

Table 1. Principles, Practices, and Restrictions of Regenerative Agriculture Versions, compared with Conservation Agriculture.

Principles/Practices	Versions of Regenerative Agriculture				
	Gabe Brown	Drawdown.org	Regenerative Organic	Chico State University	Conservation Agriculture
Limit tillage	✓	✓	✓	✓	✓
Protect the soil					
Plants or crop residues on soil surface	✓				✓
Controlled traffic					✓
Maintain living roots in the soil	✓			✓	
Increase biodiversity					
Diverse crop rotations	✓	✓	✓	✓	✓
Multi-species cover crops	✓	✓		✓	
Cover crops			✓		✓
Inoculation of soils				✓	
Integrate livestock	✓		✓	✓	
Restrictions					
Input limitations		On-farm fertility (no external nutrients) No pesticides or synthetic fertilizers	No Synthetic Inputs No GMOs or Gene Editing	Soil fertility through biological systems	
Other			No Soilless Systems		

