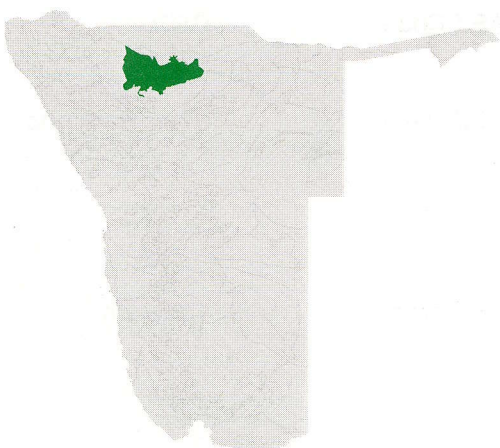


## AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	<b>ETO</b>	
AEZ Name	<b>Ekuma Plains and Etosha Pan</b>	
AEZ Area	19 328 km <sup>2</sup>	

Summary of Landform Information	Codes
Landform type	plateau [t]
General altitude range	1 080 m - 1 100 m
Regional slope range	0 - 2 %
Relative relief	< 10 m: very low relative relief
Drainage pattern	no preferred orientation
Geological substrata	Karoo mudstone and sandstone, eolian sands
SOTER landform	plains [LP]
SOTER lithology	unconsolidated eolian [UE]
	clastic sediments → siltstone, mudstone, claystone [SC3]
	clastic sediments → sandstone, greywacke, arkose [SC2]
	clastic sediments → conglomerate, breccia [SC1]

Summary of Growing Period Information		
Dominant Zone	4	Average growing period 63, dependable growing period 6 days; very short dependable growing period

Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
Dominant	40 % Solonchaks	undifferentiated saline soils, sandy to loamy topsoil
Associated	20 % Gleyic Solonetz	sodic soils with poor drainage, evidence of periodic waterlogging
	10 % Petric Calcisols	sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry moisture regimes
Included	10 % Haplic Arenosols	modal sandy soils, low nutrient status
	10 % Luvic Calcisols	soils with loamy topsoil, high lime concentrations and clay enrichment in the subsoil

Agricultural Potential	
Ranking	4 <sup>th</sup>
Suitability	large stock grazing