

Nutrients removed by different crops and yield components*

			Plant nutrients removed by crops (kg/ha)										
Crop	Yield per hectare (kg)	Yield component	Nitrogen N	Phosphate P2O5	Potash K2O	Sulphur S	Calcium Ca	Magnesium Mg	Boron B	Copper Cu	Iron Fe	Manganese Mn	Zinc Zn
Alfalfa	8,980	all	196	44	196	22	125	24	0.07	0.07	0.90	0.45	0.45
Barley	4,480	grain	87	38	28	8	2	4	0.10	0.10	0.30	0.10	0.10
	4,490	straw	31	10	76	6	17	4	0.02	0.03	0.01	0.69	0.10
Beans	2,690	all	112	35	35	8	3	3	-	0.03	0.04	0.04	0.09
Canola	1,960	seed	74	36	18	13	-	-	0.11	0.02	0.46	0.17	0.25
	-	residue	44	16	75	10	-	-	0.11	0.02	0.34	0.18	0.08
Corn	6,270	seed	109	49	31	8	-	-	0.46	0.06	0.13	0.06	0.13
	6,730	residue	63	21	113	9	11	16	0.08	0.06	0.07	1.12	0.22
Flax	1,610	seed	57	17	17	6	78	27	-	-	-	-	-
	-	straw	16	3	22	4	78	27	-	-	-	-	-
Oats	3,800	grain	68	29	20	6	3	4	-	0.10	1.01	0.20	0.10
	5,610	straw	50	17	142	9	11	11	-	0.10	0.20	0.20	0.40
Peas	3,360	all	171	48	153	15	196	17	0.07	0.10	0.71	0.50	0.10
Potatoes	44,880	tubers	255	74	334	20	7	11	0.07	0.10	0.90	0.20	0.10
Sugarbeets	33,660	roots	73	27	73	10	34	27	-	-	-	0.78	0.22
Wheat	4,030	grain	84	44	27	6	2	10	0.07	0.06	0.50	0.16	0.22
	4,488	straw	34	10	73	8	10	6	0.02	0.03	0.17	0.29	0.09

* Data collected from many sources