

VI Appendix

VI.I Area Data by Country – Area Calculation Results by Country

Country	Area ^a	Cultivation ^b	Pasture ^c	Potential Area ^d	Yield ^e	Yield SD	Production Potential ^f	Production SD
Afghanistan	8,469.5	0.12	0.28	7,467.9	1.0	0.9	651.2	308.7
Algeria	1,333.4	0.54	0.36	617.7	7.0	7.3	392.0	339.0
Angola	199,301.5	0.01	0.32	196,314.2	120.2	98.0	2,305,158.3	126,464.3
Argentina	267,692.7	0.04	0.04	258,243.5	133.6	65.7	3,341,363.4	99,953.9
Australia	1,870,181.7	0.02	0.54	1,830,761.9	424.3	231.9	75,366,652.6	889,448.2
Bahamas	390.8	0.00	0.00	390.8	163.7	82.7	0.0	0.0
Benin	1,478.4	0.19	0.28	1,195.8	736.0	570.6	86,255.7	36,278.1
Bolivia	46,211.9	0.03	0.22	44,849.4	369.9	118.5	1,674,997.4	65,052.6
Botswana	470,998.2	0.02	0.45	460,865.6	3.8	1.8	122,110.3	4,073.0
Brazil	337,578.4	0.09	0.20	307,502.8	789.7	213.8	23,605,738.4	263,536.0
Burkina Faso	146,102.1	0.19	0.23	118,083.2	1,055.9	342.7	12,347,419.0	233,300.9
Cabo Verde	1,451.4	0.00	0.00	1,451.4	19.0	22.3	0.0	0.0
Cameroon	23,889.4	0.16	0.34	20,076.8	803.1	657.9	1,280,173.3	168,689.2
Central African Rep.	12,021.1	0.03	0.29	11,637.6	634.9	702.5	747,954.9	139,968.4
Chad	203,839.0	0.06	0.71	190,933.5	445.9	413.2	8,528,676.7	367,778.3
China	261.7	0.27	0.16	190.8	95.2	46.8	1,815.1	1,264.9
Colombia	8,892.0	0.00	0.38	8,881.3	197.6	66.1	163,212.1	13,492.8
Cyprus	1,141.0	0.35	0.00	741.4	6.8	5.2	461.3	251.1
Djibouti	334.9	0.00	0.20	334.2	27.7	11.6	916.3	403.8
Dominican Rep.	606.7	0.22	0.34	475.9	256.4	65.5	11,569.6	2,587.6
Ecuador	10,693.1	0.12	0.15	9,424.8	1,276.3	482.7	1,098,828.1	91,383.5
Egypt	135.1	0.03	0.09	131.0	2.2	2.8	26.3	54.2
Eritrea	40,414.1	0.10	0.64	36,178.9	747.3	353.8	2,606,998.6	144,204.9
Ethiopia	194,365.3	0.08	0.28	178,039.9	709.1	395.5	11,572,879.1	365,806.0
Gambia	7,022.3	0.26	0.44	5,214.7	532.3	429.0	281,894.1	58,968.4
Haiti	682.0	0.20	0.18	546.4	798.6	63.7	33,335.1	2,550.0
India	710,425.3	0.71	0.04	209,276.4	939.8	405.7	18,700,356.0	478,925.6
Iran	80,986.2	0.18	0.64	66,695.9	4.0	4.5	27,455.3	6,713.0
Iraq	45,018.4	0.14	0.17	38,851.2	0.2	0.5	638.2	299.7
Israel	4,499.6	0.31	0.11	3,119.0	8.5	11.0	1,185.8	1,292.0
Jordan	1,517.0	0.54	0.05	704.2	7.4	10.3	133.9	396.7
Kenya	182,619.9	0.09	0.46	166,629.1	703.8	486.2	11,388,187.5	459,197.0
Libya	25,845.4	0.12	0.16	22,758.4	1.3	1.0	2,247.9	617.3
Madagascar	70,495.3	0.03	0.49	68,180.2	989.9	245.5	6,087,528.1	133,167.7

Country	Area ^a	Cultivation ^b	Pasture ^c	Potential Area ^d	Yield ^e	Yield SD	Production Potential ^f	Production SD
Malawi	831.0	0.13	0.22	726.7	2,493.9	329.9	127,858.4	13,622.5
Mali	202,103.1	0.12	0.49	177,554.0	475.0	379.9	8,288,195.4	317,573.5
Mauritania	5,247.1	0.11	0.62	4,671.5	135.3	85.4	62,694.8	10,850.6
Mexico	339,514.7	0.14	0.50	291,194.8	204.8	79.7	4,909,976.5	142,790.5
Morocco	34,062.5	0.51	0.25	16,858.2	4.3	3.4	2,919.1	564.2
Mozambique	174,304.7	0.04	0.48	167,592.4	958.8	250.3	14,444,636.0	206,027.5
Myanmar	27,183.2	0.51	0.01	13,230.9	983.0	440.1	1,283,614.5	94,472.3
Namibia	237,142.5	0.02	0.37	233,387.7	13.8	13.4	305,194.1	22,503.4
Netherlands Ant.	469.0	0.00	0.00	469.0	84.4	68.3	0.0	0.0
Niger	66,521.1	0.64	0.31	23,774.4	226.4	205.5	704,648.2	86,920.8
Nigeria	187,673.1	0.47	0.24	99,374.3	551.8	464.1	4,916,329.5	279,144.1
Pakistan	82,301.9	0.57	0.13	35,576.1	14.9	10.4	36,083.6	5,630.2
Palestine, State of	2,210.2	0.37	0.10	1,390.5	7.3	9.5	715.2	705.2
Paraguay	116,995.2	0.00	0.30	116,612.1	220.3	65.0	2,538,171.1	42,830.7
Peru	4,434.6	0.11	0.14	3,968.0	1,105.0	436.6	429,649.2	58,927.3
Saudi Arabia	2,506.2	0.01	0.00	2,492.3	4.8	2.6	1,158.6	372.1
Senegal	97,572.7	0.17	0.30	80,688.7	502.9	318.7	3,313,145.4	165,691.3
Somalia	223,015.6	0.05	0.73	212,843.4	536.0	433.7	11,353,368.9	487,435.4
South Africa	139,515.3	0.13	0.54	121,407.8	63.8	29.2	263,669.1	21,965.3
Spain	1,148.2	0.42	0.20	664.4	7.8	6.3	78.8	45.6
Sudan ^g	494,452.2	0.17	0.63	408,506.8	561.6	510.5	23,822,831.4	723,623.7
Swaziland	4,343.0	0.08	0.61	3,989.0	237.0	113.9	81,834.4	12,225.9
Syria	28,578.5	0.33	0.50	19,054.4	0.1	0.1	96.8	174.7
Tanzania	72,588.6	0.05	0.48	68,956.5	611.5	277.9	3,995,479.1	148,539.9
Tunisia	9,721.3	0.15	0.35	8,240.8	1.2	0.9	813.6	204.9
Turks and Caicos Isl.	30.7	0.00	0.00	30.7	194.0	159.2	0.0	0.0
Uganda	131.8	0.37	0.44	82.8	153.3	111.7	1,414.5	2,019.9
United States	92,231.2	0.05	0.68	87,924.1	3.0	1.7	20,929.5	3,447.7
Venezuela	20,484.7	0.02	0.39	20,003.8	274.8	77.9	538,738.4	26,240.1
Yemen	6,977.4	0.19	0.51	5,646.2	100.7	27.4	59,078.8	4,370.8
Zambia	15,846.1	0.04	0.23	15,181.3	410.8	317.2	864,378.9	113,529.6
Zimbabwe	158,259.1	0.10	0.41	142,438.1	276.9	169.7	2,582,945.5	141,687.2
Total	7,825,291.4	-	-	6,651,297.5	-	-	266,337,859.0	7,290,903.6

^a Semi-arid area in km² as defined in Kriticos et al. (2012), of which protected areas (IUCN and UNEP-WCMC, 2017) have been subtracted.

^b Country means of shares of area under cultivation. Derived from Ramankutty et al. (2010)

^c Country means of shares of pasture areas. Derived from Ramankutty et al. (2010).

^d Unprotected and uncultivated semi-arid area in km²

^e In kg/ha

^f In tons

^g Refers to pre-2011 stat