0.28 0.26 0.28 0.29 0.21 0.19 0.21 0.34 0.70 0.35 0.32 |
| SKEW P 2.41 1.69 2.50 1.91 4.78 3.26 2.02 3.56 2.73 5.31 2.37 1.97 |
| P(W\|W) 0.56 0.62 0.57 0.61 0.60 0.44 0.22 0.39 0.42 0.62 0.69 0.73 |
| P(W\|D) 0.21 0.25 0.17 0.26 0.14 0.07 0.03 0.03 0.08 0.19 0.15 0.20 |
| TMAX AV 57.02 58.56 64.10 66.24 73.61 83.75 90.85 90.79 86.64 73.66 64.33 58.54 |
| TMIN AV 43.26 44.25 45.50 47.34 50.39 56.51 60.42 60.86 61.51 55.29 49.55 46.06 |
| SD TMAX 4.33 5.23 6.41 6.54 8.12 9.04 7.87 6.62 7.59 7.17 5.91 4.30 |
| SD TMIN 5.27 5.89 5.04 4.99 4.89 5.54 5.82 5.79 5.39 5.01 5.93 6.30 |
| SOL.RAD 128. 199. 298. 382. 473. 561. 545. 479. 407. 285. 171. 126. |
| SD SOL 46.1 54.4 66.9 85.8 89.3 76.6 73.8 124.7 65.3 38.7 38.9 38.0 |
| MX .5 P .22 .34 .48 .41 .75 1.12 1.51 1.27 .80 .28 .60 .24 |
| DEW PT 22.91 23.82 29.60 39.60 49.73 58.60 62.60 61.69 54.69 43.82 32.91 24.78 |
| Time Pk .678 .769 .815 .857 .868 .873 .890 .900 .910 .931 .954 1.000 |
| % N 4.09 5.99 6.54 6.28 6.37 5.55 5.92 7.32 6.46 6.00 4.04 3.86 |
| MEAN 4.18 4.60 4.68 4.57 4.22 3.89 3.26 3.32 3.58 3.66 3.90 4.15 |
| STD DEV 1.88 2.16 2.01 1.99 2.13 1.78 1.58 1.55 1.85 1.72 1.92 2.01 |
| SKEW .34 .53 .34 .43 .53 .61 .47 .49 .72 .54 .67 .46 |
| % NNE 2.93 3.98 4.63 3.65 4.66 4.41 4.06 4.98 4.92 3.75 2.28 2.53 |
| MEAN 3.89 4.08 4.46 4.08 3.85 3.70 3.01 3.07 3.29 3.07 3.37 3.75 |
| STD DEV 2.01 1.80 1.92 1.88 1.73 1.67 1.42 1.48 1.60 1.48 1.68 1.81 |
| SKEW .49 .41 .38 .50 .40 .53 .75 .68 .63 .61 .55 .48 |
| % NE 2.72 4.13 4.35 3.82 4.50 4.15 4.15 4.59 5.01 3.33 2.12 2.02 |
| MEAN 3.61 3.59 4.23 3.70 3.39 3.13 2.75 2.80 3.04 2.94 2.76 3.13 |
| STD DEV 1.71 1.72 1.95 1.63 1.57 1.46 1.35 1.31 1.52 1.49 1.35 1.45 |
| SKEW .46 .46 .34 .34 .54 .40 .66 .55 .54 .89 .78 .40 |
| % ENE 3.17 4.42 4.40 4.38 4.14 3.84 3.84 4.12 4.71 3.53 2.08 2.49 |
| MEAN 3.62 4.02 4.06 3.98 3.24 3.23 2.60 2.58 2.91 3.00 2.88 3.49 |
| STD DEV 1.89 1.82 1.87 1.70 1.47 1.52 1.20 1.24 1.44 1.38 1.50 1.47 |
| SKEW .63 .40 .36 .23 .60 .59 .60 .67 .72 .46 .69 .46 |
| % E 4.12 4.96 5.17 5.16 5.21 4.54 4.56 4.71 4.97 4.50 3.06 4.40 |
| MEAN 3.42 3.49 3.83 3.90 3.29 2.92 2.63 2.42 2.76 2.69 3.09 3.37 |
| STD DEV 1.70 1.62 1.74 1.84 1.45 1.53 1.26 1.14 1.38 1.21 1.49 1.52 |
| SKEW .50 .48 .29 .54 .50 .86 .79 .66 .85 .57 .66 .48 |
| % ESE 3.17 3.03 3.43 3.73 3.49 2.96 2.57 2.50 3.82 4.03 2.76 3.65 |
| MEAN 3.20 3.32 3.78 3.68 3.18 2.73 2.63 2.51 2.69 2.79 3.01 3.33 |
| STD DEV 1.44 1.47 1.77 1.67 1.49 1.25 1.21 1.20 1.19 1.30 1.37 1.46 |
| SKEW .47 .33 .54 .40 .59 .73 .67 .58 .64 .74 .54 .57 |
| % SE 4.35 3.96 4.39 4.65 4.39 4.56 4.02 4.06 5.24 5.38 4.92 5.23 |
| MEAN 3.29 3.24 3.92 3.74 2.99 2.72 2.37 2.25 2.81 2.97 3.14 3.42 |
| STD DEV 1.48 1.41 1.90 1.76 1.42 1.34 1.07 1.11 1.41 1.40 1.57 1.55 |
| SKEW .41 .38 .50 .42 .64 .71 .57 .73 .80 .63 .52 .27 |
| % SSE 4.89 3.85 3.66 5.32 4.62 5.57 4.62 4.62 5.73 6.36 6.08 5.58 |
| MEAN 3.68 3.95 3.95 3.82 3.30 2.98 2.59 2.51 3.04 3.32 3.82 3.71 |
| STD DEV 1.60 1.70 1.80 1.65 1.58 1.37 1.23 1.13 1.44 1.59 1.74 1.70 |
| SKEW .40 .40 .57 .35 .64 .68 .65 .61 .82 .82 .46 .63 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| % S | 10.66 | 8.05 | 7.24 | 9.72 | 10.07 | 11.83 | 11.10 | 10.00 | 10.44 | 10.92 | 12.16 | 11.65 |
| MEAN | 4.30 | 4.55 | 4.59 | 4.38 | 3.76 | 3.52 | 3.02 | 2.98 | 3.54 | 3.80 | 4.32 | 4.35 |
| STD DEV | 2.05 | 2.15 | 2.23 | 2.04 | 1.79 | 1.67 | 1.42 | 1.38 | 1.68 | 1.85 | 2.04 | 1.90 |
| SKEW | .70 | .50 | .70 | .61 | .61 | .78 | .64 | .67 | .71 | .65 | .67 | .34 |
| % SSW | 8.70 | 7.20 | 6.92 | 7.94 | 8.63 | 10.57 | 9.40 | 7.90 | 7.94 | 8.11 | 10.81 | 9.97 |
| MEAN | 4.84 | 5.21 | 5.41 | 5.28 | 4.53 | 4.27 | 3.85 | 3.68 | 3.95 | 4.24 | 4.86 | 4.92 |
| STD DEV | 2.20 | 2.34 | 2.34 | 2.38 | 2.07 | 1.91 | 1.72 | 1.73 | 1.89 | 2.01 | 2.08 | 2.10 |
| SKEW | .51 | .32 | .45 | .37 | .55 | .55 | .51 | .58 | .55 | .50 | .48 | .51 |
| % SW | 7.49 | 6.15 | 6.49 | 7.38 | 7.20 | 7.91 | 7.51 | 5.85 | 5.50 | 5.56 | 8.62 | 7.53 |
| MEAN | 5.34 | 5.41 | 5.95 | 6.04 | 5.13 | 4.71 | 4.18 | 3.93 | 4.26 | 4.63 | 5.48 | 5.32 |
| STD DEV | 2.29 | 2.38 | 2.73 | 2.75 | 2.39 | 2.02 | 1.85 | 1.82 | 2.05 | 2.31 | 2.21 | 2.39 |
| SKEW | .42 | .24 | .71 | .34 | .44 | .27 | .33 | .35 | .49 | .58 | .16 | .46 |
| % WSW | 7.37 | 6.41 | 7.26 | 5.52 | 5.78 | 5.42 | 5.40 | 4.94 | 3.69 | 4.72 | 7.16 | 6.88 |
| MEAN | 5.87 | 5.93 | 6.48 | 6.15 | 5.23 | 4.88 | 4.24 | 4.39 | 4.41 | 4.94 | 5.75 | 5.71 |
| STD DEV | 2.41 | 2.39 | 2.80 | 2.66 | 2.15 | 2.06 | 1.86 | 1.90 | 1.99 | 2.15 | 2.39 | 2.38 |
| SKEW | .31 | .16 | .49 | .32 | .28 | .18 | .48 | .19 | .43 | .33 | .38 | .35 |
| % W | 11.82 | 11.75 | 10.54 | 7.33 | 6.69 | 5.06 | 5.47 | 4.67 | 4.00 | 6.16 | 9.93 | 10.15 |
| MEAN | 5.96 | 5.96 | 6.09 | 6.34 | 4.99 | 4.65 | 4.02 | 3.98 | 4.08 | 4.82 | 5.67 | 5.89 |
| STD DEV | 2.42 | 2.35 | 2.61 | 2.84 | 2.19 | 2.12 | 1.82 | 1.81 | 1.97 | 2.18 | 2.34 | 2.46 |
| SKEW | .38 | .13 | .31 | .40 | .32 | .37 | .38 | .35 | .62 | .37 | .32 | .39 |
| % WNW | 6.69 | 8.15 | 7.32 | 6.75 | 4.83 | 3.62 | 4.19 | 3.39 | 3.66 | 4.55 | 6.82 | 7.03 |
| MEAN | 5.30 | 5.72 | 5.39 | 5.83 | 4.87 | 4.29 | 3.84 | 3.68 | 4.00 | 4.57 | 5.25 | 5.27 |
| STD DEV | 2.11 | 2.38 | 2.22 | 2.63 | 2.35 | 1.96 | 1.83 | 1.64 | 1.86 | 2.07 | 2.16 | 2.06 |
| SKEW | .03 | .19 | .32 | .53 | .49 | .42 | .48 | .53 | .43 | .26 | .32 | .17 |
| % NW | 5.87 | 6.92 | 6.76 | 6.59 | 5.25 | 4.18 | 4.77 | 4.65 | 4.70 | 5.37 | 5.05 | 5.29 |
| MEAN | 4.88 | 5.19 | 5.13 | 5.20 | 4.18 | 4.26 | 3.67 | 3.51 | 3.75 | 4.15 | 4.67 | 4.86 |
| STD DEV | 2.29 | 2.27 | 2.33 | 2.25 | 1.96 | 2.03 | 1.78 | 1.77 | 1.79 | 2.02 | 2.15 | 2.15 |
| SKEW | .18 | .19 | .27 | .13 | .36 | .47 | .70 | .47 | .44 | .46 | .53 | .23 |
| % NNW | 5.09 | 5.97 | 5.65 | 5.56 | 5.09 | 4.29 | 4.81 | 5.60 | 5.19 | 5.84 | 4.23 | 4.45 |
| MEAN | 4.95 | 5.10 | 5.06 | 4.99 | 4.17 | 4.05 | 3.54 | 3.56 | 3.65 | 4.22 | 4.50 | 4.96 |
| STD DEV | 2.18 | 2.31 | 2.29 | 2.08 | 1.83 | 1.84 | 1.69 | 1.69 | 1.80 | 2.02 | 2.11 | 2.17 |
| SKEW | .24 | .30 | .30 | .18 | .36 | .36 | .55 | .60 | .53 | .44 | .30 | .22 |
| CALM | 6.99 | 5.13 | 5.34 | 6.17 | 9.07 | 11.43 | 13.65 | 16.11 | 14.09 | 11.82 | 7.81 | 7.30 |
| | | | | | | | | | | | | |
| INTERPOLATED DATA (station & weighting factor) | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| ---Wind Stations--- | | | | | | | | | | | | |
| COLUMBUS/LOC. OH .443 COLUMBUS OH .443 SPRINGFIELD OH .113 | | | | | | | | | | | | |
| ---Solar Radiation and Max .5 P Stations--- | | | | | | | | | | | | |
| COLUMBUS, OHIO .844 CLEVELAND, OHIO .080 TOLEDO, OHIO .076 | | | | | | | | | | | | |
| ---Dewpoint Stations--- | | | | | | | | | | | | |
| OH COLUMBUS .783 OH DAYTON .126 OH AKRON-CANTON .092 | | | | | | | | | | | | |
| ---Time Peak Stations--- | | | | | | | | | | | | |
| MARYSVILLE OH .367 MT VERNON OH .359 LONDON SWG PLNT OH .274 | | | | | | | | | | | | |

**Fonte:** Ficheiro CLIGEN 5.221 para a Estação Meteorológica de Beja.

Metodologia descrita em PALMA (2006) (pág. 36).

http://home.isa.utl.pt/~joaopalma/index.php?id=39,0,0,1,0,0

**Quadro II.6** – Cálculo dos parâmetros para construção dos ficheiros com os parâmetros de cada tipo de solo inseridos no WEPP.

| COD1 | COD_SOLO | NOME | Textura | Horizonte | Profundidade | % ORGMAT | 0.4*ORGMAT | Albedo | Saturação Inicial (m/m) | > 2mm (%) | % Areia Grossa | % Areia Fina | % Total Areia | % Limo | % Argila | Ki (Kg*s/m4) | Kr (s/m) | $\tau c$ (N/m2) | CEC (meq/100g) | Kb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | Aluviossolos Modernos | Sandy loam | Ap | 0-45 | 4.27 | 1.708 | 0.11 | 0.44 | 0 | 7.3 | 48.1 | 55.40 | 30.2 | 14.5 | 10412000 | 0.013984954 | 1.2925 | 8.1 | 13.94723 |
| | | | | C1 | 45-95 | | | | 0.39 | 0 | 4.8 | 74.6 | 79.40 | 12.2 | 8.4 | 10412000 | | 0.896 | 9.4 | 24.47319 |
| | | | | C2 | 95-130 | | | | 0.47 | 0 | 5.8 | 36.3 | 42.10 | 36.3 | 21.6 | 9701230 | | 1.9686 | 15.6 | 8.40946 |
| Arq | 2 | Afloramentos Rochosos | | | | | 0 | 0.60 | | | | | 0.00 | | | 2728000 | | | | |
| Asoc | 3 | Área Social | | | | | 0 | 0.60 | | | | | 0.00 | | | 2728000 | | | | |
| At | 4 | Aluviossolos Antigos | Sandy loam | Ap | 0-15 | 2.6 | 1.04 | 0.21 | 0.45 | 10,0 | 13.4 | 51.5 | 64.90 | 17.1 | 18 | 10412000 | 0.014293043 | 1.52 | 8 | 17.86729 |
| | | | | C1 | 15-50 | | | | 0.44 | 5 | 14.8 | 50.3 | 65.10 | 19.1 | 15.8 | 10412000 | | 1.377 | 8.1 | 17.93228 |
| | | | | C2 | 50-90 | | | | 0.45 | 20 | 8.4 | 59.7 | 68.10 | 12.6 | 19.3 | 10412000 | | 1.6045 | 8.3 | 19.22458 |
| Atl | 5 | Aluviossolos Antigos | Loamy Sand | Ap | 0-40 | 1.64 | 0.656 | 0.31 | 0.37 | 4.5 | 74 | 14 | 88.00 | 5.9 | 6.1 | 5417400 | 0.008059721 | 2.2545 | 2.4 | 32.87818 |
| | | | | C1 | 40-80 | | | | 0.39 | 5 | 71.5 | 14.6 | 86.10 | 4.8 | 9.1 | 5532660 | | 2.4147 | 4.6 | 29.53547 |
| Bvc | 6 | Barros Castanho-Avermelhados | Clay | Ap | 0-25 | 1.19 | 0.476 | 0.37 | 0.54 | 47 | 7.5 | 16.4 | 23.90 | 22.2 | 53.9 | 3082493 | 0.006902789 | 3.5 | 25 | 0.610313 |
| | | | | B | 25-40 | | | | 0.54 | 13.1 | 5.8 | 15.5 | 21.30 | 20.1 | 58.6 | 2823382 | 0.006901089 | 3.5 | 23.49 | 0.424492 |
| | | | | BC | 40-55 | | | | 0.52 | 5.2 | 12.8 | 24 | 36.80 | 17.2 | 46 | 7338400 | | 3.878 | 18.8 | 1.327984 |
| Cb | 7 | Barros Castanho-Avermelhados | Sandy loam | Ap | 0-20 | 1.1 | 0.44 | 0.39 | 0.45 | 0 | 36 | 34.2 | 70.20 | 10.2 | 19.6 | 9297820 | 0.017334024 | 1.9604 | 23.45 | 18.91987 |
| | | | | A3 | 20-40 | 0.77 | 0.308 | 0.44 | 0.45 | 0 | 30.2 | 37.8 | 68.00 | 10.2 | 21.8 | 9989380 | 0.02267734 | 1.8946 | 24.98 | 17.86135 |
| | | | | B | 40-60 | 0.52 | 0.208 | 0.49 | 0.46 | 0 | 26.8 | 38.7 | 65.50 | 10.3 | 24.2 | 10162270 | 0.02841856 | 1.9984 | 24.68 | 16.75571 |
| | | | | C | 60-85 | 0.12 | 0.048 | 0.57 | 0.42 | 0 | 37.5 | 38.6 | 76.10 | 9.8 | 14.1 | 10143060 | 0.03305151 | 1.3477 | 20.53 | 21.86389 |
| Cd | 8 | Solos Hidromórficos | Sandy loam | Ap | 0-30 | 0.86 | 0.344 | 0.43 | 0.44 | 8 | 39.5 | 27.2 | 66.70 | 15.7 | 17.6 | 7953120 | 0.018067745 | 2.2364 | 8.25 | 18.60597 |
| | | | | B2g | 30-75 | 0.36 | 0.144 | 0.52 | 0.48 | 16 | 30.7 | 27.5 | 58.20 | 13.3 | 28.5 | 8010750 | 0.030138106 | 2.9275 | 22.29 | 13.77502 |
| | | | | B3g | 75-90 | 0.94 | 0.376 | 0.41 | 0.49 | 0 | 31.6 | 24.4 | 56.00 | 7.8 | 36.2 | 7415240 | 0.016141237 | 3.6078 | 24.64 | 12.82816 |
| | | | | C | 100-120 | | | | 0.4 | 8.5 | 60.4 | 22.8 | 83.20 | 6.7 | 10.1 | 7107880 | | 2.0041 | 27.96 | 25.26534 |
| Ep | 9 | Litossolos | Sandy loam | Ap | 0-10 | 0.96 | 0.384 | 0.41 | 0.42 | 18.5 | 0.5 | 70.5 | 71.00 | 16.9 | 12.1 | 10412000 | 0.020573694 | 1.1365 | 20.1 | 19.42484 |
| Ex | 10 | Litossolos | Sandy clay loam | Ap | 0-10 | 1.39 | 0.556 | 0.34 | 0.48 | 30 | 28.7 | 21.5 | 50.20 | 24.2 | 25.6 | 6858150 | 0.011413458 | 3.087 | 20 | 10.84971 |
| Pac | 11 | Solos Mediterrâneos Pardos | Sandy clay loam | Ap | 0-25 | 0.7 | 0.28 | 0.45 | 0.46 | 0 | 25.1 | 37.7 | 62.80 | 12.4 | 24.8 | 9970170 | 0.023934999 | 2.0954 | 10.35 | 16.54024 |
| | | | | B1 | 27-43 | 0.43 | 0.172 | 0.51 | 0.47 | 0 | 26 | 33.2 | 59.20 | 13.6 | 27.2 | 9105720 | 0.029440999 | 2.5124 | 11.5 | 14.89542 |
| | | | | B2 | 50-75 | 0.34 | 0.136 | 0.52 | 0.52 | 0 | 19.5 | 18.3 | 37.80 | 15 | 47.2 | 6243430 | 0.027747992 | 4.2086 | 23.52 | 1.160448 |
| | | | | C | 90-115 | | | | 0.51 | 0 | 15.5 | 21.2 | 36.70 | 22.5 | 40.8 | 6800520 | | 4.0404 | 26.93 | 2.61093 |
| Pag | 12 | Solos Mediterrâneos Pardos | Loamy sand | Ap | 0-15 | 0.91 | 0.364 | 0.42 | 0.4 | 0 | 57.8 | 25.8 | 83.60 | 6 | 10.4 | 7684180 | 0.016950058 | 1.8496 | 7.88 | 26.97266 |
| | | | | A3 | 15-25 | 0.37 | 0.148 | 0.52 | 0.44 | 0 | 31.6 | 41.4 | 73.00 | 9.4 | 17.6 | 10412000 | 0.033524964 | 1.494 | 6.41 | 22.01003 |
| | | | | B1 | 25-40 | 0.26 | 0.104 | 0.54 | 0.47 | 0 | 48.1 | 8.2 | 56.30 | 8.3 | 25.4 | 4303220 | 0.024717992 | 3.8454 | 8.52 | 14.20647 |
| | | | | B2 | 40-100 | 0.12 | 0.048 | 0.57 | 0.49 | 0 | 45.3 | 7.1 | 52.40 | 15.6 | 32 | 4091910 | 0.024387992 | 4.3382 | 8.56 | 12.72277 |
| Pb | 13 | Solos Hidromórficos | Clay loam | Ap | 0-15 | 1.86 | 0.744 | 0.29 | 0.5 | 0 | 8.9 | 24.4 | 33.30 | 33.2 | 33.5 | 7415240 | 0.010550652 | 3.4323 | 13.27 | 6.113684 |
| | | | | Bg | 20-55 | 1.28 | 0.512 | 0.36 | 0.53 | 0 | 9.2 | 14.4 | 23.60 | 29.4 | 47 | 3462890 | 0.006911085 | 3.5 | 10.67 | 1.186258 |
| Pcz | 14 | Solos Hidromórficos | Sandy loam | Ap | 0-30 | 1.44 | 0.576 | 0.34 | 0.44 | 12 | 34.6 | 31 | 65.60 | 16.3 | 18.1 | 8683100 | 0.014000348 | 2.0485 | 20.33 | 16.96166 |
| | | | | Bg | 30-85 | 0.31 | 0.124 | 0.53 | 0.5 | 14 | 22.9 | 20.1 | 43.00 | 20.7 | 36.3 | 6589210 | 0.028287992 | 3.8637 | 23.12 | 8.316393 |
| | | | | C | 85-110 | | | | 0.5 | 65.5 | 37.5 | 11.8 | 49.30 | 12.6 | 38.1 | 4994780 | | 4.4621 | 39.23 | 10.05177 |
| Pm | 15 | Solos Mediterrâneos Pardos | Sandy loam | Ap | 0-20 | 1.17 | 0.468 | 0.38 | 0.44 | 0 | 32.2 | 36 | 68.20 | 13.3 | 18.5 | 9643600 | 0.017257201 | 1.7845 | 11.04 | 18.81852 |
| | | | | B1 | 20-40 | 0.72 | 0.288 | 0.45 | 0.52 | 0 | 19.3 | 18.3 | 37.60 | 14.2 | 48.2 | 6243430 | 0.017730022 | 4.2086 | 23.66 | 1.042431 |
| | | | | B2 | 40-70 | 0.45 | 0.18 | 0.50 | 0.49 | 0 | 27.7 | 21.5 | 49.20 | 16.4 | 34.4 | 6858150 | 0.025298307 | 3.659 | 22.65 | 10.38949 |
| | | | | C | 70-100 | 0.07 | 0.028 | 0.58 | 0.4 | 0 | 55.6 | 28.3 | 83.90 | 5.8 | 10.3 | 8164430 | 0.030747992 | 1.6981 | 23.38 | 25.77429 |
| Ppg | 16 | Solos Litólicos | Sandy loam | Ap | 0-20 | 0.84 | 0.336 | 0.43 | 0.42 | 0 | 47.9 | 26.9 | 74.80 | 13.1 | 12.1 | 7895490 | 0.018275295 | 1.8963 | 8.01 | 22.44309 |
| | | | | B | 20-50 | 0.28 | 0.112 | 0.54 | 0.43 | 0 | 46.1 | 25.5 | 71.60 | 14.2 | 14.2 | 7626550 | 0.029907992 | 2.114 | 7.75 | 20.96693 |
| | | | | C | 50-75 | 0.16 | 0.064 | 0.56 | 0.42 | 0 | 54.4 | 22.2 | 76.60 | 11.2 | 12.2 | 6992620 | 0.028917992 | 2.1754 | 12.31 | 22.66777 |
| Ppm | 17 | Solos Mediterrâneos Pardos | Sandy loam | Ap | 0-15 | 3.05 | 1.22 | 0.18 | 0.38 | 40 | 45.3 | 26.9 | 72.20 | 22.2 | 5.6 | 7895490 | 0.010181145 | 1.4738 | 5.26 | 22.08318 |
| | | | | A2 | 15-35 | 0 | 0 | 0.60 | 0.4 | 12.5 | 31.5 | 39.5 | 71.00 | 19.8 | 9.2 | 10315950 | | 0.977 | 4.15 | 22.159 |
| | | | | B | 35-50 | 0 | 0 | 0.60 | 0.49 | 12.5 | 24.3 | 26.9 | 51.20 | 14.8 | 34 | 7895490 | | 3.3198 | 12.54 | 11.71561 |
| | | | | C | 60-? | 0 | 0 | 0.60 | 0.44 | 5 | 40.7 | 29.2 | 69.90 | 14 | 16.1 | 8337320 | | 2.0229 | 11.27 | 19.56851 |
| Ps | 18 | Solos Hidromórficos | Sandy loam | A1 | 0-10 | 0.86 | 0.344 | 0.43 | 0.42 | 0 | 41 | 31.5 | 72.50 | 15.8 | 11.7 | 8779150 | 0.019357745 | 1.6035 | 7.11 | 21.55839 |
| | | | | A2 | 10-25 | 0.46 | 0.184 | 0.50 | 0.44 | 0 | 39.4 | 26.6 | 66.00 | 17 | 17 | 7837860 | 0.026520586 | 2.2322 | 10.09 | 17.96532 |
| | | | | B21g | 25-45 | 0.35 | 0.14 | 0.52 | 0.47 | 0 | 38.3 | 19.7 | 58.00 | 15.2 | 26.8 | 6512370 | 0.028167992 | 3.2694 | 13.4 | 14.21434 |
| | | | | B22g | 50-80 | 0.12 | 0.048 | 0.57 | 0.48 | 0 | 29.6 | 26.3 | 55.90 | 13 | 31.1 | 7780230 | 0.030147992 | 3.1661 | 17.66 | 13.08348 |
| | | | | C1g | 80-95 | 0 | 0 | 0.60 | 0.48 | 0 | 49.3 | 11 | 60.30 | 8.5 | 31.2 | 4841100 | | 4.06 | | |
| | | | | IIC2g | 95-120 | 0 | 0 | 0.60 | 0.5 | 0 | 30.7 | 20.2 | 50.90 | 11.9 | 37.2 | 6608420 | | 3.9164 | 33.5 | 10.71091 |
| Pv | 19 | Solos Mediterrâneos Vermelhos e Amarelos | Clay loam | Ap | 0-20 | 1.64 | 0.656 | 0.31 | 0.49 | 0 | 12.7 | 31.4 | 44.10 | 24.1 | 31.8 | 8759940 | 0.013279721 | 2.9158 | 12.36 | 9.316587 |
| | | | | B | 20-40 | 0.93 | 0.372 | 0.41 | 0.54 | 0 | 7.2 | 16.7 | 23.90 | 21.8 | 54.3 | 3060441 | 0.006902574 | 3.5 | 24.91 | 0.590296 |
| Px | 20 | Solos Mediterrâneos Pardos | Sandy loam | Ap | 0-20 | 0.98 | 0.392 | 0.41 | 0.44 | 18 | 35.5 | 26.1 | 61.60 | 22.1 | 16.3 | 7741810 | 0.016165095 | 2.2157 | 10.2 | 16.0563 |
| | | | | B2 | 20-40 | 0.44 | 0.176 | 0.50 | 0.47 | 16.5 | 27.7 | 27.2 | 54.90 | 20.2 | 24.9 | 7953120 | 0.027321742 | 2.7109 | 13.95 | 12.95664 |
| | | | | C & R | 40-60 | 0.15 | 0.06 | 0.57 | 0.52 | 64.9 | 11.6 | 15.8 | 27.40 | 32.9 | 39.7 | 3865339 | 0.006947732 | 3.5 | 17.34 | 4.413686 |
| Sag | 21 | Solos Hidromórficos | Sandy loam | Alg | 0-12 | 2.29 | 0.916 | 0.24 | 0.4 | 0 | 40.3 | 31.5 | 71.80 | 18.9 | 9.3 | 8779150 | 0.011991454 | 1.4475 | 15.68 | 20.04854 |
| | | | | A3g | 12-30 | 0.75 | 0.3 | 0.44 | 0.43 | 0 | 40.8 | 26.8 | 67.60 | 17.8 | 14.6 | 7876280 | 0.01972848 | 2.0646 | 9.79 | 18.72569 |
| | | | | B2g | 30-60 | 0.72 | 0.288 | 0.45 | 0.52 | 0 | 20.2 | 16.1 | 36.30 | 16.9 | 46.8 | 5820810 | 0.017070022 | 4.3362 | 11.08 | 1.21287 |
| | | | | B3g | 60-85 | 0.62 | 0.248 | 0.47 | 0.53 | 0 | 13.4 | 15.6 | 29.00 | 19.2 | 51.8 | 3198266 | 0.006904244 | 4.3652 | 12.34 | 0.733256 |
| | | | | C | 85-110 | 0.52 | 0.208 | 0.49 | 0.52 | 0 | 19.6 | 15.6 | 35.20 | 18.6 | 45.9 | 5724760 | 0.02148856 | 4.3652 | 11.86 | 1.34342 |
| Sb | 22 | Solos de Baixas | Loam | Ap | 0-35 | 2.9 | 1.16 | 0.19 | 0.45 | 12.5 | 24.3 | 24.8 | 49.10 | 35.2 | 15.7 | 7492080 | 0.009596007 | 2.2521 | 14.86 | 10.76495 |
| | | | | C | 35-75 | 0 | 0 | 0.60 | 0.48 | 5 | 14.3 | 25.5 | 39.80 | 36.5 | 23.7 | 7626550 | | 2.7315 | 10.88 | 8.168597 |
| Sba | 23 | Solos de Baixas | Loam | Ap | 0-35 | 2.9 | 1.16 | 0.19 | 0.45 | 12.5 | 24.3 | 24.8 | 49.10 | 35.2 | 15.7 | 7492080 | 0.009596007 | 2.2521 | 14.86 | 10.76495 |
| | | | | C | 35-75 | 0 | 0 | 0.60 | 0.48 | 5 | 14.3 | 25.5 | 39.80 | 36.5 | 23.7 | 7626550 | | 2.7315 | 10.88 | 8.168597 |
| Sp | 24 | Solos Turfosos com "MucK" | Loam | A11p | 0-22 | 18.44 | 7.376 | 0.00 | 0.45 | 0 | 26.2 | 14.5 | 40.70 | 42.2 | 13.7 | 5513450 | 0.00632 | 2.7195 | 23.24 | 7.606114 |
| | | | | A12 | 22-62 | 23.1 | 9.24 | 0.00 | 0.43 | 0 | 7.2 | 37.3 | 44.50 | 45.8 | 9.7 | 9893330 | 0.01316 | 1.1371 | 34.52 | 8.511313 |
| | | | | Cg | 76-96 | 0.45 | 0.18 | 0.50 | 0 | 0 | 93 | 6.4 | 99.40 | 0.4 | 0.2 | 3957440 | 0.020768307 | 2.3118 | 3.09 | 38.52052 |
| Sr | 25 | Solos Mediterrâneos Vermelhos e Amarelos | Sandy loam | Ap | 0-20 | 3.2 | 1.28 | 0.17 | 0.4 | 29 | 26.1 | 51.6 | 77.70 | 13.1 | 9.2 | 10412000 | 0.014077102 | 0.948 | 6 | 24.46415 |
| | | | | B | 20-35 | 0.96 | 0.384 | 0.41 | 0.42 | 48.5 | 29.3 | 42.2 | 71.50 | 16 | 12.5 | 10412000 | 0.020573694 | 1.1625 | 4 | 22.50429 |
| | | | | BC1cn | 35-75 | 0.55 | 0.22 | 0.48 | 0.48 | 62 | 31.4 | 23.2 | 54.60 | 15.5 | 29.9 | 7184720 | 0.022971668 | 3.2679 | 5 | 14.68215 |
| | | | | BC2cn | 75-140 | 0.58 | 0.232 | 0.48 | 0.4 | 67.5 | 33.4 | 14.7 | 48.10 | 11 | 40.9 | 5551870 | 0.019667572 | 4.4174 | 7.1 | 2.573031 |
| Vc | 26 | Solos Calcários Vermelhos | Sandy clay loam | Ap | 0-40 | 1.72 | 0.688 | 0.30 | 0.48 | 24 | 18.8 | 34.7 | 53.50 | 18.4 | 28.1 | 9393870 | 0.014011058 | 2.4839 | 19.19 | 12.09034 |
| | | | | B | 40-60 | 1.08 | 0.432 | 0.39 | 0.5 | 54 | 14.9 | 29 | 43.90 | 19.9 | 36.2 | 8298900 | 0.015965351 | 3.341 | 16.98 | 8.884228 |
| | | | | C | 60-? | 0 | 0 | 0.60 | 0.44 | 71 | 18.7 | 45.8 | 64.50 | 17.9 | 17.6 | 10412000 | | 1.494 | 7.5 | 17.81277 |
| Vcm | 27 | Solos Mediterrâneos Vermelhos e Amarelos | Sandy clay loam | Ap | 0-20 | 1.6 | 0.64 | 0.32 | 0.47 | 20 | 39.4 | 17.5 | 56.90 | 16.4 | 26.7 | 6089750 | 0.009254051 | 3.3905 | 17.25 | 13.49688 |
| | | | | B | 20-45 | 1.1 | 0.44 | 0.39 | 0.52 | 14 | 13.6 | 25.3 | 38.90 | 12.8 | 48.3 | 7588130 | 0.014664024 | 3.8026 | 25.49 | 1.031562 |
| | | | | C | 45-? | 0.34 | 0.136 | 0.52 | 0.46 | 31 | 17.8 | 50.2 | 68.00 | 14.4 | 23.6 | 10412000 | 0.034257992 | 1.884 | 17.71 | 18.16318 |
| Vcx | 28 | Solos Calcários Vermelhos | Clay | Ap | 0-15 | 2 | 0.8 | 0.27 | 0.53 | 38 | 4.8 | 18.7 | 23.50 | 27.5 | 49 | 3352630 | 0.006907431 | 3.5 | 31.48 | 0.959739 |
| | | | | B | 20-30 | 1.6 | 0.64 | 0.32 | 0.54 | 30 | 6.6 | 16.4 | 23.00 | 22.7 | 54.3 | 3060441 | 0.006902574 | 3.5 | 27.69 | 0.590296 |
| | | | | C | 30-65 | 0.35 | 0.14 | 0.52 | 0.48 | 30 | 17.4 | 29.7 | 47.10 | 26.3 | 26.6 | 8433370 | 0.034257992 | 2.6764 | 18.31 | 9.859197 |
| Vx | 29 | Solos Mediterrâneos Vermelhos e Amarelos | Clay loam | Ap | 0-18 | 4.62 | 1.848 | 0.09 | 0.5 | 38 | 14.9 | 13.8 | 28.70 | 41 | 30.3 | 4383561 | 0.00721281 | 3.5 | 15.4 | 4.828969 |
| | | | | B2 | 18-65 | 1.04 | 0.416 | 0.40 | 0.52 | 32 | 17.5 | 10.3 | 27.80 | 30.6 | 41.6 | 3760592 | 0.006932642 | 3.5 | 13.42 | 2.327277 |

**Quadro II.7** – Conteúdo do ficheiro do solo tipo A – Aluviossolos Modernos.

| **Ficheiro A.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.11, initial sat.=0.44. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Aluviossolos_Modernos |
| 1 1 |
| 'A' 'Sandy loam' 3 0.11 0.44 10412000.00 0.013984954 1.29 13.95 |
| 450.0 55.4 14.5 4.27 8.1 0.0 |
| 950.0 79.4 8.4 4.27 9.4 0.0 |
| 1300.0 42.1 21.6 4.27 15.6 0.0 |

**Quadro II.8** – Conteúdo do ficheiro do solo tipo Arq – Afloramentos Rochosos.

| **Ficheiro ARQ.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.60, initial sat.=0.00. If you have |
| # any question, please contact Ana Leite, Ph: 96959272 |
| Afloramentos Rochosos |
| 1 1 |
| 'ARQ' 'NE' 0 0.60 0.00 0.00 0.0 0.00 0.00 |
| 0 0.0 0.0 0.0 0.0 0.0 |

**Quadro II.9** – Conteúdo do ficheiro do solo tipo ASoc – Áreas Sociais.

| **Ficheiro AS.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.60, initial sat.=0.00. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Areas Sociais |
| 1 1 |
| 'AS' 'NE' 0 0.60 0.00 0.00 0.0 0.00 0.00 |
| 0 0.0 0.0 0.0 0.0 0.0 |

**Quadro II.10** – Conteúdo do ficheiro do solo tipo At – Aluviossolos Antigos.

| **Ficheiro AT.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.21, initial sat.=0.45. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Aluviossolos_Antigos |
| 1 1 |
| 'AT' 'Sandy loam' 3 0.21 0.45 10412000.00 0.014293043 1.52 17.87 |
| 150.0 64.9 18.0 2.60 8.0 10.0 |
| 500.0 65.1 15.8 2.60 8.1 5.0 |
| 900.0 68.1 19.3 2.60 8.3 20.0 |

**Quadro II.11** – Conteúdo do ficheiro do solo tipo Atl – Aluviossolos Antigos.

| **Ficheiro ATL.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.31, initial sat.=0.37. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Aluviossolos_Antigos |
| 1 1 |
| 'ATL' 'Loamy Sand' 2 0.31 0.37 5417400.00 0.008059721 2.25 32.88 |
| 400.0 88.0 6.1 1.64 2.4 4.5 |
| 800.0 86.1 9.1 1.64 4.6 5.0 |

**Quadro II.12** – Conteúdo do ficheiro do solo tipo Bvc – Barros Castanhos.

| **Ficheiro BVC.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.37, initial sat.=0.54. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Barros_Cast_Averm |
| 1 1 |
| 'BVC ' 'Clay' 3 0.37 0.54 3082493.00 0.006902789 3.50 0.61 |
| 250.0 23.9 53.9 1.19 25.0 47.0 |
| 400.0 21.3 58.6 1.19 23.5 13.1 |
| 550.0 36.8 46.0 1.19 18.8 5.2 |

**Quadro II.13** – Conteúdo do ficheiro do solo tipo Cb – Barros Castanhos Avermelhados.

| **Ficheiro CB.sol** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 95.7 | | | | | | | | |
| # | | | | | | | | |
| # This WEPP soil input file was made using Cardoso (1965) data | | | | | | | | |
| # base. Assumptions: soil albedo=0.39, initial sat.=0.45. If you have | | | | | | | | |
| # any question, please contact Ana Leite, Ph: 969592727 | | | | | | | | |
| Soil Name: Barros_Cast_Averm | | | | | | | | |
| 1 1 | | | | | | | | |
| 'Cb' | 'Sandy loam' | 4 | 0.39 | 0.45 | 9297820.00 | .017334024 | 1.96 | 18.92 |
| 200.0 | 70.2 | 19.6 | 1.10 | 23.5 | 0.0 | | | |
| 400.0 | 68.0 | 21.8 | 0.77 | 25.0 | 0.0 | | | |
| 600.0 | 65.5 | 24.2 | 0.52 | 24.7 | 0.0 | | | |
| 850.0 | 76.1 | 14.1 | 0.12 | 20.5 | 0.0 | | | |

**Quadro II.14** – Conteúdo do ficheiro do solo tipo Cd – Solos Hidromórficos.

| **Ficheiro CD.sol** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 95.7 | | | | | | | | |
| # | | | | | | | | |
| # This WEPP soil input file was made using Cardoso (1965) data | | | | | | | | |
| # base. Assumptions: soil albedo=0.43, initial sat.=0.44. If you have | | | | | | | | |
| # any question, please contact Ana Leite, Ph: 969592727 | | | | | | | | |
| Soil Name: Solos_Hidromorficos | | | | | | | | |
| 1 1 | | | | | | | | |
| 'CD' | 'Sandy loam' | 4 | 0.43 | 0.44 | 7953120.00 | 0.018067745 | 2.24 | 18.61 |
| 300.0 | 66.7 | 17.6 | 0.86 | 8.3 | 8.0 | | | |
| 750.0 | 58.2 | 28.5 | 0.36 | 22.3 | 16.0 | | | |
| 900.0 | 56.0 | 36.2 | 0.94 | 24.6 | 0.0 | | | |
| 1200.0 | 83.2 | 10.1 | 0.94 | 28.0 | 8.5 | | | |

**Quadro II.15** – Conteúdo do ficheiro do solo tipo Ep – Litossolos.

| **Ficheiro EP.sol** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 95.7 | | | | | | | | |
| # | | | | | | | | |
| # This WEPP soil input file was made using Cardoso (1965) data | | | | | | | | |
| # base. Assumptions: soil albedo=0.41, initial sat.=0.42. If you have | | | | | | | | |
| # any question, please contact Ana Leite, Ph: 969592727 | | | | | | | | |
| Soil Name: Litossolos | | | | | | | | |
| 1 1 | | | | | | | | |
| 'EP' | 'Sandy loam' | 1 | 0.41 | 0.42 | 10412000.00 | 0.020573694 | 1.14 | 19.42 |
| 100.0 | 71.0 | 12.1 | 0.96 | 20.1 | 18.5 | | | |

**Quadro II.16** – Conteúdo do ficheiro do solo tipo Ex – Litossolos.

| **Ficheiro EX.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.34, initial sat.=0.48. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Litossolos |
| 1 1 |
| 'EX' 'Sandy clay loam' 1 0.34 0.48 6858150.00 0.011413458 3.09 10.85 |
| 100.0 50.2 25.6 1.39 20.0 30.0 |

**Quadro II.17** – Conteúdo do ficheiro do solo tipo Pac – Solos Mediterrâneos Pardos.

| **Ficheiro PAC.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.45, initial sat.=0.46. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Mediterraneos_Pardos |
| 1 1 |
| 'PAC' 'Sandy clay loam ' 4 0.45 0.46 9970170.00 0.023934999 2.10 16.54 |
| 250.0 62.8 24.8 0.70 10.4 0.0 |
| 430.0 59.2 27.2 0.43 11.5 0.0 |
| 750.0 37.8 47.2 0.34 23.5 0.0 |
| 1150.0 36.7 40.8 0.34 26.9 0.0 |

**Quadro II.18** – Conteúdo do ficheiro do solo tipo Pag – Solos Mediterrâneos Pardos.

| **Ficheiro PAG.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.42, initial sat.=0.40. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Mediterraneos_Pardos |
| 1 1 |
| 'PAG' 'Loamy sand' 4 0.42 0.40 7684180.00 0.016950058 1.85 26.97 |
| 150.0 83.6 10.4 0.91 7.9 0.0 |
| 250.0 73.0 17.6 0.37 6.4 0.0 |
| 400.0 56.3 25.4 0.26 8.5 0.0 |
| 1000.0 52.4 32.0 0.12 8.6 0.0 |

**Quadro II.19** – Conteúdo do ficheiro do solo tipo Pb – Solos Hidromórficos.

| **Ficheiro PB.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.29, initial sat.=0.50. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Hidromorficos |
| 1 1 |
| 'PB' 'Clay loam' 2 0.29 0.50 7415240.00 0.010550652 3.43 6.11 |
| 150.0 33.3 33.5 1.86 13.3 0.0 |
| 550.0 23.6 47.0 1.28 10.7 0.0 |

**Quadro II.20** – Conteúdo do ficheiro do solo tipo Pcz – Solos Hidromórficos.

| **Ficheiro PCZ.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.34, initial sat.=0.44. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Hidromorficos |
| 1 1 |
| 'PCZ' 'Sandy loam' 3 0.34 0.44 8683100.00 0.014000348 2.05 16.96 |
| 300.0 65.6 18.1 1.44 20.3 12.0 |
| 850.0 43.0 36.3 0.31 23.1 14.0 |
| 1100.0 49.3 38.1 0.31 39.2 65.5 |

**Quadro II.21** – Conteúdo do ficheiro do solo tipo Pm – Solos Mediterrâneos Pardos.

| **Ficheiro PM.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.38, initial sat.=0.44. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Mediterraneos_Pardos |
| 1 1 |
| 'PM' 'Sandy loam' 4 0.38 0.44 9643600.00 0.017257201 1.78 18.82 |
| 200.0 68.2 18.5 1.17 11.0 0.0 |
| 400.0 37.6 48.2 0.72 23.7 0.0 |
| 700.0 49.2 34.4 0.45 22.7 0.0 |
| 1000.0 83.9 10.3 0.07 23.4 0.0 |

**Quadro II.22** – Conteúdo do ficheiro do solo tipo Ppg – Solos Litólicos.

| **Ficheiro PPG.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.43, initial sat.=0.42. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Litolicos |
| 1 1 |
| 'PPG' 'Sandy loam' 3 0.43 0.42 9643600.00 0.017257201 1.78 18.82 |
| 200.0 74.8 12.1 0.84 8.0 0.0 |
| 500.0 71.6 14.2 0.28 7.8 0.0 |
| 750.0 76.6 12.2 0.16 12.3 0.0 |

**Quadro II.23** – Conteúdo do ficheiro do solo tipo Ppm – Solos Mediterrâneos Pardos.

| **Ficheiro PPM.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.18, initial sat.=0.38. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Mediterraneos |
| 1 1 |
| 'PPM' 'Sandy loam' 4 0.18 0.38 7895490.00 0.010181145 1.47 22.08 |
| 150.0 72.2 5.6 3.05 5.3 40.0 |
| 350.0 71.0 9.2 3.05 4.2 12.5 |
| 500.0 51.2 34.0 3.05 12.5 12.5 |
| 850.0 69.9 16.1 3.05 11.3 5.0 |

**Quadro II.24** – Conteúdo do ficheiro do solo tipo Ps – Solos Hidromórficos.

| **Ficheiro PS.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.43, initial sat.=0.42. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Hidromorficos |
| 1 1 |
| 'PS' 'Sandy loam' 6 0.43 0.42 8779150.00 0.019357745 1.60 21.56 |
| 100.0 72.5 11.7 0.86 7.1 0.0 |
| 250.0 66.0 17.0 0.46 10.1 0.0 |
| 450.0 58.0 26.8 0.35 13.4 0.0 |
| 800.0 55.9 31.1 0.12 17.7 0.0 |
| 950.0 60.3 31.2 0.12 17.7 0.0 |
| 1200.0 50.9 37.2 0.12 33.5 0.0 |

**Quadro II.25** – Conteúdo do ficheiro do solo tipo Pv – Solos Mediterrâneos Vermelhos Amarelados.

| **Ficheiro PV.sol** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 95.7 | | | | | | | | |
| # | | | | | | | | |
| # This WEPP soil input file was made using Cardoso (1965) data | | | | | | | | |
| # base. Assumptions: soil albedo=0.31, initial sat.=0.49. If you have | | | | | | | | |
| # any question, please contact Ana Leite, Ph: 969592727 | | | | | | | | |
| Soil Name: Solos_Mediterraneos_Verm_Amar | | | | | | | | |
| 1 | 1 | | | | | | | |
| 'PV' | 'Clay loam ' | 2 | 0.31 | 0.49 | 8759940.00 | 0.013279721 | 2.92 | 9.32 |
| 200.0 | 44.1 | 31.8 | 1.64 | 12.4 | 0.0 | | | |
| 400.0 | 23.9 | 54.3 | 0.93 | 24.9 | 0.0 | | | |

**Quadro II.26** – Conteúdo do ficheiro do solo tipo Px – Solos Mediterrâneos Pardos.

| **Ficheiro PX.sol** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 95.7 | | | | | | | | |
| # | | | | | | | | |
| # This WEPP soil input file was made using Cardoso (1965) data | | | | | | | | |
| # base. Assumptions: soil albedo=0.41, initial sat.=0.44. If you have | | | | | | | | |
| # any question, please contact Ana Leite, Ph: 969592727 | | | | | | | | |
| Soil Name: Solos_Mediterraneos_Pardos | | | | | | | | |
| 1 | 1 | | | | | | | |
| 'PX' | 'Sandy loam ' | 3 | 0.41 | 0.44 | 7741810.00 | 0.016165095 | 2.22 | 16.06 |
| 200.0 | 61.6 | 16.3 | 0.98 | 10.2 | 18.0 | | | |
| 400.0 | 54.9 | 24.9 | 0.44 | 14.0 | 16.5 | | | |
| 600.0 | 27.4 | 39.7 | 0.15 | 17.3 | 64.9 | | | |

**Quadro II.27** – Conteúdo do ficheiro do solo tipo Sag – Solos Hidromórficos**.**

| **Ficheiro SAG.sol** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 95.7 | | | | | | | | |
| # This WEPP soil input file was made using Cardoso (1965) data | | | | | | | | |
| # base. Assumptions: soil albedo=0.24, initial sat.=0.40. If you have | | | | | | | | |
| # any question, please contact Ana Leite, Ph: 969592727 | | | | | | | | |
| Soil Name: Solos_Hidromorficos | | | | | | | | |
| 1 | 1 | | | | | | | |
| 'SAG' | 'Sandy loam ' | 5 | 0.24 | 0.40 | 8779150.00 | 0.011991454 | 1.45 | 20.05 |
| 120.0 | 71.8 | 9.3 | 2.29 | 15.7 | 0.0 | | | |
| 300.0 | 67.6 | 14.6 | 0.75 | 9.8 | 0.0 | | | |
| 600.0 | 36.3 | 46.8 | 0.72 | 11.1 | 0.0 | | | |
| 850.0 | 29.0 | 51.8 | 0.62 | 12.3 | 0.0 | | | |
| 1100.0 | 35.2 | 45.9 | 0.52 | 11.9 | 0.0 | | | |

**Quadro II.28** – Conteúdo do ficheiro do solo tipo Sb – Solos de Baixas.

| **Ficheiro SB.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.19, initial sat.=0.45. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Baixas |
| 1 1 |
| 'SB' 'Loam ' 2 0.19 0.45 7492080.00 0.009596007 2.25 10.76 |
| 350.0 49.1 15.7 2.90 14.9 12.5 |
| 750.0 39.8 23.7 2.90 10.9 5.0 |

**Quadro II.29** – Conteúdo do ficheiro do solo tipo Sba – Solos de Baixas.

| **Ficheiro SBA.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.19, initial sat.=0.45. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Baixas |
| 1 1 |
| 'SBA' 'Loam ' 2 0.19 0.45 7492080.00 0.009596007 2.25 10.76 |
| 350.0 49.1 15.7 2.90 14.9 12.5 |
| 750.0 39.8 23.7 2.90 10.9 5.0 |

**Quadro II.30** – Conteúdo do ficheiro do solo tipo Sp – Solos Turfosos de Muck.

| **Ficheiro SP.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.00, initial sat.=0.45. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Turfosos_Muck |
| 1 1 |
| 'SP' 'Loam ' 3 0.00 0.45 5513450.00 0.00632 2.72 7.61 |
| 220.0 40.7 13.7 18.44 23.2 0.0 |
| 350.0 44.5 9.7 23.10 34.5 0.0 |
| 750.0 99.4 0.2 0.45 3.1 0.0 |

**Quadro II.31** – Conteúdo do ficheiro do solo tipo Sr – Solos Mediterrâneos Vermelhos Amarelados.

| **Ficheiro SR.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.17, initial sat.=0.40. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| # Soil Name: Solos_Mediterraneos_Verm_Amar |
| 1 1 |
| 'SR' 'Sandy loam' 4 0.17 0.40 10412000.00 0.014077102 0.95 24.46 |
| 200.0 77.7 9.2 3.20 6.0 29.0 |
| 350.0 71.5 12.5 0.96 4.0 48.5 |
| 750.0 54.6 29.9 0.55 5.0 62.0 |
| 1400.0 48.1 40.9 0.58 7.1 67.5 |

**Quadro II.32** – Conteúdo do ficheiro do solo tipo Vc – Solos Calcários Vermelhos.

| **Ficheiro VC.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.30, initial sat.=0.48. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Calcarios_Verm |
| 1 1 |
| 'VC' 'Sandy clay loam' 3 0.30 0.48 9393870.00 0.014011058 2.48 12.09 |
| 400.0 34.7 28.1 1.72 19.2 24.0 |
| 600.0 29.0 36.2 1.08 17.0 54.0 |
| 800.0 45.8 17.6 1.08 7.5 71.0 |

**Quadro II.33** – Conteúdo do ficheiro do solo tipo Vcm – Solos Mediterrâneos Vermelhos Amararelados.

| **Ficheiro VCM.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.32, initial sat.=0.47. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Mediterraneos_Verm_Amar |
| 1 1 |
| 'VCM' 'Sandy clay loam' 3 0.32 0.47 6089750.00 0.009254051 3.39 13.50 |
| 200.0 56.9 26.7 1.60 17.3 20.0 |
| 450.0 38.9 48.3 1.10 25.5 14.0 |
| 750.0 68.0 23.6 0.34 17.7 31.0 |

**Quadro II.34** – Conteúdo do ficheiro do solo tipo Vcx – Solos Calcários Vermelhos.

| **Ficheiro VCX.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.27, initial sat.=0.53. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Calcarios_Verm |
| 1 1 |
| 'VCX' 'Clay' 3 0.27 0.53 3352630.00 0.006907431 3.50 0.96 |
| 150.0 23.5 49.0 2.00 31.5 38.0 |
| 300.0 23.0 54.3 1.60 27.7 30.0 |
| 650.0 47.1 26.6 0.35 18.3 30.0 |

**Quadro II.35** – Conteúdo do ficheiro do solo tipo Vx – Solos Mediterrâneos Vermelhos Amarelados.

| **Ficheiro VX.sol** |
|---|
| 95.7 |
| # |
| # This WEPP soil input file was made using Cardoso (1965) data |
| # base. Assumptions: soil albedo=0.09, initial sat.=0.50. If you have |
| # any question, please contact Ana Leite, Ph: 969592727 |
| Soil Name: Solos_Mediterraneos_Verm_Amar |
| 1 1 |
| 'VX' 'Clay loam' 2 0.09 0.50 4383561.00 0.00721281 3.50 4.83 |
| 180.0 28.7 30.3 4.62 15.4 38.0 |
| 650.0 27.8 41.6 1.04 13.4 32.0 |

**Quadro II.36** – Conteúdo do ficheiro de utilização do solo – Culturas anuais de sequeiro.

| **Ficheiro winter wheat, Conventional till.rot** |
|---|
| # |
| # WEPP rotation saved on: Thu Mar 29 08:23:35 AM 2001 |
| # |
| # Created with WEPPWIN verion: Mar 14 2001 |
| # |
| Version = 98.7 |
| Name = Winter Wheat-Conventional |
| Description { |
| } |
| Color = 128 128 255 |
| LandUse = 1 |
| InitialConditions = IniCropDef.Aft_31305 |
| |
| Operations { |
| 8 1 1 1 Harvest-Annual CropDef.Whe_27068 {} |
| 9 1 1 1 Tillage OpCropDef.MOPLUF {0.050000, 2} |
| 9 15 1 1 Tillage OpCropDef.DIOFF10 {0.050000, 2} |
| 9 18 1 1 Tillage OpCropDef.FIEL0001 {0.050000, 2} |
| 9 18 1 1 Tillage OpCropDef.HASP {0.050000, 2} |
| 9 20 1 1 Tillage OpCropDef.FIEL0001 {0.050000, 2} |
| 9 20 1 1 Tillage OpCropDef.HASP {0.050000, 2} |
| 9 25 1 1 Tillage OpCropDef.HASPTCT {0.050000, 2} |
| 10 1 1 1 Tillage OpCropDef.DRDDO {0.050000, 2} |
| 10 1 1 1 Plant-Annual CropDef.Whe_27068 {1.200000} |
| } |

**Quadro II.37** – Conteúdo do ficheiro de utilização do solo – Florestas de folhosas e Sistemas agro-florestais.

| **Ficheiro Tree-20 yr old forest.rot** |
|---|
| # |
| # WEPP rotation saved on: Thu Oct 31 03:01:32 PM 2002 |
| # |
| # Created with WEPPWIN verion: Jul 31 2002 |
| # |
| Version = 98.7 |
| Name = Tree, 20 Year old forest |
| Description { |
| } |
| Color = 0 128 0 |
| LandUse = 1 |
| InitialConditions = IniCropDef.Tre_2239 |
| |
| Operations { |
| } |

**Quadro II.38** – Conteúdo do ficheiro de utilização do solo – Olivais, Vinhas, Planos de água, Tecido urbano descontínuo, Vegetação esclerofítica, Culturas anuais associadas a culturas permanentes, Pastagens naturais, Sistemas culturais e parcelares complexos, Agricultura com espaços naturais, Pomares, Áreas em construção e Áreas de extracção mineira.

| **Ficheiro grass.rot** |
|---|
| # |
| # WEPP rotation saved on: Mon Nov 13 04:47:41 PM 2000 |
| # |
| # Created with WEPPWIN verion: Nov 13 2000 |
| # |
| Version = 98.7 |
| Name = grass (continuous) |
| Description { |
| } |
| Color = 0 128 0 |
| LandUse = 1 |
| InitialConditions = IniCropDef.gra_3425 |
| |
| Operations { |
| } |

**Quadro II.39** – Conteúdo do ficheiro de utilização do solo – Culturas anuais de regadio

| **Ficheiro corn,soybean-fall mulch till.rot** |
|---|
| # |
| # WEPP rotation saved on: Fri Nov 17 01:42:57 PM 2000 |
| # |
| # Created with WEPPWIN verion: Nov 14 2000 |
| # |
| Version = 98.7 |
| Name = corn,soybean - fall chisel plow |
| Description { |
| } |
| Color = 0 255 0 |
| LandUse = 1 |
| InitialConditions = IniCropDef.Default |
| |
| Operations { |
| 4 25 1 1 Tillage OpCropDef.FCSTACDP {0.101600, 2} |
| 5 5 1 1 Tillage OpCropDef.TAND0002 {0.101600, 2} |
| 5 10 1 1 Tillage OpCropDef.PLDDO {0.050800, 2} |
| 5 10 1 1 Plant-Annual CropDef.Corn {0.762000} |
| 6 5 1 1 Tillage OpCropDef.CULTMUSW {0.076200, 2} |
| 10 15 1 1 Harvest-Annual CropDef.Corn {} |
| 11 1 1 1 Tillage OpCropDef.CHISSTSP {0.203200, 1} |
| 4 25 2 1 Tillage OpCropDef.FCSTACDP {0.101600, 1} |
| 5 1 2 1 Tillage OpCropDef.TAND0002 {0.101600, 2} |
| 5 10 2 1 Tillage OpCropDef.PLDDO {0.050800, 2} |
| 5 10 2 1 Plant-Annual CropDef.soybean2 {0.762000} |
| 6 5 2 1 Tillage OpCropDef.CULTMUSW {0.101600, 2} |
| 10 15 2 1 Harvest-Annual CropDef.soybean2 {} |
| 11 1 2 1 Tillage OpCropDef.CHISSTSP {0.203200, 2} |
| } |

**Quadro II.40** – Conteúdo do ficheiro de utilização do solo – Espaços florestais degradados, cortes e novas plantações.

| **Ficheiro 25% cover-high severity burn.rot** |
|---|
| # |
| # WEPP rotation saved on: Wed Feb 19 06:27:34 PM 2003 |
| # |
| # Created with WEPPWIN verion: Jul 31 2002 |
| # |
| Version = 98.7 |
| Name = High severity fire every year-disturbed WEPP |
| Description { |
| } |
| Color = 0 128 0 |
| LandUse = 1 |
| InitialConditions = IniCropDef.Hig_9241 |
| |
| Operations { |
| 5 1 1 1 Plant-Annual CropDef.Hig_8908 {1.200000} |
| 8 15 1 1 Harvest-Annual CropDef.Hig_8908 {} |
| } |

**Quadro II.41** – Conteúdo do ficheiro de utilização do solo – Pastagens.

| **Ficheiro alfalfa with cuttings.rot** |
|---|
| # |
| # WEPP rotation saved on: Fri Mar 30 03:33:45 PM 2001 |
| # |
| # Created with WEPPWIN verion: Mar 14 2001 |
| # |
| Version = 98.7 |
| Name = alfalfa with cutting, replant yr 5 |
| Description { |
| } |
| Color = 255 0 128 |
| LandUse = 1 |
| InitialConditions = IniCropDef.Con_17029 |
| |
| Operations { |
| 6 1 1 1 Cut-Perennial CropDef.ALFALFA {} |
| 7 15 1 1 Cut-Perennial CropDef.ALFALFA {} |
| 9 1 1 1 Cut-Perennial CropDef.ALFALFA {} |
| 6 1 2 1 Cut-Perennial CropDef.ALFALFA {} |
| 7 15 2 1 Cut-Perennial CropDef.ALFALFA {} |
| 9 1 2 1 Cut-Perennial CropDef.ALFALFA {} |
| 6 1 3 1 Cut-Perennial CropDef.ALFALFA {} |
| 7 15 3 1 Cut-Perennial CropDef.ALFALFA {} |
| 9 1 3 1 Cut-Perennial CropDef.ALFALFA {} |
| 6 1 4 1 Cut-Perennial CropDef.ALFALFA {} |
| 7 15 4 1 Cut-Perennial CropDef.ALFALFA {} |
| 9 1 4 1 Cut-Perennial CropDef.ALFALFA {} |
| 4 15 5 1 Kill-Perennial CropDef.(null) {} |
| 4 15 5 1 Tillage OpCropDef.MOPL {0.203200, 1} |
| 5 1 5 1 Tillage OpCropDef.FIEL0001 {0.101600, 2} |
| 5 5 5 1 Tillage OpCropDef.DITAFI9 {0.050800, 2} |
| 5 10 5 1 Tillage OpCropDef.DRDDO {0.050800, 2} |
| 5 10 5 1 Plant-Perennial CropDef.ALFALFA {0.000000} |
| 9 5 5 1 Cut-Perennial CropDef.ALFALFA {} |
| } |