

Table S2. The amount of food produced, their uses for human food and livestock feed and arable land area under each food group based on FAO 2011 data.

Whole Grains	Area harvested (M ha)	For Food (M ton)	For Feed (M ton)	Area for food (M ha)	Area for feed (M ha)	Vegetables and Fruits	Area harvested (M ha)	For Food (M ton)	For Feed (M ton)	Area for food (M ha)	Area for feed (M ha)
Wheat	220.3	446.9	141.0	167.5	52.8	Cassava	20.6	100.7	77.6	11.6	9.0
Rice	162.5	370.3	33.0	149.2	13.3	Potato	19.3	237.2	49.7	15.9	3.3
Barley	48.5	6.5	88.2	3.3	45.2	Sweet potato	8.2	54.6	39.9	4.8	3.5
Maize	171.7	120.5	485.1	34.2	137.5	Yams	6.5	29.1	8.2	5.1	1.4
Rye	0.5	5.7	4.8	0.3	0.2	Roots other	1.3	13.2	0.7	1.2	0.1
Oats	9.6	4.0	15.5	2.0	7.6	Onions	4.5	76.8	0.1	4.5	0.0
Millet	33.8	22.9	3.9	28.8	4.9	Tomatoes & Prod	4.7	138.5	1.8	4.7	0.1
Sorghum	42.1	25.2	26.4	20.6	21.5	Vegetables, Other	18.5	714.7	50.8	17.3	1.2
Cereals other	3.7	5.4	18.2	0.9	2.8	Oranges	4.0	91.3	0.0	4.0	0.0
Total				406.7	286.0	Bananas	5.1	82.5	1.5	5.0	0.1
Fat and Oil						Grapefruit	0.3	7.4	0.0	0.3	0.0
Soybeans	103.8	234.2	13.3	98.2	5.6	Citrus	1.3	10.0	0.0	1.3	0.0
Coconuts	12.0	2.0	0.0	12.0	0.0	Lemons & Prod	1.0	13.0	0.0	1.0	0.0
Sunflower seeds	25.7	32.4	2.7	23.7	1.9	Plantains	5.4	24.1	2.9	4.8	0.6
Sesame seed	8.6	4.0	0.0	8.6	0.0	Apples	5.0	64.4	0.6	4.9	0.0
Rape & mustard	10.1	3.2	0.0	10.1	0.0	Pineapple	1.0	19.6	0.0	1.0	0.0
Olives	0.7	58.2		0.7	0.1	Dates	1.1	6.2	0.3	1.0	0.0
Total				153.3	7.6	Total				88.4	19.4
Sugar						Pulses	46.0	47.2	12.9	36.1	9.9
Sugar cane	25.6	34.0		25.6		Meat		290.1			
Sugar beets	5.1	16.9		5.1		Milk		621.3			
Total				30.6							