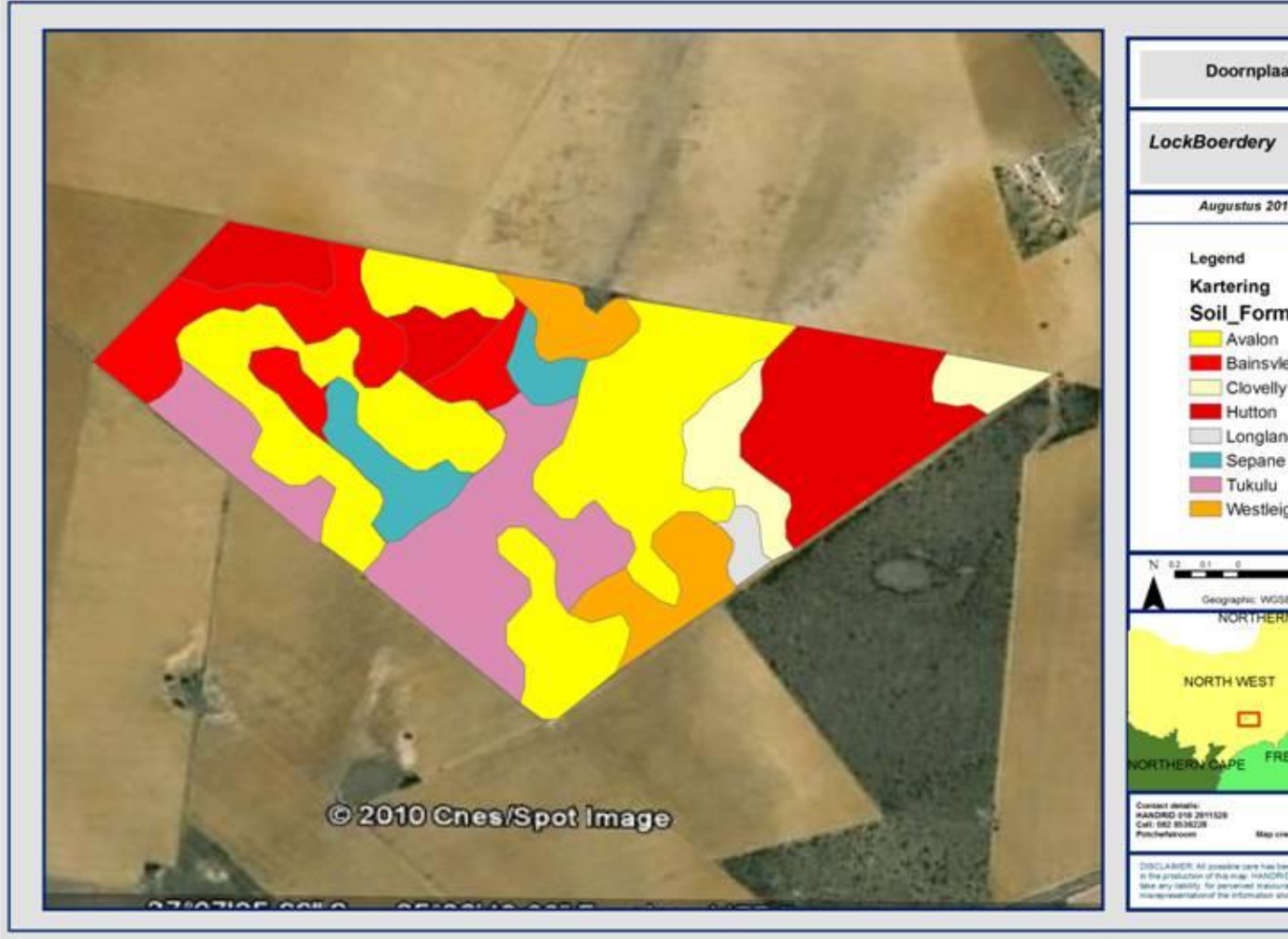
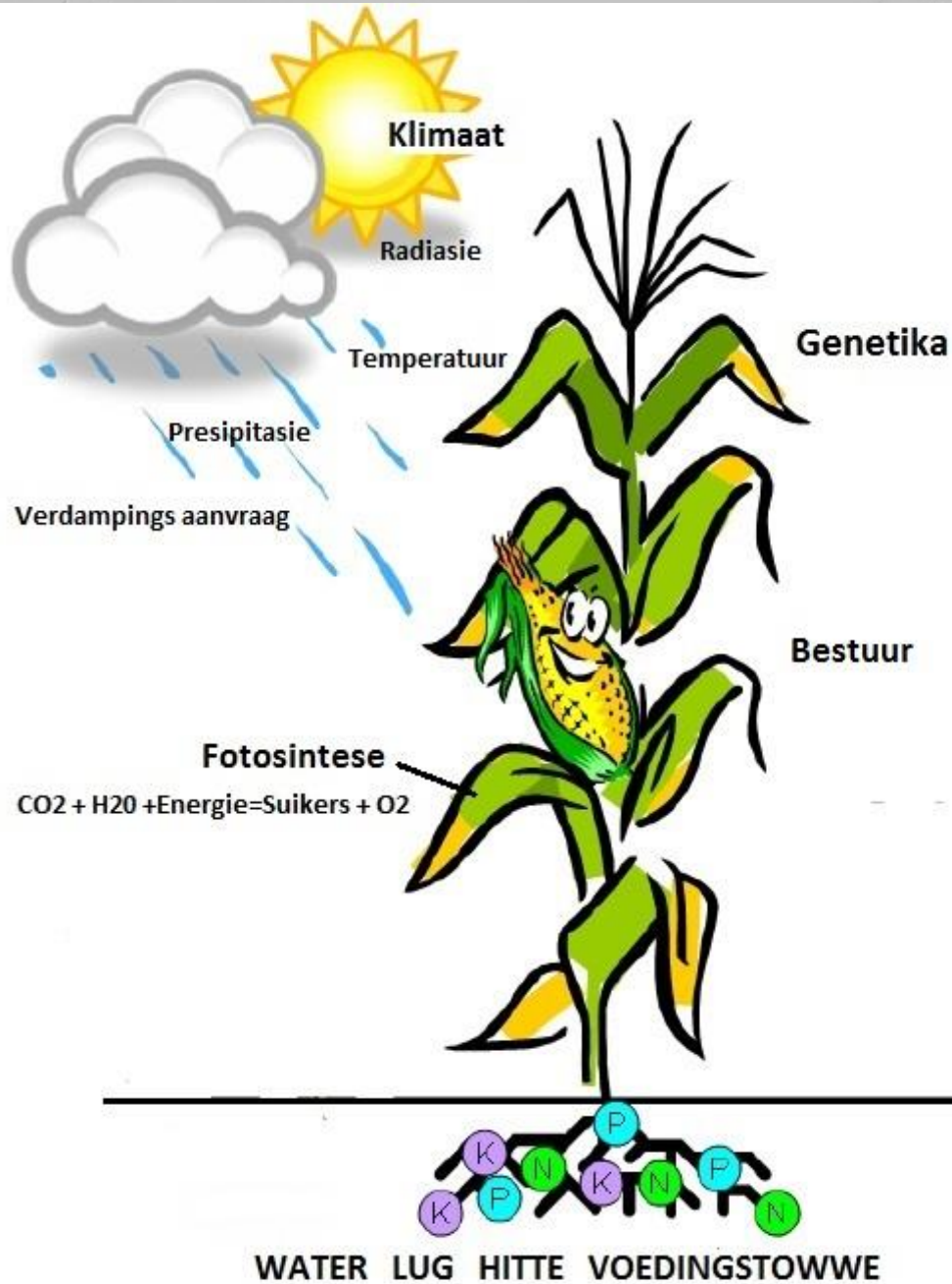


A grayscale topographic map of South Africa, showing the country's coastline, major rivers, and mountainous terrain. The map is centered on the country, with the Atlantic Ocean to the west and the Indian Ocean to the east. The text "Grondopnames (Kartering)" is overlaid in the center of the map.

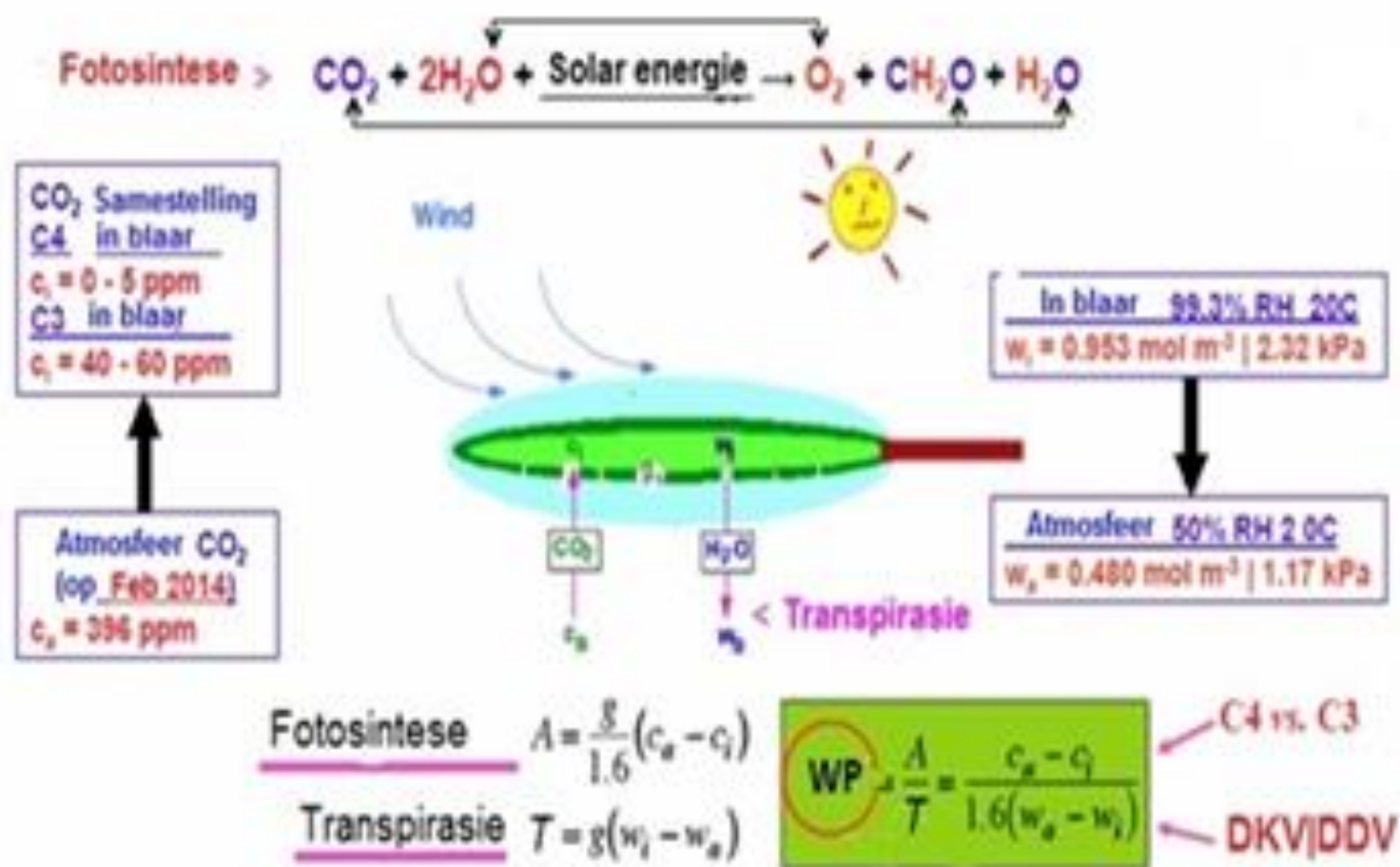
Grondopnames (Kartering)



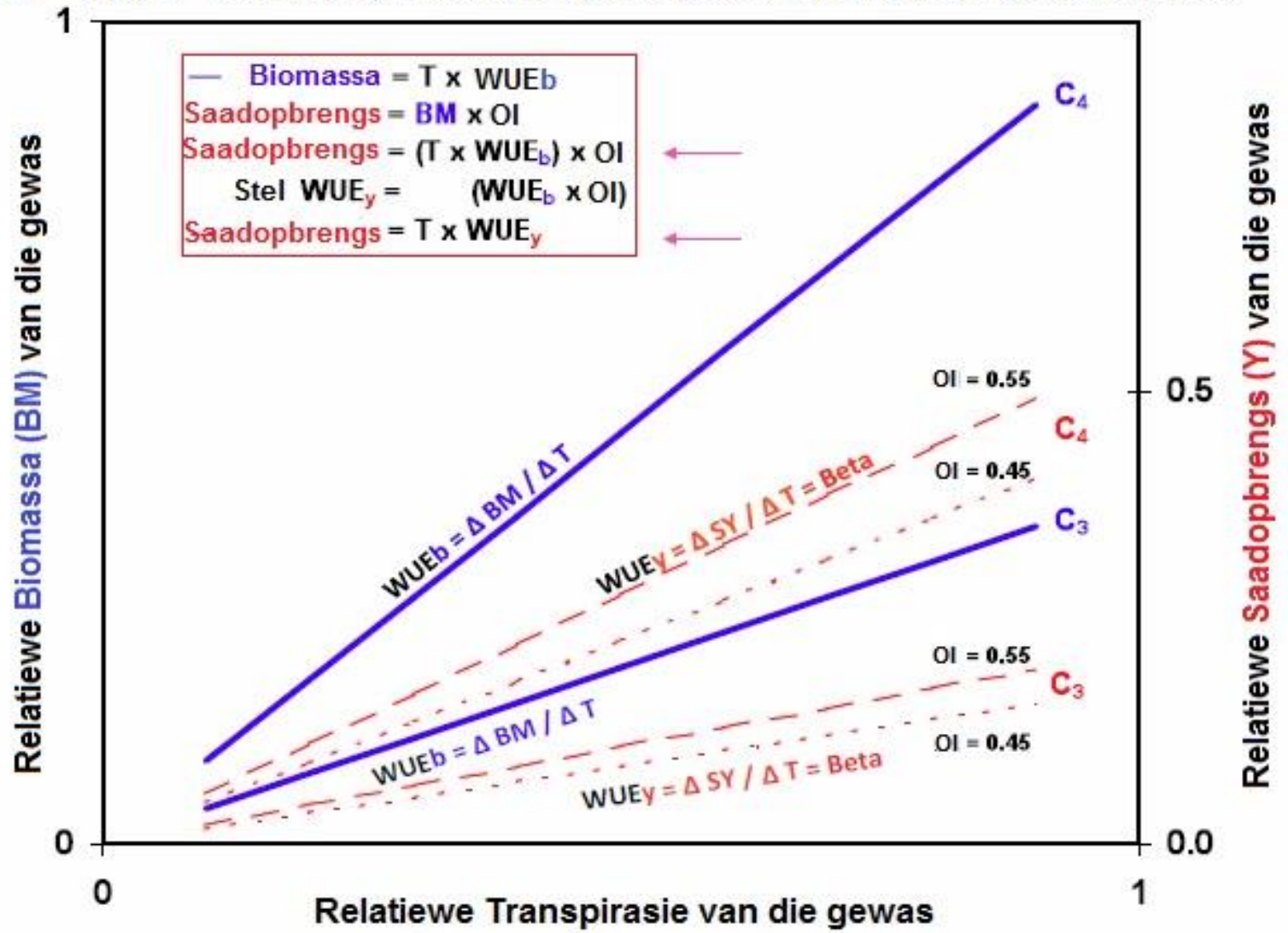
FAKTORE WAT OPBRENGS DRYF



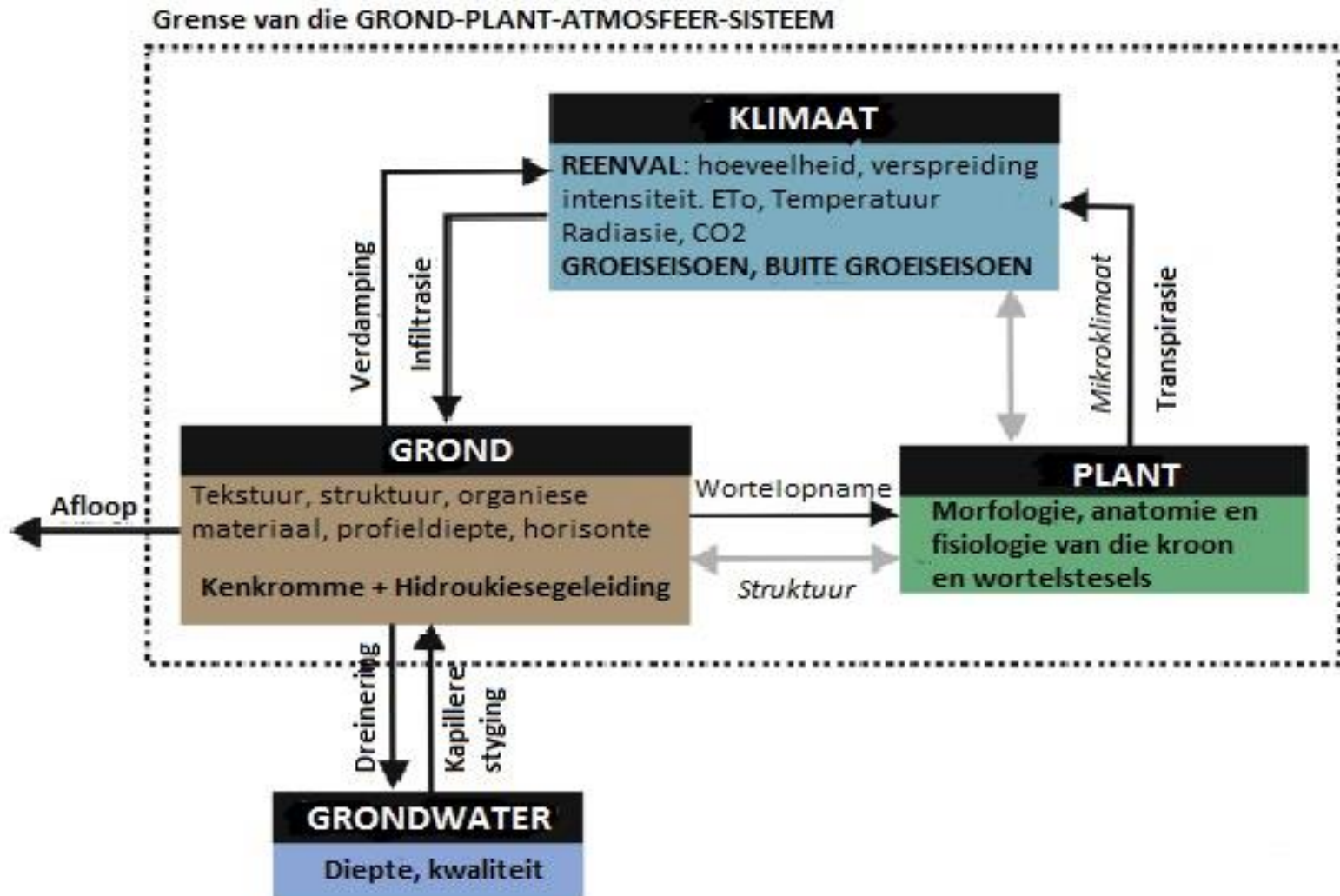
Verband tussen biomassa en watergebruik



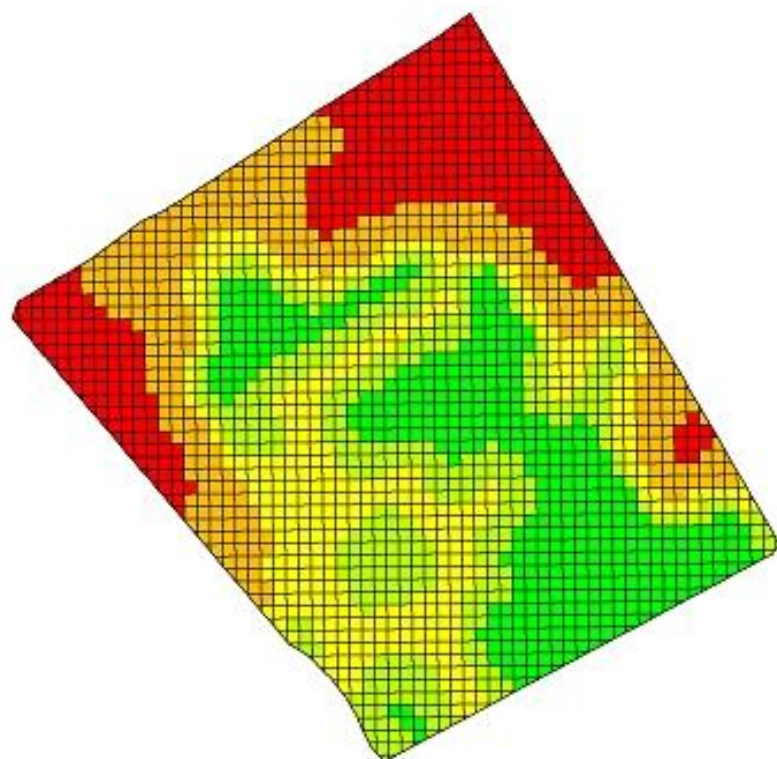
WP = WUE = verandering in massa van gewas per eenheids verandering in transpirasie



Subsisteme in die grond-plant-atmosfeer-omgewing

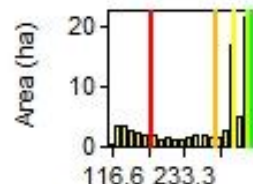
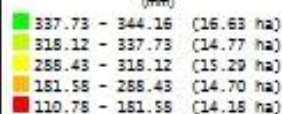


Grondkartering 2009 - L01(Fisies)



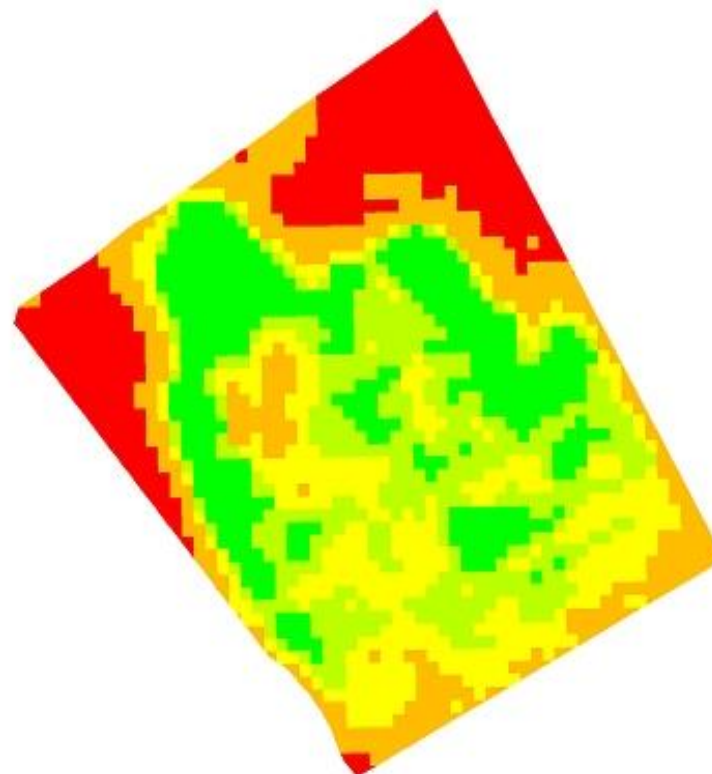
Grower : Pieter Renier
Farm : Blesleslaagte
Field : L01
Year : 2009
Operation : Grondkartering
Crop / Product : Fisies
Op. Instance : Data
GPS Count : 2017

Profielbeskikbarewater
(mm)



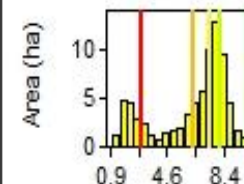
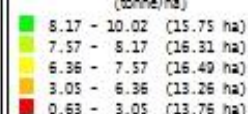
Profielbeskikbarewater (mm)

Grain Harvest 2012 - L01



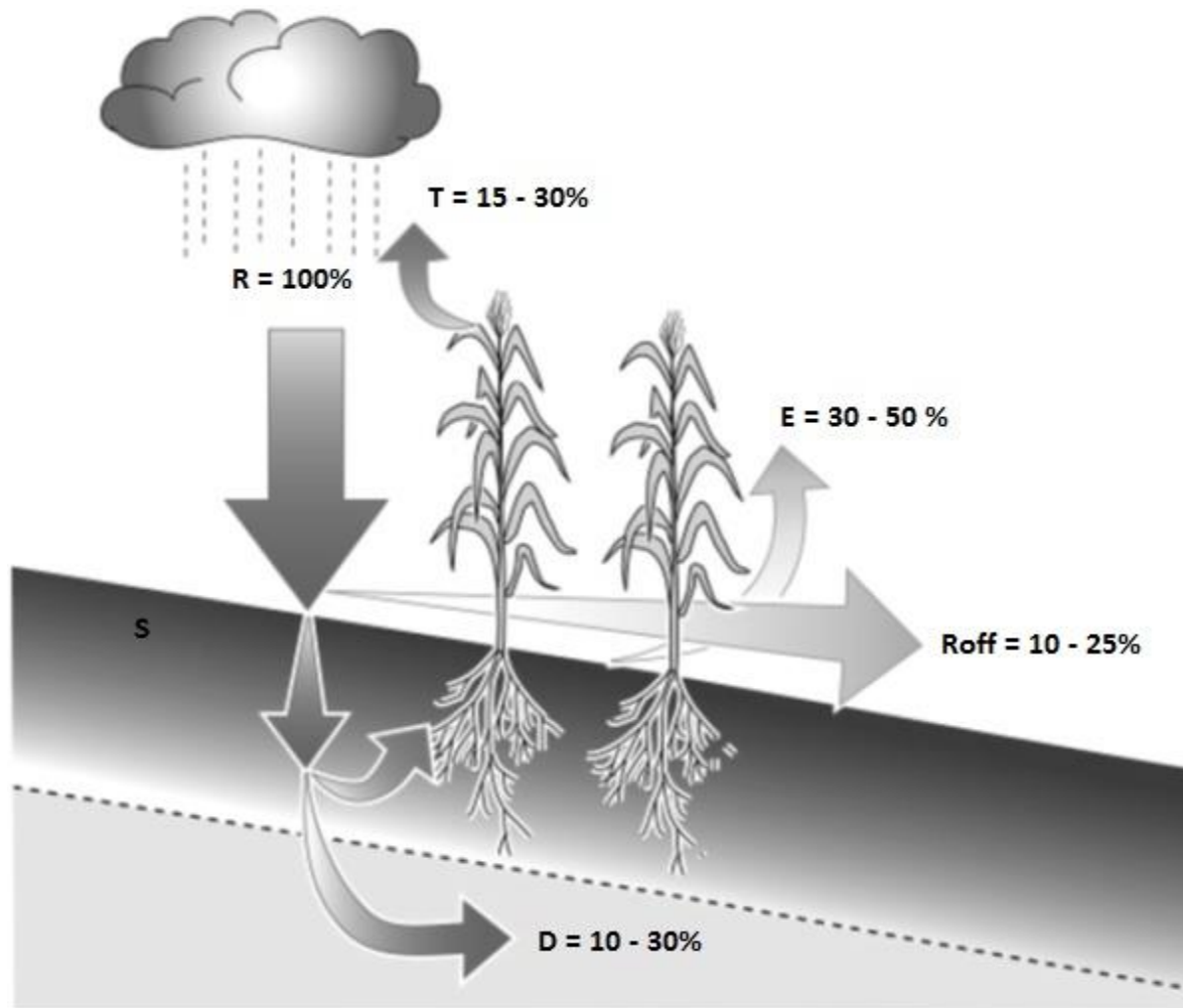
Grower : Pieter Renier
Farm : Blesleslaagte
Field : L01
Year : 2012
Operation : Grain Harvest
Crop / Product : Multiple
Op. Instance : Harvest-1
Area : 74.01 ha
Est. Yield Mass (Dry) : 4,006 tonne/ha
Avg. Moisture : 11.06 %

Yield Mass (Dry)
(tonne/ha)



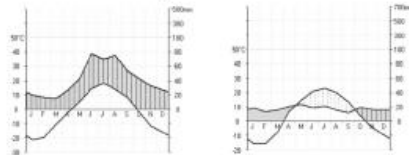
Yield Mass (Dry) (tonne)

Waterbalans



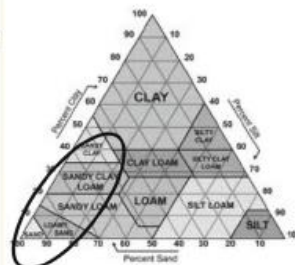
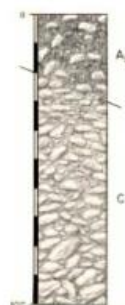
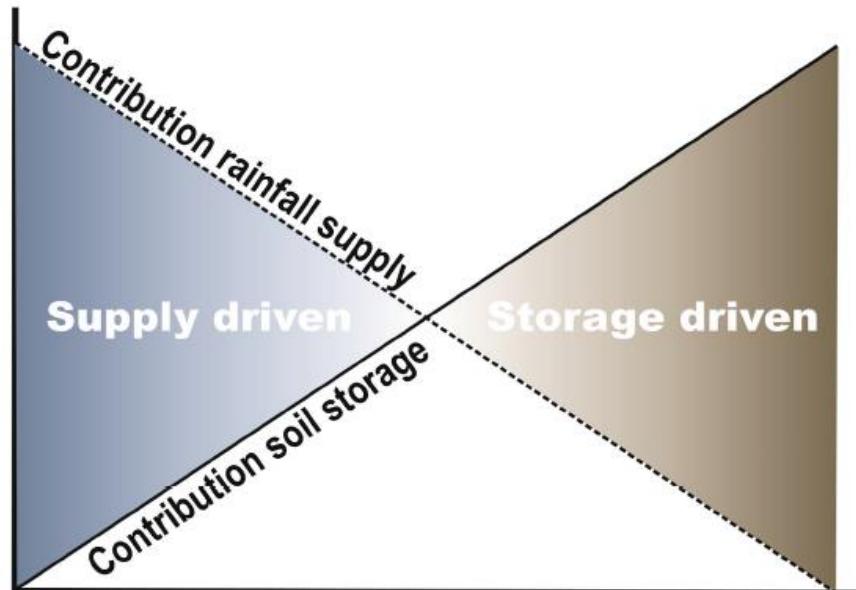
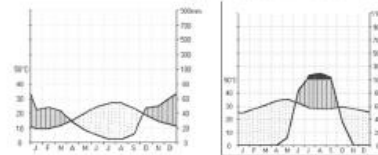
High supply

Sufficient rainfall amount
Favourable distribution
Intermediate evaporative demand



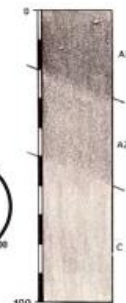
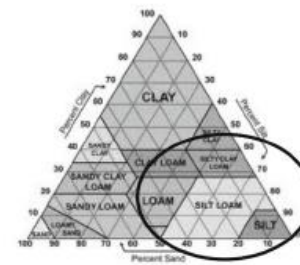
Low supply

Insufficient rainfall amount
Unfavourable distribution
High evaporative demand



Shallow profile
Sand dominated texture
High stone content

Low storage capacity



Deep profile
Silt dominated texture
High organic carbon

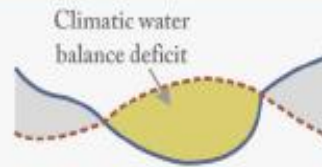
High storage capacity

Supply driven



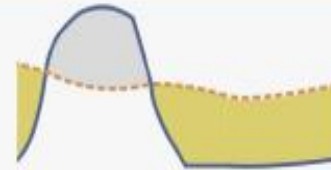
Rain distribution: Summer maximum
Vapour deficit: Low - moderate/high

Storage driven



Rain distribution: Winter maximum
Vapour deficit: Moderate - high

Residual moisture

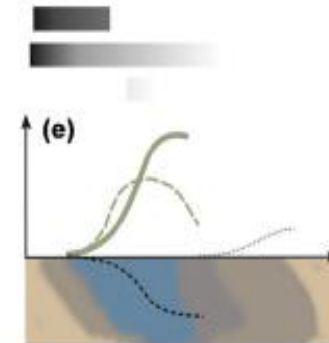
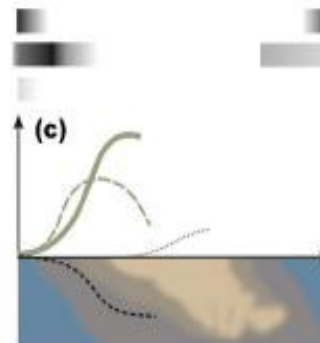
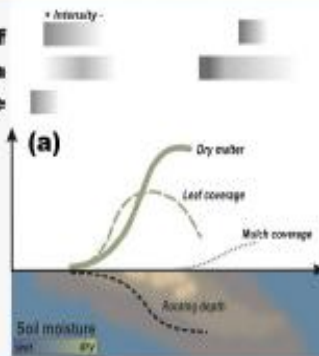


Rain distribution: Short rainy season
Vapour deficit: High

Water loss

High storage soil

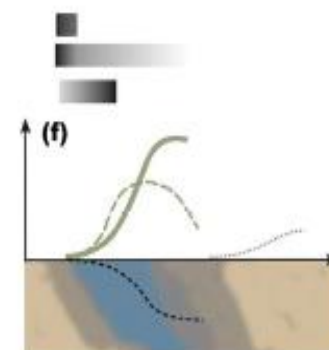
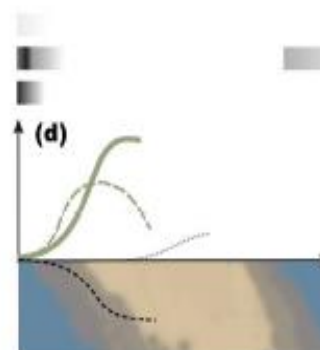
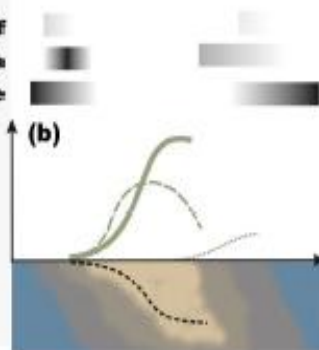
Runoff
Evaporation
Drainage



Water loss

Low storage soil

Runoff
Evaporation
Drainage



ID	X	Y	GRONDVORM	DAIGNOSTIESE HORISONTE	WORTELDIEPTE	DIKTE(m)	KLEI%	SLIK%	SAND%	TEKSTUUR
LT1	25.27806	-26.9792	Glencoe	Orties	1.10	0.30	20	7	73	Sandkleileem
				Geelbruin apedale B		0.80	27	8	64	Sandkleileem
				Harde plintiese B		0	0	0	0	0

LUGDROOGA	VERWELKPUNTvol	VELDKAPASITEITvol	VERSADIGvol	PBWmm	PROFIEL_BESKIKBAREWATERmm	PERMEABILITEITcm/h	DREINFAKTOR	SCS_hidroklas	CNII
0.038	0.118	0.232	0.394	34	108	0.78380	0.54	B	70
	0.164	0.256	0.414	74		0.26973	0.37		
	0.000	0.000	0.000	0		0.00000	0.00		

[illegible]

BOERDERYBESIGHEID

