

P Juglans cinerea

Common Name(s)

Butternut

How Used

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Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
3	ALANINE	Seed 13724	14194	0.8583505440524668		
15	ALPHA-LINOLENIC-ACID	Seed 87180	90192	1.447717038467539		
5	ALUMINUM	Seed 2.6	2.6	-0.35932234891389175		
0	ANTIMONY	Seed 0.05	0.05	-0.8363839176601287		
14	ARGININE	Seed 48620	50300	1.0865220633456887		
2	ARSENIC	Seed 0.02	0.02	-0.6237689826185465		
0	ASH	Seed 25150	30466	-0.5237752661102465		
3	ASPARTIC-ACID	Seed 30960	32030	0.8381319412806977		
0	BARIUM	Seed 1.6	1.6	-0.27692764099674966		
4	BORON	Seed 7	7	-0.8116798946510148		
0	BROMINE	Seed 1.5	1.5	-0.47554156401105613		

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3	CADMIUM	Seed 0.03	0.03	-0.33359741952043553		
28	CALCIUM	Seed 512	724	-0.6285543780318567		
0	CARBOHYDRATES	Seed 120500	124664	-1.5846665070503922		
0	CESIUM	Seed 0.02	0.02	-0.5814815859175418		
7	CHLORINE	Seed 78	78	-0.5791204881302392		
24	CHROMIUM	Seed 1.4	1.4	-0.47854838847626374		
2	COBALT	Seed 0.2	0.2	-0.19726970453812753		
12	COPPER	Seed 4	8.4	-0.5818240615182214		
2	CYSTINE	Seed 4840	5007	1.2919093471730698		
0	EUROPIUM	Seed 0.02	0.02	-0.52726637982005		
0	FAT	Seed 564400	595044	1.736418222765207		
15	FIBER	Seed 17370	20721	-0.900620048139117		
0	FLUORINE	Seed 1.1	1.1	-0.5191439680058827		
8	GLUTAMIC-ACID	Seed 60840	62942	0.8956613033638753		
12	GLYCINE	Seed 15080	15601	0.6721371685974302		
3	GOLD	Seed 0.001	0.001	-0.5388159060803251		
7	HISTIDINE	Seed 8080	8359	0.5941477490429204		
12	IODINE	Seed 0.1	0.1	-0.2691124755165415		
6	IRON	Seed 38	76	-0.34751167269779043		

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3	ISOLEUCINE	Seed 11790	12197	0.2176174049084412		
0	JUGLANDIC-ACID	Bark --	--			
0	JUGLANDIN	Bark --	--			
16	JUGLONE	Bark --	--			
0	KILOCALORIES	Seed 6120	6331	1.1522129870795645		
0	LANTHANUM	Seed 0.03	0.03	-0.1663780661615404		
0	LEAD	Seed 0.3	0.3	-0.6204106777053475		
2	LEUCINE	Seed 21990	22750	0.5425868837440764		
27	LINOLEIC-ACID	Seed 337270	348924	2.071781856971881		
0	LUTETIUM	Seed 0.004	0.004	-1.399654448964254		
4	LYSINE	Seed 7700	7966	-0.5597842121402294		
65	MAGNESIUM	Seed 2212	2676	-0.1067162783599209		
14	MANGANESE	Seed 31	72	0.2301841579342054		
1	MERCURY	Seed 0.01	0.01	-0.6911494509964113		
15	METHIONINE	Seed 6111	6321	0.5180395539104474		
2	MOLYBDENUM	Seed 0.4	0.4	-0.778785651822429		
13	MUFA	Seed 104250	107852	-0.011375292592385388		
3	NICKEL	Seed 4.3	4.3	-0.08651658480683809		
18	OLEIC-ACID	Seed 103520	107097	-0.09869998975140129		

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13	PALMITIC-ACID	Seed 8720	9021	-0.5134685489451037		
7	PHENYLALANINE	Seed 14420	14918	0.40334181180182965		
4	PHOSPHORUS	Seed 4085	4834	-0.13724383189067685		
14	POTASSIUM	Seed 4044	7493	-0.4464939918140908		
0	PROLINE	Seed 12360	12787	0.2850897370916753		
0	PROTEIN	Seed 235470	271587	0.33616991546704017		
4	PUFA	Seed 427410	442179	2.562243883757353		
0	RUBIDIUM	Seed 2.5	2.5	-1.1410483509080735		
0	SAMARIUM	Seed 0.03	0.03	-0.8523247028586811		
0	SCANDIUM	Seed 0.003	0.003	-0.4130570344929087		
60	SELENIUM	Seed 0.1	0.1	-0.26278450119784413		
1	SERINE	Seed 16400	16967	1.2251627641947473		
4	SILICON	Seed 1450	1450	1.121505771688299		
1	SODIUM	Seed 2.7	12	-0.6966673911714097		
8	STEARIC-ACID	Seed 4250	4397	-0.46999007116851227		
0	STRONTIUM	Seed 0.3	0.3	-0.8341866995506673		
14	SULFUR	Seed 2870	2870	0.18957786752333922		
35	TANNIN	Bark --	--			
0	TANTALUM	Seed 0.03	0.03	-0.421637021355784		

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0	THORIUM	Seed 0.1	0.1	-1.0786387432600122		
4	THREONINE	Seed 9400	9725	0.3551258810267202		
4	TIN	Seed 0.7	0.7	-0.5623156303677991		
0	TITANIUM	Seed 2.7	2.7	-0.5559100457010118		
29	TRYPTOPHAN	Seed 3660	3786	0.15718499087467394		
0	TUNGSTEN	Seed 0.08	0.08	-0.2753166245005313		
8	TYROSINE	Seed 9770	10108	0.5482773447485537		
3	VALINE	Seed 15410	15942	0.48407529316519776		
16	VANADIUM	Seed 0.02	0.02	-0.571891524157244		
0	WATER	Seed 30000	36000	-0.7352763653505671		
0	YTTERBIUM	Seed 0.04	0.04	-0.33173501802807365		
77	ZINC	Seed 26	37	-0.2308705488539249		