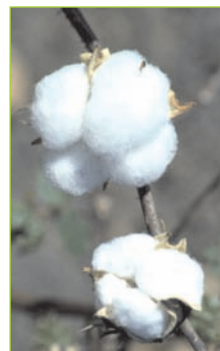


# CROP NUTRIENT UTILIZATION



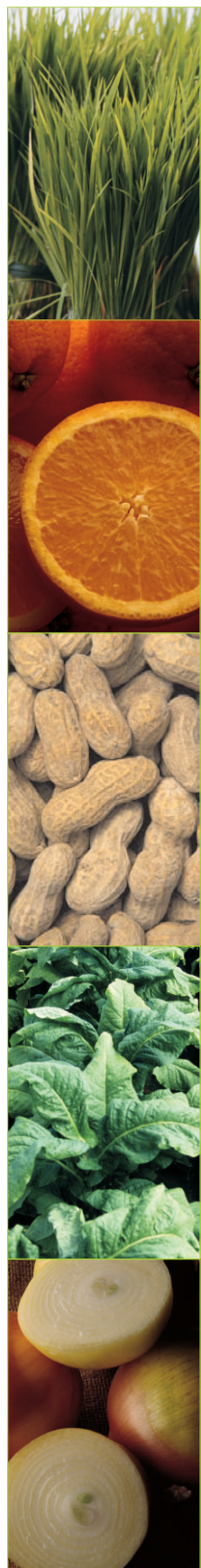
Crop	Yield (A)	lb/A				
		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S
Alfalfa*	8 ton	408	96	392	43	43
	10 ton	510	120	490	54	54
Apples	250 cwt.	20	8	50	2	—
	Leaves	80	38	130	22	—
	Total	100	46	180	24	30**
Barley	120 bu.	166	67	182	17	23
Bell Peppers	180 cwt.	137	52	217	43	30
Bermudagrass (coastal)	8 ton	370	96	400	26	44
	10 ton	460	120	500	33	55
Bermudagrass (turf)	4 ton	225	40	160	20	15
Cabbage	700 cwt.	140	35	128	9	64
	Stem/Laf	130	28	121	27	—
	Total	270	63	249	36	64
Canola	60 bu.	115	72	120	25	20
Clover-grass*	6 ton	300	90	360	30	30
Corn	150 bu.	135	57	41	14	12
	Stalks	68	24	165	21	11
	Total	203	81	206	35	23
Corn Silage	180 bu.	162	68	49	16	14
	Stalks	81	29	198	25	13
	Total	243	97	247	41	27
Corn Silage	200 bu.	180	76	54	18	16
	Stalks	90	32	220	46	14
	Total	270	108	274	46	30
Corn Silage	30 ton	291	93	219	60	33
Cotton (lint/seed)	1500 lbs.	100	44	59	20	17
	Stalks	140	28	151	12	19
	Total	240	72	210	32	36
Cucumbers	10 ton fruit	40	14	66	4	—
	Vines	50	14	108	21	—
	Total	90	28	174	25	30**
Fescue	3.5 ton	130	42	189	13	20
Grapes	12 ton	102	35	156	18	20
Oats	100 bu.	73	27	18	4	7
	Straw	29	15	89	10	10
	Total	102	42	107	14	17
Orchardgrass	6 Ton	216	78	324	25	35
Oranges	540 cwt.	90	23	162	10	7
	Leaves	175	32	168	28	21
	Total	265	55	330	38	28
Peaches	600 bu.	35	10	65	12	—
	Leaves	60	30	55	10	—
	Total	95	40	120	32	30**



\* Legumes derive most of the N from Symbiotic N fixation. \*\* Estimated S for harvested and vegetative portion of crop.

(Over for additional crops)

# CROP NUTRIENT UTILIZATION



Crop	Yield (A)	lb/A					
		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S	
Peanuts* Nuts Vines	4,000 lb.	140	22	35	5	10	
	5,000 lb.	100	17	150	20	11	
	Total	240	39	185	25	21	
Peppers	9 ton	137	52	217	43	50	
Potatoes Tubers Plants	500 cwt.	160	60	275	15	15	
	100	100	25	150	20	10	
	Total	260	85	425	35	25	
Pulpwood	40 Cord	180	50	140	50	50	
Ryegrass	5 ton	215	86	215	40	60	
Rice	7000 lb.	112	60	168	14	12	
	Snap Beans*	4 ton	70	21	77	8	—
		Vines	68	12	86	9	—
Total	138	33	163	17	20**		
Sorghum (forage)	8 Ton	224	67	336	49	47	
Sorghum (grain)	175 bu.	116	68	47	11	11	
Soybeans* (grain) Stover	70 bu.	266	59	91	15	13	
	77	77	17	70	15	12	
	Total	343	76	161	30	25	
Sugar Cane Bagasse	100 ton	160	90	335	40	54	
	200	200	66	275	60	32	
	Total	360	156	610	100	86	
Sunflower	1.5 ton	151	45	110	21	18	
Sweet Corn w/husk Stover	90 cwt.	80	22	52	6	5	
	60	60	25	84	14	6	
	Total	140	47	136	20	11	
Tobacco (burley) Stalks, etc.	4,000 lb.	147	13	148	20	17	
	143	143	24	173	13	7	
	Total	290	37	321	33	24	
Tobacco (flue-cured) Stalks	3,000 lb.	85	15	155	15	12	
	41	41	11	102	9	7	
	Total	126	26	257	24	19	
Tomatoes Vines	600 cwt.	108	50	216	15	23	
	66	66	15	131	20	20	
	Total	174	65	347	35	43	
Wheat Straw	80 bu Grain	120	48	27	12	8	
	56	56	13	96	8	11	
	Total	176	61	123	20	19	



\* Legumes derive most of the N from Symbiotic N fixation. \*\* Estimated S for harvested and vegetative portion of crop.

