

# Agroecology

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| Agroecology ID                              | 381   |
| Crop ID                                     | Guinea Grass  |
| Zone A                                      | true  |
| Zone B                                      | false   |
| Zone C                                      | true  |
| Zone D                                      | false   |
| Zone E                                      | false   |
| Climate Zone                                | tropical wet & dry (Aw); tropical wet (Ar); subtropical humid (Cf); subtropical dry summer (Cs) |
| Altitude Optimal Max (m)                    | NULL  |
| Altitude Optimal Mean (m)                   | NULL  |
| Altitude Optimal Min (m)                    | NULL  |
| Altitude Absolute Max (m)                   | 2,500.00  |
| Altitude Absolute Mean (m)                  | 1,250.00  |
| Altitude Absolute Min (m)                   | NULL  |
| Latitude Optimal Max (Degree North/South)   | 16.00   |
| Latitude Optimal Mean (Degree North/South)  | 17.00   |
| Latitude Optimal Min (Degree North/South)   | 18.00   |
| Latitude Absolute Max (Degree North/South)  | 29.00   |
| Latitude Absolute Mean (Degree North/South) | 28.00   |
| Latitude Absolute Min (Degree North/South)  | 27.00   |
| Light Intensity Optimal Max                 | cloudy skies  |
| Light Intensity Optimal Mean                | NULL  |
| Light Intensity Optimal Min                 | light shade   |
| Light Intensity Absolute Max                | very bright   |
| Light Intensity Absolute Mean               | NULL  |
| Light Intensity Absolute Min                | heavy shade   |
| Optimal Aspect Max (Degree)                 | NULL  |
| Optimal Aspect Mean (Degree)                | NULL  |
| Optimal Aspect Min (Degree)                 | NULL  |
| Optimal Slope Max (%)                       | NULL  |

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| Optimal Slope Mean (%)                 | NULL                   |
| Optimal Slope Min (%)                  | NULL                   |
| Photoperiod Long (>14 hours)           | false                  |
| Photoperiod Neutral (12-14 hours)      | false                  |
| Photoperiod Short (<12 hours)          | true                   |
| Production System                      | large scale/commercial |
| Rainfall Optimal Max (mm/Year)         | 1,800.00               |
| Rainfall Optimal Mean (mm/Year)        | 1,400.00               |
| Rainfall Optimal Minimum (mm/Year)     | 1,000.00               |
| Rainfall Absolute Maximum (mm/Year)    | 4,300.00               |
| Rainfall Absolute Mean (mm/Year)       | 2,475.00               |
| Rainfall Absolute Minimum (mm/Year)    | 650.00                 |
| Heavymetal Toxicity Optimal High       | false                  |
| Heavymetal Toxicity Optimal Moderate   | false                  |
| Heavymetal Toxicity Optimal Low        | false                  |
| Heavymetal Toxicity Absolute High      | false                  |
| Heavymetal Toxicity Absolute Moderate  | false                  |
| Heavymetal Toxicity Absolute Low       | false                  |
| Soil Depth Optimal Deep (>150cm)       | true                   |
| Soil Depth Optimal Medium (50 - 150cm) | false                  |
| Soil Depth Optimal Low (< 50cm)        | false                  |
| Soil Depth Absolute Deep (>150cm)      | false                  |
| Soil Depth Absolute Medium (50-150cm)  | true                   |
| Soil Depth Absolute Low (<50cm)        | false                  |

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| Soil Fertility<br>Optimal High                      | true  |
| Soil Fertility<br>Optimal Moderate                  | false |
| Soil Fertility<br>Optimal Low                       | false |
| Soil Fertility<br>Absolute High                     | false |
| Soil Fertility<br>Absolute<br>Moderate              | false |
| Soil Fertility<br>Absolute Low                      | true  |
| Soil pH Optimal<br>Max                              | 7.00  |
| Soil pH Optimal<br>Mean                             | 6.00  |
| Soil pH Optimal<br>Min                              | 5.00  |
| Soil pH Absolute<br>Max                             | 8.40  |
| Soil pH Absolute<br>Mean                            | 5.95  |
| Soil pH Absolute<br>Min                             | 3.50  |
| Soil Salinity<br>Optimal High<br>(>10 dS/m)         | false |
| Soil Salinity<br>Optimal Moderate<br>(4-10dS/m)     | false |
| Soil Salinity<br>Optimal Low (<4<br>dS/m)           | true  |
| Soil Salinity<br>Absolute High (10<br>dS/m)         | false |
| Soil Salinity<br>Absolute<br>Moderate<br>(4-10dS/m) | true  |
| Soil Salinity<br>Absolute Low (<4<br>dS/m)          | false |
| Soil Texture<br>Optimal Heavy                       | false |
| Soil Texture<br>Optimal Medium                      | true  |
| Soil Texture<br>Optimal Light                       | false |
| Soil Texture<br>Absolute Heavy                      | true  |
| Soil Texture<br>Absolute Medium                     | true  |
| Soil Texture<br>Absolute Light                      | true  |
| Temperature<br>Optimal Max<br>(Degree Celcius)      | 30.00 |
| Temperature<br>Optimal Mean<br>(Degree Celcius)     | 24.50 |

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| Temperature Optimal Min (Degree Celcius)   | 19.00 |
| Temperature Absolute Max (Degree Celcius)  | 35.00 |
| Temperature Absolute Mean (Degree Celcius) | 20.50 |
| Temperature Absolute Min (Degree Celcius)  | 6.00  |
| Texture Clay Max (%)                       | NULL  |
| Texture Clay Mean (%)                      | NULL  |
| Texture Clay Min (%)                       | NULL  |
| Texture Sand Max (%)                       | NULL  |
| Texture Sand Mean (%)                      | NULL  |
| Texture Sand Min (%)                       | NULL  |
| Texture Silt Max (%)                       | NULL  |
| Texture Silt Mean (%)                      | NULL  |
| Texture Silt Min (%)                       | NULL  |
| Water Requirement Max (liter/ha/season)    | NULL  |
| Water Requirement Mean (liter/ha/season)   | NULL  |
| Water Requirement Min (liter/ha/season)    | NULL  |
| Notes                                      | NULL  |
| Metadata ID                                | 3,046 |