

**Table 8-1 Proposed Countermeasures for Cangucu Region**

Crop	Zoning	ML	Essential alternatives			Ideal alternatives		
			TY	Measures	Effect	TY	Measures	Effect
All crop field and pasture	B, C		M	Improvement farm road	2	M	Diversion ditches	2
			M	Drainage along road side	2	M	Terrace channels	2
			M	Lining of steep gutter	2	M	Grassed waterway	2
			A	Proper spacing of crops	1&2			
			A	Proper crop calender	1&2			
			A	Proper plant selection	1&2			
			S	Maitenance of soil fertility	1&2			
Soybean Maize Beans	B	I	M	Terracing with contouring	2	M	Contour strip-cropping	2
			M	Buffer strip-cropping	2	A	No tillage	1&2
			S	Proper plowing or harrowing	1			
			S	Subsoiling to stir hard pan soil	2			
			A	Mulching by crop residue	1&2			
			A	Winter green manure crops	1&2			
Maize Tobacco Beans Potato Onion	B, C	II	M	Terracing with contouring	2	A	No tillage with animal	1&2
			M	Buffer strips with stones	2			
			M	Buffer strip-cropping	2			
			A	Mulching by crop residue	1&2			
			A	Winter green manure crops	1&2			
			A	Intercropping with green manure crops	1&2			
			M	Strip-cropping with spring & summer crops	1&2			
Peach Orange	B, C	II	M	Terracing with contouring	2	M	Contour strip-cropping	2
			A	Intercropping with green manure crops	1&2			
Pasture	B, C	I, II	M	Terracing	2	A	Crop rotation	1
			M	Water supply system for cattle	1&2	A	Perennial forage	2

Abbreviation: ML: Management level, I: Mechanical farming, II: Manpower or animal farming  
 TY: Type of measures, M: Mechanical measures, A: Agronomic measure, S: Soil management  
 1: Effect on rainsplash, 2: Effect on runoff