Snapshot of CF Yields

(Extract from "Benefits of Conservation Agriculture in Improving Soil Productivity, Nutrient Dynamics and Crop yield in Uganda" A Soil Research Study commissioned under CARP and conducted by CKKB Consult Ltd.)

CF Yield Data As Compared To Conventional Tillage

Mean Maize Grain Yield Over 4 Seasons

Practices Applied	Tons Per Hectare			
	2012A	2012B	2013A	2013B
Traditional Farmer Practice – Conventional Tillage	1.72	1.60	1.12	1.94
Conservation Farming = Basins + Herbicide Use	2.73	3.20	2.15	4.06
Conservation Farming = Basins + Fertilizers + Herbicide Use + Crop Residue Retention	4.00	4.10	4.10	5.70

Mean Sunflower Seed Yield Over 4 Seasons

Practices Applied	Tons Per Hectare			
	2012A	2012B	2013A	2013B
Traditional Farmer Practice – Conventional Tillage	1.60	1.70	1.33	1.74
Conservation Farming = Basins + Herbicide Use	2.55	2.35	2.67	3.40
Conservation Farming = Basins + Fertilizers + Herbicide Use + Crop Residue Retention	3.20	3.20	4.70	4.56

Mean Soybean Seed Yield Over 3 Seasons

Practices Applied	Tons Per Hectare		
	2012A	2012B	2013A
Traditional Farmer Practice – Conventional Tillage	1.20	0.90	0.86
Conservation Farming = Basins + Herbicide Use only	1.8	1.60	1.46
Conservation Farming = Basins + Fertilizers + Herbicide Use + Crop Residue Retention	2.5	2.70	2.88

Mean Bean Seed Yield over 4 Seasons

Practices Applied	Tons Per Hectare			
	2012A	2012B	2013A	2013B
Traditional Farmer Practice – Conventional Tillage	1.2	1.1	0.52	0.65
Conservation Farming = Basins + Herbicide Use	1.6	1.7	1.14	1.65
Conservation Farming = Basins + Fertilizers Herbicide Use + Crop Residue Retention	2.0	2.5	1.52	2.47