

# Agroecology

Agroecology ID	319
Crop ID	Common Sunflower
Zone A	true
Zone B	true
Zone C	true
Zone D	true
Zone E	false
Climate Zone	tropical wet & dry (Aw); steppe or semiarid (Bs); 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)	2,600.00
Altitude Absolute Mean (m)	1,300.00
Altitude Absolute Min (m)	NULL
Latitude Optimal Max (Degree North/South)	NULL
Latitude Optimal Mean (Degree North/South)	10.00
Latitude Optimal Min (Degree North/South)	20.00
Latitude Absolute Max (Degree North/South)	55.00
Latitude Absolute Mean (Degree North/South)	52.50
Latitude Absolute Min (Degree North/South)	50.00
Light Intensity Optimal Max	very bright
Light Intensity Optimal Mean	NULL
Light Intensity Optimal Min	very bright
Light Intensity Absolute Max	clear skies
Light Intensity Absolute Mean	NULL
Light Intensity Absolute Min	very bright
Optimal Aspect Max (Degree)	NULL
Optimal Aspect Mean (Degree)	NULL
Optimal Aspect Min (Degree)	NULL
Optimal Slope Max (%)	NULL

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)	1,000.00
Rainfall Optimal Mean (mm/Year)	800.00
Rainfall Optimal Minimum (mm/Year)	600.00
Rainfall Absolute Maximum (mm/Year)	1,600.00
Rainfall Absolute Mean (mm/Year)	950.00
Rainfall Absolute Minimum (mm/Year)	300.00
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)	false
Soil Depth Optimal Medium (50 - 150cm)	true
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

Soil Fertility Optimal High	true
Soil Fertility Optimal Moderate	false
Soil Fertility Optimal Low	false
Soil Fertility Absolute High	false
Soil Fertility Absolute Moderate	false
Soil Fertility Absolute Low	true
Soil pH Optimal Max	7.50
Soil pH Optimal Mean	6.75
Soil pH Optimal Min	6.00
Soil pH Absolute Max	8.00
Soil pH Absolute Mean	6.75
Soil pH Absolute Min	5.50
Soil Salinity Optimal High (>10 dS/m)	false
Soil Salinity Optimal Moderate (4-10dS/m)	false
Soil Salinity Optimal Low (<4 dS/m)	true
Soil Salinity Absolute High (10 dS/m)	false
Soil Salinity Absolute Moderate (4-10dS/m)	false
Soil Salinity Absolute Low (<4 dS/m)	true
Soil Texture Optimal Heavy	false
Soil Texture Optimal Medium	true
Soil Texture Optimal Light	true
Soil Texture Absolute Heavy	true
Soil Texture Absolute Medium	true
Soil Texture Absolute Light	true
Temperature Optimal Max (Degree Celcius)	34.00
Temperature Optimal Mean (Degree Celcius)	25.50

Temperature Optimal Min (Degree Celcius)	17.00
Temperature Absolute Max (Degree Celcius)	45.00
Temperature Absolute Mean (Degree Celcius)	25.00
Temperature Absolute Min (Degree Celcius)	5.00
Texture Clay Max (%)	<i>NULL</i>
Texture Clay Mean (%)	<i>NULL</i>
Texture Clay Min (%)	<i>NULL</i>
Texture Sand Max (%)	<i>NULL</i>
Texture Sand Mean (%)	<i>NULL</i>
Texture Sand Min (%)	<i>NULL</i>
Texture Silt Max (%)	<i>NULL</i>
Texture Silt Mean (%)	<i>NULL</i>
Texture Silt Min (%)	<i>NULL</i>
Water Requirement Max (liter/ha/season)	<i>NULL</i>
Water Requirement Mean (liter/ha/season)	<i>NULL</i>
Water Requirement Min (liter/ha/season)	<i>NULL</i>
Notes	<i>NULL</i>
Metadata ID	2,967