

The following table presents the approximate amounts of these elements abstracted, per acre, by some of the more common farm crops :

PLANT FOOD REMOVED BY CROPS.*

CROP.	POUNDS PER ACRE.						
	Gross Weight.	Nitro- gen.	Phos. Acid.	Pot- ash.	Lime.	Silica.	Total Ash.
Wheat, 20 bush.	1,200	25	12.5	7	1	1	25
Straw	2,000	10	7.5	28	7	115	185
Total		35	20	35	8	116	210
Barley, 40 bush.	1,920	28	15	8	1	12	40
Straw	3,000	12	5	30	8	60	176
Total		40	20	38	9	72	216
Oats, 50 bush.	1,600	35	12	12	1.5	15	55
Straw	3,000	15	6	35	9.5	60	150
Total		50	18	45	11.0	75	205
Corn, 65 bush.	2,200	40	18	15	1	1	40
Stalks	3,000	35	2	45	11	89	160
		75	20	60	12	90	200
Peas, 30 bush.	1,800		18	22	1	1	64
Straw	3,500		7	38	71	9	176
Total			25	60	75	10	240
Mangels, 10 tons	20,000	75	35	150	30	10	350
Meadow Hay, 1 ton	2,000	30	20	45	12	50	175
Red Clover Hay, 2 tons..	4,000		28	66	75	15	250
Potatoes, 150 bush.	9,000	40	20	75	25	4	125
Flax, 15 bush.	900	39	15	8	3	.5	34
Straw	1,800	15	3	19	13	3	33
Total		54	18	27	16	3.5	87

* The Chemistry of Soils and Fertilizers, Snyder.