

Research Article

Volume 15 Issue 5 - December 2018
DOI: 10.19080/IJESNR.2018.15.555923

Int J Environ Sci Nat Res

Copyright © All rights are reserved by Gizaw Tesfaye

Appendix 2

Appendix 2: Computation of the management (P) factor value adapted for Ethiopia by Nyssen [24].

P = PC · PN · PM (on cropland); P = PN (on other land)					
Ploughing and cropping practices	PC	Conservation structures	PN	In situ conservation practices	PM
Ploughing up and down	1	No conservation structures	1	Stubble grazing; no mulching	1
Ploughing along the contour	0.9	bunds (average condition; smaller value for new bunds and larger for older bunds)	0.3	Applying mulch	0.6
Strip cropping	0.8	Grass strip (1 m wide; slope ≤ 0.1)	0.4	Zero grazing	0.8
Intercropping	0.8	Grass strip (1 m wide; slope > 0.2)	0.8		
Dense inter cropping	0.7				