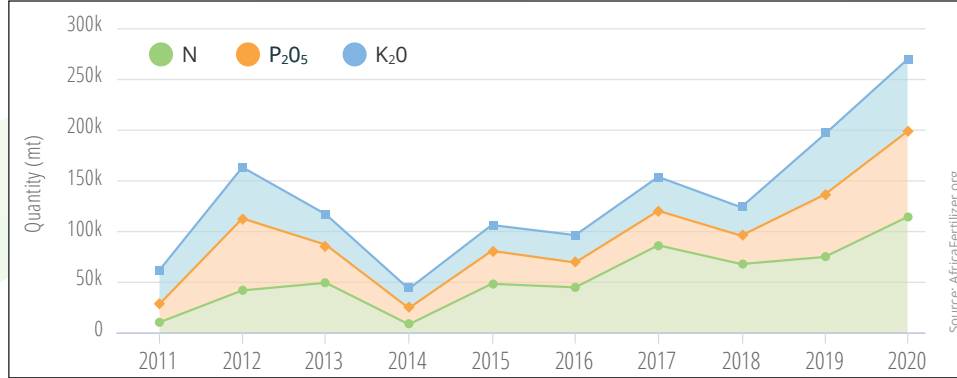
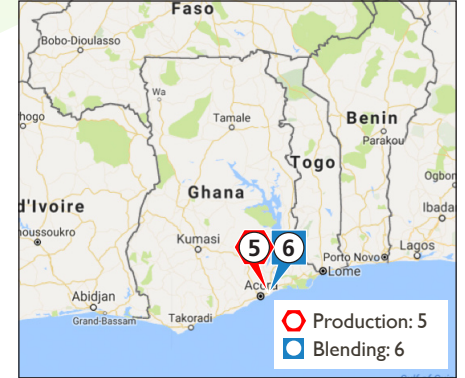




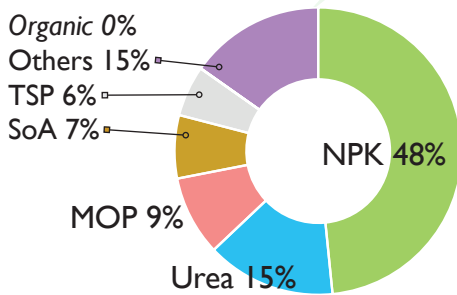
FERTILIZER CONSUMPTION IN NUTRIENTS, 2011-2020



FERTILIZER PRODUCTION & BLENDING PLANT SITES



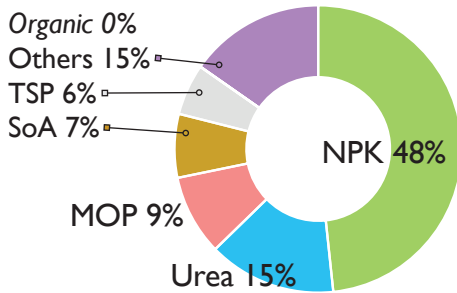
FERTILIZER IMPORTS 2020



FERTILIZER IMPORTS 2011-2020 (MT)

Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
NPK	50,405	127,393	117,047	44,880	138,140	132,632	213,887	224,176	217,024	299,423
Urea	2,838	17,665	36,104	202	18,348	39,035	88,259	42,005	77,011	89,956
MOP	30,505	43,420	19,849	22,715	18,707	13,842	24,235	15,993	42,235	55,611
SoA	38,474	61,585	54,863	6,282	64,015	23,268	43,865	10,084	17,326	43,994
TSP	50,177	92,456	47,173	21,258	32,052	13,802	26,766	9,460	29,300	35,268
Organic	13	275	6,465	5,523	7,818	8,772	37,643	5,875	4,673	219
Others	24,905	30,971	16,414	10,223	11,077	8,532	9,582	7,564	37,542	94,167
Total	197,317	373,765	297,915	111,083	290,156	239,883	444,236	315,157	425,110	618,638

APPARENT CONSUMPTION 2020



FERTILIZER APPARENT CONSUMPTION 2011-2020 (MT)

Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
NPK	46,273	126,929	113,794	39,344	137,902	132,632	210,387	220,176	215,617	296,641
Urea	2,431	17,603	36,104	-	18,253	39,035	88,259	42,002	76,921	88,379
MOP	25,884	43,403	19,801	22,702	18,707	13,842	24,235	15,712	42,235	55,611
SoA	1,052	61,585	54,863	6,282	64,015	23,268	43,865	10,084	17,326	43,994
TSP	22,149	92,456	47,173	19,613	32,052	13,802	26,766	9,460	29,300	35,268
Organic	13	275	6,465	5,523	7,818	8,747	37,568	5,868	4,663	219
Others	26,649	30,951	16,136	10,223	11,077	8,532	9,582	7,564	37,542	93,829
Total	124,451	373,202	294,336	103,688	289,822	239,858	440,661	310,866	423,603	613,942

DEMAND FOR FERTILIZER BY CROP AND SEASON

Season	Crop	Sowing Growing Harvest Fertilizer peak demand											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Major season (long rains)	Cassava (first year)				◆	◆	◆						
	Cassava (second year)												
	Maize (North main)						◆	◆	◆				
	Maize (South main)				◆	◆	◆						
	Millet and Sorghum					◆	◆	◆	◆				
	Rice (North)					◆	◆	◆	◆				
	Rice (South)				◆	◆	◆						
Yam	◆	◆	◆	◆									
Minor season (short rains)	Cassava, Maize, Millet, Sorghum, Rice, Yam							◆	◆	◆			