

# A Antigastric

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	# Chemicals	Total PPM
<i>Abelmoschus esculentus</i> Okra	4	56520.0
<i>Abrus precatorius</i> Jequirity Bean; Weatherplant; Licorice Vine; Crab's Eye; Love Bean; Rosary Pea; Red Beadvine; Coral Beadplant; Indian Licorice; Precatory Bean; Weathervine; Lucky Bean; Prayer Beads; Jequerity; Minnie-Minnies	1	
<i>Acacia senegal</i> Gum Arabic Tree; Sudan Gum Arabic; Senegal Gum; Kher; Gum Arabic	1	
<i>Acacia nilotica</i> Babul	2	
<i>Acacia farnesiana</i> Sweet Acacia; Popinac; Huisache; Opopanax; Cassie	3	34474.0
<i>Acalypha indica</i> Copperleaf; Indian Acalypha; Three-Seeded-Mercury; Cancer Herb; Indian Nettle	1	
<i>Achillea millefolium</i> Yarrow; Milfoil	4	6200.0
<i>Achyranthes bidentata</i> Chaff Flower	1	
<i>Achyranthes aspera</i> Chaff Flower	1	
<i>Acorus calamus</i> Myrtle Flag; Sweetroot; Flagroot; Calamus; Sweetflag; Sweet Calamus	1	
<i>Actaea racemosa</i> Black Snakeroot; Black Cohosh	2	
<i>Actinidia chinensis</i> Kiwi	3	62342.0
<i>Aegle marmelos</i> Bael fruit; Bael de India	2	
<i>Aesculus hippocastanum</i> Horse Chestnut	2	
<i>Agathosma betulina</i> Honey Buchu; Buchu; Mountain Buchu	2	9838.0
<i>Agave sisalana</i> Sisal; Mescal; Hemp Plant; Sisal Agave; Sisal Hemp	1	
<i>Agrimonia eupatoria</i> Sticklewort; Agrimony	1	4.8
<i>Albizia lebbek</i> East Indian Walnut; Lebbek; Siris Tree; Frywood; Koko; Women's-Tongue Tree; Lebbek Tree	1	
<i>Aleurites moluccana</i> Candleberry; Candlenut Tree; Lumbangtree; Candlenut; Indian Walnut; Varnishtree	2	1.2
<i>Alliaria petiolata</i> Garlic Mustard	1	
<i>Allium schoenoprasum</i> Chives	3	54524.0
<i>Allium sativum</i> var. <i>sativum</i> Garlic	5	28327.8
<i>Allium cepa</i> Shallot; Onion	4	20706.8
<i>Allium ampeloprasum</i> Kurrat; Elephant Garlic	2	13303.6
<i>Alocasia macrorrhiza</i> Giant Taro	2	1251.8
<i>Aloe vera</i> Bitter Aloes; Aloe	3	12521.6
<i>Aloe</i> spp. Aloe	1	
<i>Alpinia galanga</i> Siamese Ginger; Greater Galangal; Languas	3	3696.0
<i>Althaea officinalis</i> Marshmallow; White Mallow	4	783282.0
<i>Amaranthus spinosus</i> Spiny pigweed	2	
<i>Amaranthus</i> sp. Pigweed	3	44300.0
<i>Amorphophallus konjac</i> Leopard Palm; Snake Palm; Elephant Yam; Konjac; Devil's Tongue; Umbrella Arum	1	
<i>Amorphophallus campanulatus</i> Elephant-Foot Yam	2	563.6
<i>Anabasis aphylla</i> Anabasis	1	
<i>Anacardium occidentale</i> Cashew	3	57316.2
<i>Ananas comosus</i> Pineapple	4	14088.0
<i>Anethum graveolens</i> Garden Dill; Dill	2	2900.0
<i>Angelica sinensis</i> Dong Gui; Dang Qui; Dong Quai; Dang Quai; Chinese Angelica; Dang Gui	3	608.0

Plant	# Chemicals	Total PPM
<i>Annona squamosa</i> Sugar-Apple; Sweetsop	2	3210.0
<i>Annona reticulata</i> Custard Apple	2	2810.0
<i>Annona muricata</i> Soursop	2	3089.6
<i>Annona glabra</i> Pondapple	2	
<i>Annona diversifolia</i> Llama	2	
<i>Annona cherimola</i> Cherimoya	2	1458.0
<i>Apium graveolens</i> Celery	4	22296.0
<i>Arachis hypogaea</i> Peanut; Groundnut	3	47538.0
<i>Aralia cordata</i> Udo	2	2156.0
<i>Arctium lappa</i> Burdock; Great Burdock; Gobo	3	3358.0
<i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi	2	384.0
<i>Areca catechu</i> Pin-Lang; Betel Nut	2	3.8
<i>Armoracia rusticana</i> Horseradish	3	49595.0
<i>Arnica montana</i> Mountain Tobacco; Leopard's-Bane	1	
<i>Arracacia xanthorrhiza</i> Arracacha; Peruvian Carrot	2	2144.8
<i>Artemisia vulgaris</i> Mugwort	2	11364.0
<i>Artemisia dracunculus</i> Tarragon	3	1182.0
<i>Artemisia cina</i> Levant Wormseed	1	
<i>Artemisia absinthium</i> Wormwood	1	5200.0
<i>Artocarpus heterophyllus</i> Jackfruit	2	876.0
<i>Artocarpus altilis</i> Breadfruit	3	3238.0
<i>Asimina triloba</i> Pawpaw	2	8788.0
<i>Aspalathus linearis</i> Red Bush Tea; Kaffree Tea; Rooibos	1	
<i>Asparagus officinalis</i> Asparagus	3	37028.0
<i>Astragalus membranaceus</i> Huang Qi; Huang-Chi	2	
<i>Avena sativa</i> Oats	6	4280.0
<i>Averrhoa carambola</i> Star Fruit; Carambola	3	
<i>Averrhoa bilimbi</i> Bilimbi; Limon chino	2	
<i>Bacopa monnieri</i> Water Hyssop; Brahmi	1	
<i>Bactris gasipaes</i> Pejibaye; Peach palm	2	
<i>Balanites aegyptiacus</i> Ialo (India); zachun (India); dattier du desert (Fr.); hingotia (India); betu (India); Desert Date; mirobalano de Egipto (Sp.); dattier sauvage (Fr.); Soapberry Tree; heglik (Fr.); Zachunbaum (Ger.)	1	780.0
<i>Barosma betulina</i> Buchu	2	9838.0
<i>Basella alba</i> Vinespinach	3	49004.0
<i>Benincasa hispida</i> Waxgourd	2	13520.0
<i>Berberis vulgaris</i> Barberry	3	20.0
<i>Bertholletia excelsa</i> Brazilnut; Brazilnut-Tree; Paranut; Creamnut	3	13628.0
<i>Beta vulgaris</i> Beet; Garden Beet; Beetroot; Sugar Beet	4	13734.8
<i>Bixa orellana</i> Annato; Lipsticktree; Annoto; Achiote; Annatto; Arnato; Lipstick Pod; Bija	3	260.0
<i>Blighia sapida</i> Seso Vegetal; Akee	2	8552.0
<i>Boehmeria nivea</i> Ramie	2	11248.6
<i>Borago officinalis</i> Beeplant; Borage; Beebread; Talewort	3	10028.0

Plant	# Chemicals	Total PPM
<i>Brassica rapa</i> Seven-Top Turnip; Rapini; Turnip	3	11320.0
<i>Brassica oleracea</i> var. <i>viridis</i> I. Tree Kale; Spring-Heading Cabbage; Collards; Cow Cabbage; Tall Kale	3	27315.5
<i>Brassica oleracea</i> var. <i>sabellica</i> I. Kale; Scotch Kale; Curly Kale; Kitchen Kale	3	35918.0
<i>Brassica oleracea</i> var. <i>italica</i> Calabrese; Sprouting Broccoli; Purple Cauliflower; Asparagus Broccoli; Broccoli; Winter Broccoli; Heading Broccoli; Cape Broccoli	2	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussel-Sprout; Brussels-Sprouts	2	12160.0
<i>Brassica oleracea</i> var. <i>capitata</i> I. Red Cabbage; White Cabbage; Cabbage	4	20788.0
<i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower	3	76306.0
<i>Brassica oleracea</i> Kohlrabi	2	13791.0
<i>Brassica nigra</i> Black Mustard	2	8041.32
<i>Brassica napus</i> var. <i>napobrassica</i> Swedish Turnip; Swede; Rutabaga	3	10068.0
<i>Brassica chinensis</i> Pak-Choi; Celery Cabbage; Chinese Cabbage; Bok-Choy; Celery Mustard; Chinese White Cabbage; Chinese Mustard	3	37822.0
<i>Bromelia pinguin</i> Wild Pineapple	2	6867.6
<i>Brosimum alicastrum</i> Tamamuri; Breadnut	2	
<i>Bupleurum chinense</i> Chai-Hu	1	
<i>Byrsonima crassifolia</i> Nance	2	
<i>Cajanus cajan</i> Pigeonpea	3	23750.8
<i>Calathea macrosepala</i> Chufle	2	
<i>Calathea allouia</i> Leren; Lleren	1	
<i>Calendula officinalis</i> Pot-Marigold; Calendula	1	6200.0
<i>Camellia sinensis</i> Tea	4	8.0
<i>Camellia japonica</i> Kamelie (Ger.); Camellia; Tsubaki (Jap.); Camelia (Sp.); Camelia (Fr., Port.); Japanese Tea; Common Camellia; Rose du Japon (Fr.)	1	
<i>Canavalia ensiformis</i> Jack Bean	3	3059.2
<i>Canna indica</i> Queensland Arrowroot; Achira	2	422.0
<i>Cannabis sativa</i> Marijuana; Indian Hemp; Marihuana; Hemp	2	7.4
<i>Capparis spinosa</i> Caperbush; Caper	2	4601.44
<i>Capsella bursa-pastoris</i> Shepherd's Purse	2	11042.4
<i>Capsicum frutescens</i> Tabasco; Hot Pepper; Chili; Cayenne; Spur Pepper; Red Chili	4	55084.0
<i>Capsicum annuum</i> Bell Pepper; Green Pepper; Sweet Pepper; Cone Pepper; Cherry Pepper; Paprika	4	50450.0
<i>Carica pentagona</i> Babaco; Mountain papaya	2	
<i>Carica papaya</i> Papaya	5	214152.2
<i>Carthamus tinctorius</i> Safflower	2	12.4
<i>Carum carvi</i> Comino (Sp.); Comino de prado (Sp.); Kummel (Ger.); Caraway; Carum	2	8.0
<i>Carya illinoensis</i> Pecan	2	59.8
<i>Casimiroa edulis</i> Matasano; White sapote	2	
<i>Castanea sativa</i> European Chestnut	2	4706.0
<i>Castanea mollissima</i> Chinese Chestnut	1	6542.0
<i>Castanea dentata</i> American Chestnut	1	8076.0
<i>Catha edulis</i> Khat	2	3221.0
<i>Caulophyllum thalictroides</i> Blue Cohosh	2	122.1
<i>Centaurea calcitrapa</i> Star-Thistle	1	

Plant	# Chemicals	Total PPM
<i>Centella asiatica</i> Gotu Kola; Pennywort	4	1052.0
<i>Cephaelis ipecacuanha</i> Ipecac; Raicilla	1	
<i>Ceratonia siliqua</i> St.John's-Bread; Carob; Locust Bean	2	49820.0
<i>Chamaemelum nobile</i> Perennial Camomile; Garden Camomile; Roman Camomile	2	535.6
<i>Chenopodium ambrosioides</i> Wormseed; Epazote	2	2048.0
<i>Chenopodium album</i> Lambsquarter	4	74146.0
<i>Chondrus crispus</i> Irish Moss	2	264.6
<i>Chrysanthemum parthenium</i> Feverfew	2	668.2
<i>Chrysanthemum coronarium</i> Garland Chrysanthemum	2	18296.4
<i>Chrysobalanus icaco</i> Cocoa plum; Icaco	1	
<i>Chrysophyllum cainito</i> Caimito; Star Apple	2	
<i>Cicer arietinum</i> Garbanzo; Chickpea	3	18274.0
<i>Cichorium intybus</i> Succory; Chicory; Witloof	5	4612.0
<i>Cichorium endivia</i> Endive; Escarole	3	37312.0
<i>Cimicifuga racemosa</i> Black Cohosh; Black Snakeroot	2	272.0
<i>Cinnamomum verum</i> Cinnamon; Ceylon Cinnamon	3	620.0
<i>Cinnamomum aromaticum</i> Canela de la China (Sp.); Canelero chino (Sp.); Zimtcassie (Ger.); China Junk Cassia; Kashia-Keihi (Jap.); Cassia Bark; Cassia Lignea; Chinese Cassia; Canelle de Cochinchine (Fr.); Chinazimt (Ger.); Chinese Cinnamon; Cassia; Chinesischer Zimtbaum (Ger.); Saigon Cinnamon; Cannelier Casse (Fr.); Cannelier de Chine (Fr.)	4	620.0
<i>Citrullus lanatus</i> Watermelon	4	2374.0
<i>Citrullus colocynthis</i> Colocynth	1	244.0
<i>Citrus sinensis</i> Orange	5	35410.0
<i>Citrus reticulata</i> Mandarin; Tangerine	3	17700.0
<i>Citrus paradisi</i> Grapefruit	4	7736.0
<i>Citrus mitis</i> Calamondin; Calamansi	2	
<i>Citrus limon</i> Lemon	3	11144.0
<i>Citrus aurantium</i> Petitgrain; Bitter Orange	3	13906.0
<i>Citrus aurantiifolia</i> Lime	2	8894.0
<i>Cnicus benedictus</i> Blessed Thistle	2	65.4
<i>Cnidioscolus chayamansa</i> Chaya	3	46130.0
<i>Coccinia grandis</i> Ivy Gourd; Little Gourd; Kundree; Tindori; Kanduri; Tindora; Pepasan	1	
<i>Cocos nucifera</i> Coconut; Coconut Palm; Nariyal; Kokospalme (Ger.); Copra; Cocotero (Sp.)	4	178.0
<i>Coffea arabica</i> Coffee	2	4.0
<i>Coix lacryma-jobi</i> Adlay; Job'S-Tears; Yi-Yi-Ren; Adlay Millet	2	6.4
<i>Cola acuminata</i> Abata Cola	3	7914.0
<i>Colocasia esculenta</i> Taro	3	12984.0
<i>Corchorus olitorius</i> Nalta Jute; Jew's Mallow; Mulukiya	3	43021.6
<i>Coriandrum sativum</i> Coriander; Chinese Parsley; Cilantro	4	12618.0
<i>Corylus avellana</i> European Filbert; Cobnut; European Hazel; Hazel; English Filbert	2	56.0
<i>Crataegus rhipidophylla</i> Hawthorn	4	
<i>Crataegus monogyna</i> Hawthorn; English Hawthorn	1	
<i>Crataegus laevigata</i> Hawthorn; Whitethorn; Woodland Hawthorn; English Hawthorn	4	3770.0
<i>Crescentia alata</i> Jicaro	1	15.2

Plant	# Chemicals	Total PPM
<i>Crocus sativus</i> Saffron	3	8.0
<i>Crotalaria juncea</i> Sunhemp	1	128200.0
<i>Croton lechleri</i> Dragons Blood; Sangre de Drago; Sangre de Grado; Sangre de Dragon	1	
<i>Croton eluteria</i> Cascarilla	1	
<i>Cryptotaenia japonica</i> Japanese Cryptotaenia; Stone Parsley; Japanese Honewort; Mitsuba; Ya Er Qin	1	
<i>Cucumis sativus</i> Cucumber	2	9635.2
<i>Cucumis melo</i> Netted Melon; Persian Melon; Nutmeg Melon; Cantaloupe; Melon; Muskmelon	2	8748.8
<i>Cucurbita</i> spp Summer Squash	4	208494.0
<i>Cucurbita pepo</i> Pumpkin	4	88239.4
<i>Cucurbita foetidissima</i> Buffalo Gourd	1	
<i>Cuminum cyminum</i> Cumin	2	166.0
<i>Curcuma longa</i> Indian Saffron; Turmeric	2	602.0
<i>Cyamopsis tetragonoloba</i> Guar; Cluster-Bean; Siam-Bean	1	
<i>Cyclanthera pedata</i> Achocha	2	5616.0
<i>Cydonia oblonga</i> Quince	3	1923.8
<i>Cynara cardunculus</i> Artichoke	2	1668.0
<i>Cyperus rotundus</i> Nutsedge	2	74580.0
<i>Cyphomandra betacea</i> Tamarillo; Tree Tomato	3	4134.0
<i>Cyrtosperma chamissonis</i> Swamp Taro	2	1526.4
<i>Datura stramonium</i> Jimsonweed	1	
<i>Datura metel</i> Hindu Datura	1	4440.0
<i>Daucus carota</i> Carrot	5	382542.0
<i>Dianthus caryophyllus</i> Nelke (Ger.); Clove Pink; Oeillet (Fr.); Clavel (Sp.); Carnation	1	
<i>Dioscorea villosa</i> Wild Yam	1	
<i>Dioscorea</i> sp. Wild Yam	2	395.0
<i>Dioscorea pentaphylla</i> Mountain Yam	3	5254.0
<i>Dioscorea alata</i> Winged Yam; Greater Yam	2	202.8
<i>Diospyros virginiana</i> American Persimmon	1	3710.0
<i>Diospyros digyna</i> Sapote Negro; Black Sapote	1	
<i>Duchesnea indica</i> Indian Strawberry; Mock Strawberry; False Strawberry	1	
<i>Durio zibethinus</i> Durian	2	
<i>Echinacea</i> spp Coneflower; Echinacea	3	5971.2
<i>Echinacea purpurea</i> Eastern Purple-Coneflower; Purple-Coneflower; Echinacea	3	
<i>Echinacea angustifolia</i> Echinacea; Narrow Leaf Echinacea; Narrow Leaf Purple-Coneflower	1	
<i>Elaeagnus umbellatus</i> Russian Olive	2	
<i>Elaeagnus commutata</i> Silver Berry	2	
<i>Elaeagnus angustifolia</i> Russian Olive; Silver Berry	1	
<i>Elaeis guineensis</i> African Oil Palm	2	
<i>Eleocharis dulcis</i> Water chestnut	2	
<i>Elettaria cardamomum</i> Cardamom	1	4.0
<i>Eleutherococcus senticosus</i> Siberian Ginseng; Wu jia; Spiny Ginseng; Eleuthero Ginseng; Ci wu jia (Pinyin)	2	
<i>Ephedra sinica</i> Ma Huang; Chinese Ephedra	2	1536.0

Plant	# Chemicals	Total PPM
<i>Equisetum arvense</i> Horsetail; Field Horsetail	2	8145.0
<i>Eriobotrya japonica</i> Loquat	2	1683.6
<i>Eriodictyon californicum</i> Consumptive's Weed; Mountain Balm; Gum Bush; Bear's Weed; Hierba Santa; Tarweed; Holy Herb; Yerba Santa; California Yerba Santa	1	
<i>Eryngium floridanum</i> Florida Eryngium	2	3928.0
<i>Erythrina fusca</i> Gallito; Coral Bean	2	1578.0
<i>Erythrina berteroana</i> Pito	2	4704.0
<i>Erythroxylum coca</i> Coca	3	46.0
<i>Eugenia uniflora</i> Surinam Cherry; Pitanga	2	
<i>Eugenia floribunda</i> Camu-camu arbol; Camu-camu negro; Black rumberry	2	
<i>Eugenia brasiliensis</i> Brazil Cherry; Grumichama	2	
<i>Eupatorium perfoliatum</i> Boneset	1	
<i>Euphorbia hirta</i> Queensland Asthma Herb	1	886.0
<i>Euphrasia officinalis</i> Eyebright	2	142.6
<i>Fagopyrum esculentum</i> Buckwheat	3	19518.0
<i>Feijoa sellowiana</i> Brazillian Guava; Guava Brazilera	1	
<i>Ferula sumbul</i> Sumbul	1	
<i>Ficus carica</i> Fico (Ital.); Figueira (Port.); Echte Feige (Ger.); Feigenbaum (Ger.); Fig; Higo (Sp.); Figuier Commun (Fr.); Higuera Comun (Sp.)	4	235476.6
<i>Filipendula ulmaria</i> Meadowsweet; Queen Of The Meadow	1	
<i>Foeniculum vulgare</i> Fennel	4	30616.0
<i>Fragaria</i> spp Strawberry	4	39098.0
<i>Frangula purshiana</i> Cascara Buckthorn; Cascara Sagrada	2	
<i>Fucus vesiculosus</i> Kelp; Bladderwrack	2	516.0
<i>Ganoderma lucidum</i> Reishi; Ling Zhi	1	
<i>Garcinia mangostana</i> Mangostin; Mangosteen	3	
<i>Gardenia jasminoides</i> Gardenia; Shan-Zhi-Zi; Shan-Chih-Tzu; Cape Jasmine; Zhi Zi; Jasmin	1	
<i>Genipa americana</i> Jagua; Genipap	2	2042.4
<i>Gentiana lutea</i> Gentian; Yellow Gentian	3	418.8
<i>Ginkgo biloba</i> Maidenhair Tree; Ginkgo	4	12599.0
<i>Gliricidia sepium</i> Mata Raton	2	6324.0
<i>Glycine max</i> Soybean	4	42452.0
<i>Glycyrrhiza glabra</i> Commom Licorice; Licorice-Root; Licorice; Smooth Licorice	4	117256.2
<i>Gossypium</i> sp Cotton	2	6.4
<i>Gymnema sylvestre</i> Gymnema; Miracle Fruit	2	
<i>Harpagophytum procumbens</i> Devil's Claw; Grapple Plant	2	
<i>Helianthus tuberosus</i> Jerusalem Artichoke	4	5588.0
<i>Helianthus annuus</i> Sunflower; Girasol	3	250848.0
<i>Hibiscus sabdariffa</i> Rosella (Ger.); Sorrel; Roselle; Indian Sorrel; Acedera de Guinea (Sp.); Sereni (Sp.); Kharkadi; Jamaica Sorrel; Malventee (Ger.); Red Sorrel; Rosa de Jamaica (Sp.)	3	93091.0
<i>Hibiscus rosa-sinensis</i> Chinese hibiscus; Shoe-flower	2	
<i>Hippophae rhamnoides</i> Sallow Thorn; Sea Buckthorn; Yellow Spine	2	
<i>Hordeum vulgare</i> Barleygrass; Barley	4	7117.6

Plant	# Chemicals	Total PPM
<i>Humulus lupulus</i> Hops	4	283570.8
<i>Hydrangea arborescens</i> Smooth Hydrangea; Hydrangea	1	
<i>Hydrastis canadensis</i> Goldenseal	2	1367.2
<i>Hylocereus undatus</i> Nopalito De Noche; Strawberry Pear; Belle-of-the-Night; Night-Blooming Cereus; Queen-of-the-Night	2	
<i>Hylocereus guatemalensis</i> Nopalito De Guatemala; Guatemala Cereus	2	
<i>Hypericum perforatum</i> Goatweed; St. John's-wort; Klamath Weed; Hypericum; Common St. Johnswort	4	3390.0
<i>Inga feuillei</i> Ice Cream Bean; Pacay	1	
<i>Inga edulis</i> Icecream Bean; Guaba	2	
<i>Inula helenium</i> Elecampane	1	
<i>Ipomoea batatas</i> Sweet Potato	4	76319.8
<i>Ipomoea aquatica</i> Swamp Cabbage; Water Spinach	4	56118.0
<i>Iris x germanica</i> Orris	1	19860.0
<i>Juglans regia</i> English Walnut	3	56114.0
<i>Juglans nigra</i> Black Walnut	3	8.0
<i>Juglans cinerea</i> Butternut	1	31202.0
<i>Juniperus communis</i> Juniper; Common Juniper	3	15202.4
<i>Justicia pectoralis</i> Curia; Angel Of Death; Bolek Hena	3	3739.4
<i>Justicia adhatoda</i> Malabar Nut	1	
<i>Kalmia latifolia</i> Spoonwood; Mountain Laurel; Calico Bush	1	
<i>Krameria triandra</i> Rhatany	1	
<i>Lablab purpureus</i> Lablab Bean; Bonavist Bean; Hyacinth Bean	3	24967.2
<i>Lactuca sativa</i> Lettuce	3	25016.6
<i>Lagenaria siceraria</i> Calabash Gourd; White-Flowered Gourd	3	425203.0
<i>Larrea tridentata</i> Creosote Bush; Chaparral	3	9930.2
<i>Lens culinaris</i> Lentil	3	22648.0
<i>Lentinus edodes</i> Shiitake	1	
<i>Leonurus cardiaca</i> Motherwort	1	84.0
<i>Lepidium sativum</i> Garden Cress	2	13035.0
<i>Lepidium meyenii</i> Peruvian Ginseng; Maca	3	
<i>Licania platypus</i> Sansapote	2	
<i>Limonia acidissima</i> Manzana De Elefante; Wood-Apple; Elephant Apple	2	
<i>Linum usitatissimum</i> Flax; Linseed	3	200003.6
<i>Lobelia inflata</i> Lobelia; Indian Tobacco	2	4510.4
<i>Luffa aegyptiaca</i> Luffa; Smooth Loofah; Vegetable Sponge	2	24022.0
<i>Lupinus mutabilis</i> Chocho; Tarhui; Andean Lupine	1	16.6
<i>Lupinus albus</i> White Lupine	2	34384.0
<i>Lycium chinense</i> Chinesischer Bocksdorn (Ger.); Wolfberry; Lyciet de Chine (Fr.); Chinese Matrimony Vine; Chinese Wolfberry; Daun Koki (Indones.); Spina Santa Chinese (Ital.); Chinese Boxthorn; Gou Qi (Chin.); Kuko (Jap.); Kaukichai (Malays.)	4	3553.4
<i>Lycium chilense</i> Chilean Wolfberry	1	
<i>Lycium barbarum</i> Matrimony Vine; Ning Xia Gou Qi (Chin.); Duke of Argyll's Eta Tree; Barbary Matrimony Vine; Common Matrimony Vine	1	
<i>Lycopersicon esculentum</i> Tomato	5	75382.0

Plant	# Chemicals	Total PPM
<i>Lycopus europeus</i> European Bugle	1	
<i>Lythrum salicaria</i> Purple Loosestrife	1	
<i>Macadamia</i> spp Macadamia	3	7638.0
<i>Maclura pomifera</i> Hedge Apple; Osage-Orange	2	
<i>Malpighia glabra</i> Acerola	2	344466.6
<i>Malus domestica</i> Apple	5	134972.0
<i>Malva sylvestris</i> High Mallow	2	5750.0
<i>Malva parviflora</i> Cheeseweed	2	9492.0
<i>Malva neglecta</i> Cheeses; Common Mallow	1	2350.0
<i>Mammea americana</i> Mamey	2	
<i>Mangifera indica</i> Mango	3	12190.4
<i>Manihot esculenta</i> Cassava; Yuca; Tapioca	3	27154.2
<i>Manilkara zapota</i> Sapodilla	2	
<i>Maranta arundinacea</i> Arrowroot; Bermuda Arrowroot	2	438.0
<i>Marrubium vulgare</i> White Horehound; Horehound	2	
<i>Matricaria recutita</i> Annual Camomile; Wild Camomile; German Camomile	2	
<i>Mauritia flexuosa</i> Aguaje; Buruti; Morichi palm	2	
<i>Medicago sativa</i> Lucerne; Alfalfa	4	10849.0
<i>Melia azedarach</i> Chinaberry	1	
<i>Melicococcus bijugatas</i> Genip; Mamoncillo; Honey berry; Pitomba	1	
<i>Mentha x piperita</i> Peppermint	5	60024.2
<i>Mentha spicata</i> Spearmint; Hortela da Folha Miuda	3	6.0
<i>Menyanthes trifoliata</i> Bogbean; Bog Myrtle; Buckbean; Marsh Clover; Marsh Trefoil; Water Trefoil	2	4094.0
<i>Mimosa pudica</i> Sensitive Plant	2	5174.0
<i>Mimulus glabratus</i> Huaca-Mullo	2	4416.0
<i>Momordica charantia</i> Sorosi; Bitter Melon	4	97758.0
<i>Morinda citrifolia</i> Indian Mulberry; Noni	2	4654.0
<i>Moringa oleifera</i> Jacinto (Sp.); Benzolive Tree; Ben Nut; Drumstick Tree; Horseradish Tree; Moringa; West Indian Ben	3	
<i>Morus alba</i> White Mulberry; Sang-Pai-Pi	3	8084.0
<i>Mucuna pruriens</i> Velvetbean; Cowage	2	30541.4
<i>Muntingia calabura</i> Jamaica cherry; Yumansa; Cereso	2	
<i>Murraya</i> sp None	3	3787.2
<i>Murraya koenigii</i> Curry Leaf Tree; Indian Curry Tree; Curry Leaf	2	
<i>Musa x paradisiaca</i> Banana; Plantain	4	112064.6
<i>Myrciaria dubia</i> Camo Camo (Peru); Camu-camu (Eng.,Peru,Scn.,Sp.); Rumberry (Eng.); Camu-camu Negro (Peru); Araza de Agua (Sp.); Guapuro Blanco (Bol.)	2	
<i>Myrciaria cauliflora</i> Jaboticaba	2	
<i>Myrica cerifera</i> Wax Myrtle; Southern Bayberry; Bayberry; Candle-Berry	2	1312.0
<i>Myristica fragrans</i> nogal moscado (Sp.); Nutmeg; Muskatnussbaum (Ger.); Mace; nuez moscada (Sp.)	2	12014.0
<i>Nandina domestica</i> Southern Heaven Bamboo; Heavenly Bamboo; Sacred Bamboo; Nanten (Jap.)	1	
<i>Nasturtium officinale</i> Watercress; Berro	3	72216.0
<i>Nelumbo nucifera</i> Water Lotus	3	28395.0
<i>Nepeta cataria</i> Catnip	1	



Plant	# Chemicals	Total PPM
<i>Nicotiana tabacum</i> Tobacco	2	
<i>Nigella sativa</i> Black Caraway; Roman Coriander; Fennel-Flower; Nutmeg-Flower; Black Cumin	2	46554.0
<i>Ocimum tenuiflorum</i> Anise-Scented Basil	1	
<i>Ocimum sanctum</i> Holy Basil; Tulsi	1	
<i>Ocimum basilicum</i> Basil; Cuban Basil; Sweet Basil	3	16419.0
<i>Oenothera biennis</i> Evening-Primrose	1	21706.0
<i>Olea europaea</i> Olive	1	
<i>Opuntia ficus-indica</i> Nopal; Prickly Pear; Indian Fig; Nopalito	4	41272.799999999996
<i>Origanum vulgare</i> Pot Marjoram; Oregano; Wild Oregano; Wild Marjoram; European Oregano; Common Turkish Oregano	2	8.0
<i>Origanum majorana</i> Marjoram; Sweet Marjoram	2	1116.0
<i>Oryza sativa</i> Rice	3	7.8
<i>Oxalis tuberosa</i> Oca; Papa Roja; Quiba	2	4574.2
<i>Pachira macrocarpa</i> Large-Fruited Provision Tree	2	510.6
<i>Pachyrhizus erosus</i> Yambean	3	9407.4
<i>Paeonia officinalis</i> Double Peony	1	
<i>Panax quinquefolius</i> American Ginseng; Ginseng	3	3158.0
<i>Panax ginseng</i> Korean Ginseng; Chinese Ginseng; Oriental Ginseng; Ginseng	4	3.4
<i>Papaver somniferum</i> Poppyseed Poppy; Opium Poppy	4	24113.8
<i>Papaver bracteatum</i> Great Scarlet Poppy	1	18700.0
<i>Paris quadrifolia</i> Herb Paris	1	
<i>Parthenium integrifolium</i> Feverfew; Wild Quinine; Missouri Snakeroot; Prairie-Dock; American Feverfew	1	
<i>Passiflora quadrangularis</i> Granadilla	2	6750.0
<i>Passiflora mollissima</i> Granadilla De Guineo; Banana Passionfruit	1	
<i>Passiflora ligularis</i> Granadilla; Sweet Granadilla	2	
<i>Passiflora incarnata</i> Mayapple; Manzana de Mayo; Passionflower	1	
<i>Passiflora foetida</i> Granadilla Cimarrona; Stinking Granadilla	2	
<i>Passiflora edulis</i> Maracuya; Passionfruit	3	
<i>Pastinaca sativa</i> Parsnip	2	1682.8
<i>Peperomia pereskiiifolia</i> Perejil	2	
<i>Peperomia pelucida</i> Pepper elder; Yerba de la plata	2	
<i>Pereskia aculeata</i> Barbados Gooseberry; Grosela Americana	2	
<i>Perideridia gairdneri</i> Squaw Root	2	4288.0
<i>Perilla frutescens</i> Perilla	2	6996.0
<i>Persea schiedeana</i> Palta De Monte; Wild Pear; Wild Avocado	2	
<i>Persea americana</i> Avocado	3	8448.4
<i>Petasites japonicus</i> Butterbur	3	11457.2
<i>Petasites hybridus</i> European Butterbur	1	
<i>Petroselinum crispum</i> Parsley	2	15404.0
<i>Phaseolus vulgaris</i> Haricot Vert; Kidney Bean; String Bean; Snap Bean; Garden Bean; Dwarf Bean; Popping Bean; Black Bean; Navy Bean; French Bean; Field Bean; Wax Bean; Green Bean; Flageolet Bean; Haricot Bean; Haricot; Pop Bean	3	93540.8
<i>Phaseolus lunatus</i> Lima Bean; Butter Bean	3	22496.2
<i>Phaseolus coccineus</i> Scarlet Runner Bean	2	603.8

Plant	# Chemicals	Total PPM
<i>Phaseolus acutifolius</i> Tepary Bean	2	
<i>Phoenix dactylifera</i> Date Palm	3	7523.4
<i>Phragmites australis</i> Ditch Reed; Giant Reed; Reed Grass; Common Reed	1	
<i>Phyllanthus emblica</i> Myrobalan; Emblic	4	56549.8
<i>Phyllanthus acidus</i> Indian Gooseberry; Otaheite Gooseberry	2	2570.0
<i>Physalis peruviana</i> Ground Cherry; Cape Gooseberry	3	19739.4
<i>Physalis ixocarpa</i> Tomatillo	3	1046.0
<i>Physalis alkekengi</i> Bladderherb; Lantern	2	22000.0
<i>Physostigma venenosum</i> Calabar Bean	1	
<i>Phytelephas aequatorialis</i> EQUATORIAL IVORY PALM	1	
<i>Phytolacca americana</i> Pokeweed	2	32388.0
<i>Picrasma excelsa</i> Jamaican Quassia; Bitterwood	2	
<i>Pimenta dioica</i> Jamaica-Pepper; Clover-Pepper; Allspice; Pimento; Pimenta	2	4136.2
<i>Pimpinella anisum</i> Anise; Sweet Cumin	1	18.0
<i>Pinellia ternata</i> Ban-Xia; Pan-Hsia	1	
<i>Pinus sylvestris</i> Scotch Pine	1	6000.0
<i>Pinus pinea</i> Italian Stone Pine; Pignolia	2	
<i>Pinus gerardiana</i> Chilgoza Pine	1	
<i>Pinus edulis</i> Pinyon Pine	3	
<i>Pinus cembroides</i> Mexican Pinyon	2	
<i>Piper nigrum</i> Black Pepper; White Pepper; Pepper	2	23.244
<i>Piper betel</i> Betel Pepper	2	4269.6
<i>Piper auritum</i> Cordoncillo; Hoja Santa; Hierba Santa	2	6753.4
<i>Pistacia vera</i> Pistachio	2	93382.0
<i>Pisum sativum</i> Pea	5	100969.8
<i>Plantago psyllium</i> Psyllium	2	
<i>Plantago ovata</i> Ispaghula; Blond Psyllium; Indian Plantago; Spogel Seeds; Psyllium	1	
<i>Plantago major</i> Common Plantain	1	
<i>Platonia insignis</i> Pacouri; Bakuri	2	
<i>Platycodon grandiflorum</i> Balloon Flower; Jie-Geng; Chieh-Keng	2	2.6
<i>Plectranthus amboinicus</i> French Thyme; Amboini Coleus; Soup Mint; Country Borage; Mexican Mint; Spanish Thyme; Indian Borage; Cuban Oregano	2	
<i>Plumeria acutifolia</i> Frangipani	1	112000.0
<i>Polygala senega</i> Seneca Snakeroot; Senega	1	
<i>Polygonum multiflorum</i> Chinese Knotweed; Fleeceflower; He Shou Wu; Chinese Cornbind; Fo Ti	2	0.2
<i>Polymnia edulis</i> Andean Jicama	2	2802.2
<i>Portulaca oleracea</i> Purslane; Verdolaga	3	36020.0
<i>Pothomorphe</i> sp. Santiago	1	
<i>Pourouma cecropiaefolia</i> Uvilla; Tree Grape	2	
<i>Pouteria viridis</i> Sapote Verde; Green Sapote	2	
<i>Pouteria campechiana</i> Canistel	2	
<i>Pouteria caimito</i> Caimito; Abiu	2	
<i>Prunus spinosa</i> Sloe; Blackthorn	1	

Plant	# Chemicals	Total PPM
<i>Prunus salicifolia</i> Wild Cherry; Capulin	2	
<i>Prunus persica</i> Peach	3	6146.0
<i>Prunus dulcis</i> Almond	3	25889.2
<i>Prunus domestica</i> Plum	4	83025.8
<i>Prunus cerasus</i> Sour Cherry	3	1756.0
<i>Prunus armeniaca</i> Apricot	3	7358.0
<i>Psidium guajava</i> Guava	4	70527.0
<i>Psidium cattleianum</i> Strawberry Guava	3	7203.8
<i>Psophocarpus tetragonolobus</i> Asparagus Pea; Winged Bean; Goa Bean	3	56458.4
<i>Psoralea esculenta</i> Indian Bread-Root; Prairie Turnip; Indian Turnip; Breadroot; Prairie Potato; Prairie Apple	2	2536.0
<i>Pterocarpus marsupium</i> bijasal; Indian Kino; Malabar Kino	1	
<i>Punica granatum</i> Zakuro (Jap.); Pomegranate; Mangrano (Sp.); Grenadier (Fr.); Granado (Sp.); Granatapfelbaum (Ger.); Romanzeiro (Port.); Granatapfelstrauch (Ger.)	3	86680.0
<i>Pyrus communis</i> Pear	4	81860.4
<i>Quararibea cordata</i> Sapote; Chupa-Chupa	2	
<i>Quercus robur</i> English Oak	1	
<i>Quercus alba</i> White Oak	3	254.0
<i>Raphanus sativus</i> Radish	3	50741.200000000004
<i>Rehmannia glutinosa</i> Chinese Foxglove	1	4000.0
<i>Rhamnus cathartica</i> Buckthorn; European Buckthorn	2	
<i>Rheum rhabarbarum</i> Rhubarb	2	8847.6
<i>Rheum officinale</i> Chinese Rhubarb	1	
<i>Rhizophora mangle</i> Red Mangrove	1	
<i>Rhodymenia palmata</i> Dulse	2	243.2
<i>Ribes uva-crispa</i> Gooseberry	3	4800.0
<i>Ribes rubrum</i> Red Currant; White Currant	3	21112.0
<i>Ribes nigrum</i> Black Currant	3	20066.0
<i>Rollinia mucosa</i> Biriba; Lancewood	2	
<i>Rosa</i> spp Rose Hips	1	25000.0
<i>Rosa rubiginosa</i> Rosa Mosqueta	2	117000.0
<i>Rosa multiflora</i> Multiflora Rose	1	4000.0
<i>Rosa gallica</i> French Rose	2	16940.0
<i>Rosa centifolia</i> Cabbage Rose	1	
<i>Rosa canina</i> Rose; Dog Rose; Dogbrier	3	282407.6
<i>Rosmarinus officinalis</i> Rosemary	4	1358.0
<i>Rubus idaeus</i> Red Raspberry; Raspberry	3	36946.8
<i>Rubus fruticosus</i> Blackberry	1	
<i>Rumex crispus</i> Yellow Dock; Curly Dock; Lengua De Vaca; Sour Dock	2	8140.4
<i>Rumex acetosella</i> Sheep Sorrel	1	24000.0
<i>Rumex acetosa</i> Garden Sorrel	2	24818.0
<i>Ruscus aculeatus</i> Box-Holly; Butcher's Broom	2	293.6
<i>Ruta graveolens</i> Rue	1	9580.0
<i>Salix alba</i> White Willow	3	136.0

Plant	# Chemicals	Total PPM
<i>Salvia officinalis</i> Sage	4	716.0
<i>Sambucus nigra</i> European Elderberry; Black Elder; European Elder; Elder; European Alder	3	4602.0
<i>Sambucus canadensis</i> Elderberry; American Elder; American Elderberry; Sweet Elder	3	7134.0
<i>Satureja hortensis</i> Summer Savory	1	8.0
<i>Schisandra chinensis</i> Wu Wei Zi; Magnolia Vine; Schizandra; Five-Flavor-Fruit; Chinese Magnolia Vine; Wu Wei Zu	2	2044.0
<i>Sclerocarya caffra</i> Marula	2	16388.0
<i>Scutellaria lateriflora</i> Scullcap; Mad-Dog Skullcap	2	2055.6
<i>Scutellaria baicalensis</i> Chinese Skullcap; Huang Qin; Baikal Skullcap	1	
<i>Secale cereale</i> Rye	2	
<i>Sechium edule</i> Chayote	3	24928.0
<i>Senna obtusifolia</i> Sicklepod	1	13780.0
<i>Senna alexandrina</i> Indian Senna; Alexandran senna; True Senna	1	
<i>Serenoa repens</i> Saw Palmetto; Scrub-Palmetto	3	
<i>Sesamum indicum</i> Sesamo (Sp.); Sesame; Ajonjoli (Sp.); Benneseed; Beni	2	39856.0
<i>Sicana odorifera</i> Cassabanana	2	
<i>Sida rhombifolia</i> Broomweed; Teaplant	2	9112.0
<i>Silybum marianum</i> Lady's Thistle; Milk Thistle	3	
<i>Sinapis alba</i> White Mustard	3	28088.0
<i>Smilax</i> spp Sarsaparilla	1	
<i>Smilax officinalis</i> Sarsaparilla	1	
<i>Solanum tuberosum</i> Potato	5	225390.0
<i>Solanum torvum</i> Wild Eggplant; Susumba	2	566.0
<i>Solanum sessiliflorum</i> Cocona	1	
<i>Solanum quitoensis</i> Naranjillo	2	
<i>Solanum nigrum</i> Black Nightshade	2	8158.0
<i>Solanum melongena</i> Aubergine; Eggplant	4	244436.0
<i>Sonchus oleraceus</i> Sow Thistle; Cerraja	2	1288.0
<i>Sophora japonica</i> Japanese Pagoda Tree	1	940.0
<i>Sorbus aucubaria</i> Rowan Berry	2	25300.0
<i>Sphenostylis stenocarpa</i> Yam Pea; African Yam Bean	1	15.2
<i>Spinacia oleracea</i> Spinach	3	47038.4
<i>Spirulina</i> spp. Spirulina	1	
<i>Spirulina pratensis</i> Spirulina	2	102.0
<i>Spondias purpurea</i> Purple Plum; Purple Jobo	2	4057.4
<i>Spondias pinnata</i> Yellow Mombin; Yellow Plum	2	4334.2
<i>Spondias mombin</i> Yellow Mombin; Yellow Plum	2	3239.0
<i>Spondias dulcis</i> Ambarella	3	200708.0
<i>Stachys officinalis</i> Purple Betony; Bishop's-Wort; Betony; Wood Betony	3	10000.0
<i>Stellaria media</i> Chickweed; Common Chickweed	2	5573.2
<i>Stevia rebaudiana</i> Sweet Leaf of Paraguay; Stevia; Ca-A-E	2	220.0
<i>Symphytum officinale</i> Comfrey	2	266.4
<i>Syringa vulgaris</i> Lilac	1	

Plant	# Chemicals	Total PPM
<i>Syzygium malaccense</i> Mammey Pomorrosa; Ohia; Malay Apple	2	
<i>Syzygium jambos</i> Pomarrosa; Rose Apple	2	
<i>Syzygium cumini</i> Jambolan; Java Plum; Aceituna Dulce	2	
<i>Syzygium aromaticum</i> Clove; Clovetree	2	1622.0
<i>Tabebuia heptaphylla</i> Pau D'Arco	2	362.0
<i>Tamarindus indica</i> Tamarind; Indian Tamarind; Kilytree	3	52930.0
<i>Tanacetum parthenium</i> Feverfew	2	
<i>Taraxacum officinale</i> Dandelion	3	9732.0
<i>Terminalia chebula</i> Myrobalan; Chebulic Myrobalan; Black Myrobalan; Ink Nut	2	6000.0
<i>Terminalia catappa</i> Tropical Almond; Indian Almond; Malabar Almond	2	14.0
<i>Tetragonia tetragonioides</i> New Zealand Spinach	2	10013.4
<i>Theobroma speciosum</i> Macambo	2	
<i>Theobroma cacao</i> Cacao	5	1868.0
<i>Theobroma bicolor</i> Nicaraguan Cacao; Pataste	2	
<i>Thuja occidentalis</i> Arbor-Vitae; Northern White-Cedar	1	
<i>Thymus vulgaris</i> Common Thyme; Garden Thyme; Thyme	3	12.0
<i>Tilia</i> sp. Lime; Basswood; Linden	2	
<i>Trachyspermum ammi</i> Ajwan	1	4.6
<i>Tragopogon porrifolius</i> Salsify	2	988.0
<i>Tribulus terrestris</i> Puncture-vine	1	
<i>Trichosanthes anguina</i> Snakegourd	2	14.8
<i>Trifolium pratense</i> Red Clover; Cowgrass; Purple Clover; Peavine Clover	2	5940.4
<i>Trigonella foenum-graecum</i> Greek Hay; Greek Clover; Bockshornklee (Ger.); Fenugreek; Alholva (Sp.)	3	30436.0
<i>Triticum aestivum</i> Wheat	4	14746.0
<i>Tropaeolum tuberosum</i> Mashua; Anu	2	9618.6
<i>Tropaeolum majus</i> Nasturtium	2	15113.0
<i>Tulipa gesneriana</i> Tulip	1	
<i>Turnera diffusa</i> Damiana	2	1969.6
<i>Ulex europaeus</i> Gorse	1	
<i>Ullucus tuberosus</i> Ulluco; Melloco	2	3508.6
<i>Ulmus rubra</i> Slippery Elm; Red Elm	2	10.0
<i>Urtica dioica</i> European Nettle; Stinging Nettle	5	1670.8
<i>Vaccinium vitis-idaea</i> Lingon; Cowberry; Lingonberry	2	11730.0
<i>Vaccinium myrtillus</i> Bilberry; Dwarf Bilberry; Whortleberry	4	3316.0
<i>Vaccinium macrocarpon</i> Large Cranberry; American Cranberry; Cranberry	3	2208.0
<i>Vaccinium corymbosum</i> Blueberry	3	5400.2
<i>Valeriana officinalis</i> Common Valerian; Garden-Heliotrope; Valerian	2	3.2
<i>Valerianella locusta</i> Corn Salad; Lamb's Lettuce	1	21940.0
<i>Verbascum thapsus</i> Flannelplant; Mullein; Velvetplant; Flannelleaf; Great Mullein	2	1552.0
<i>Viburnum opulus</i> European Cranberry Bush; Snowballbush; Crampbark; Guelder Rose	2	100000.0
<i>Vicia faba</i> Faba Bean; Habas; Broadbean	3	29338.8
<i>Vigna unguiculata</i> Black-eyed Pea; Cowpea; Crowder Pea; Southern Pea	3	29556.0

Plant	# Chemicals	Total PPM
<i>Vigna subterranea</i> Bambarra Groundnut; Groundbean	1	10.4
<i>Vigna radiata</i> Green Gram; Mungbean	4	37368.0
<i>Vigna mungo</i> Black Gram	2	909.0
<i>Vigna angularis</i> Adzuki Bean	3	17481.2
<i>Vigna aconitifolia</i> Mat Bean; Moth Bean	2	100.4
<i>Viscum album</i> European Mistletoe	1	15000.0
<i>Vitellaria paradoxa</i> Shea; Sheatree; Butterseed; Shea-Butter-Tree; Shea Nut	1	
<i>Vitis vinifera</i> European Grape; Vigne Vinifere (Fr.); Grapevine; Weinrebe (Ger.); Wine Grape; Grape; Parra (Sp.); Vid (Sp.)	7	19449.8
<i>Xanthosoma sagittifolium</i> Tannia; Malanga; Yautia	1	7.6
<i>Yucca baccata</i> Yucca; Banana Yucca; Blue Yucca; Spanish Bayonet	2	266.8
<i>Zea mays</i> Corn	5	45364.2
<i>Zingiber officinale</i> Ginger	3	5612.0
<i>Zizyphus spina-christi</i> Syrian Christ-Thorn	2	660.8
<i>Zizyphus jujuba</i> Jujube; Ta-Tsao; Da-Zao	3	15766.6