

# A Antiprostanoid

\*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 moschatus</i> Muskmallow; Ambrette; Musk Okra; Tropical Jewel Hibiscus	1	
<i>Abelmoschus esculentus</i> Okra	1	
<i>Abutilon theophrasti</i> Indian-Mallow; Velvet Leaf; Abutilon-Hemp; Butterprint	1	
<i>Acacia senegal</i> Kher; Sudan Gum Arabic; Gum Arabic; Gum Arabic Tree; Senegal Gum	1	
<i>Acacia nilotica</i> Babul	1	
<i>Acacia catechu</i> Black Cutch; Catechu	1	
<i>Achillea millefolium</i> Milfoil; Yarrow	1	
<i>Acinos suaveolens</i>	1	
<i>Actinidia chinensis</i> Kiwi	1	
<i>Aesculus hippocastanum</i> Horse Chestnut	1	
<i>Agathosma betulina</i> Honey Buchu; Buchu; Mountain Buchu	1	
<i>Ageratum conyzoides</i> Mexican ageratum	1	
<i>Agrimonia eupatoria</i> Agrimony; Sticklewort	1	
<i>Ailanthus altissima</i> Tree Of Heaven; Stinktree	1	
<i>Albizia lebbek</i> Frywood; Women's-Tongue Tree; Lebbek; East Indian Walnut; Siris Tree; Koko; Lebbek Tree	1	
<i>Allium schoenoprasum</i> Chives	1	18.0
<i>Allium sativum</i> var. <i>sativum</i> Garlic	1	400.0
<i>Allium cepa</i> Onion; Shallot	1	96200.0
<i>Alpinia officinarum</i> Lesser Galangal; Chinese Ginger	1	
<i>Althaea officinalis</i> White Mallow; Marshmallow	1	
<i>Ammi visnaga</i> Visnaga	1	
<i>Ammi majus</i> Bishop's Weed	1	
<i>Anastatica hierochuntica</i> Jericho Rose	1	
<i>Anemone pulsatilla</i> Pasque Flower	1	
<i>Anethum graveolens</i> Garden Dill; Dill	1	
<i>Anogeissus latifolia</i> Gum Ghatti	1	
<i>Apium graveolens</i> Celery	1	
<i>Arachis hypogaea</i> Groundnut; Peanut	1	
<i>Araucaria bidwillii</i> Monkey puzzle	1	
<i>Arctostaphylos uva-ursi</i> Bearberry; Uva Ursi	1	
<i>Ardisia japonica</i> Marlberry	1	
<i>Armoracia rusticana</i> Horseradish	1	
<i>Artemisia dracunculus</i> Tarragon	1	
<i>Artemisia annua</i> Annual Mugwort (GRIN); Sweet Annie; Qinghao; Annual Wormwood (GRIN); Sweet Wormwood (GRIN)	1	
<i>Artocarpus altilis</i> Breadfruit	1	
<i>Asimina triloba</i> Pawpaw	1	
<i>Aspalathus linearis</i> Red Bush Tea; Rooibos; Kaffree Tea	1	
<i>Asparagus officinalis</i> Asparagus	1	
<i>Astragalus membranaceus</i> Huang Qi; Huang-Chi	1	

Plant	# Chemicals	Total PPM
<i>Avena sativa</i> Oats	1	620.0
<i>Azadirachta indica</i> Neem	1	2000.0
<i>Barosma betulina</i> Buchu	1	
<i>Basella alba</i> Vinespinach	1	
<i>Berberis vulgaris</i> Barberry	1	
<i>Beta vulgaris</i> Sugar Beet; Garden Beet; Beetroot; Beet	1	
<i>Borago officinalis</i> Borage; Beebread; Beeplant; Talewort	1	
<i>Brassica oleracea</i> var. <i>sabellica</i> I. Scotch Kale; Kitchen Kale; Kale; Curly Kale	1	100.0
<i>Brassica oleracea</i> var. <i>italica</i> Calabrese; Cape Broccoli; Asparagus Broccoli; Heading Broccoli; Sprouting Broccoli; Broccoli; Winter Broccoli; Purple Cauliflower	1	
<i>Brassica oleracea</i> var. <i>gemmifera</i> Brussels-Sprouts; Brussel-Sprout	1	50.0
<i>Brassica oleracea</i> var. <i>capitata</i> I. Cabbage; White Cabbage; Red Cabbage	1	200.0
<i>Brassica oleracea</i> var. <i>botrytis</i> I. Cauliflower	1	12.0
<i>Brassica oleracea</i> Kohlrabi	1	40.0
<i>Caesalpinia pulcherrima</i> Bird Of Paradise	1	
<i>Calendula officinalis</i> Calendula; Pot-Marigold	1	
<i>Camellia sinensis</i> Tea	1	20000.0
<i>Camptotheca acuminata</i> Happy Tree	1	
<i>Capparis spinosa</i> Caperbush; Caper	1	
<i>Capsicum frutescens</i> Chili; Tabasco; Red Chili; Spur Pepper; Hot Pepper; Cayenne	1	126.0
<i>Carum carvi</i> Kummel (Ger.); Carum; Comino de prado (Sp.); Comino (Sp.); Caraway	1	
<i>Castanea sativa</i> European Chestnut	1	
<i>Catharanthus roseus</i> Rosy Periwinkle; Madagascar Periwinkle	1	
<i>Cedrus deodora</i> Deodar Cedar	1	
<i>Ceiba pentandra</i> Silk-Cotton Tree; Kapok	1	
<i>Centaurea cyanus</i> Bachelor's Button; Cornflower	1	
<i>Centaurea calcitrapa</i> Star-Thistle	1	
<i>Centella asiatica</i> Gotu Kola; Pennywort	1	
<i>Ceratonia siliqua</i> Locust Bean; Carob; St.John's-Bread	1	
<i>Cichorium intybus</i> Witloof; Chicory; Succory	1	
<i>Cichorium endivia</i> Escarole; Endive	1	
<i>Cinnamomum camphora</i> Ho Leaf; Camphor	1	
<i>Citrus sinensis</i> Orange	1	
<i>Citrus paradisi</i> Grapefruit	1	
<i>Citrus limon</i> Lemon	1	
<i>Commiphora wightii</i> Indian Bdellium-Tree; Guggul	1	
<i>Consolida ajacis</i> Larkspur	1	
<i>Coriandrum sativum</i> Coriander; Cilantro; Chinese Parsley	1	
<i>Coriaria thymifolia</i> Ground Toot; Shanshi	1	
<i>Coriaria myrtifolia</i> Mealy Tree	1	
<i>Cornus mas</i> Sorbet; Cornelian Cherry	1	
<i>Cornus florida</i> American Dogwood	1	

Plant	# Chemicals	Total PPM
<i>Corylus avellana</i> English Filbert; European Filbert; Hazel; European Hazel; Cobnut	1	1
<i>Crataegus rhipidophylla</i> Hawthorn	1	1
<i>Crataegus monogyna</i> Hawthorn; English Hawthorn	1	1
<i>Crataegus laevigata</i> Woodland Hawthorn; English Hawthorn; Hawthorn; Whitethorn	1	1
<i>Crataegus cuneata</i> Hawthorn	1	1
<i>Crocus sativus</i> Saffron	1	1
<i>Cucurbita pepo</i> Pumpkin	1	1
<i>Curcuma longa</i> Turmeric; Indian Saffron	1	1
<i>Cyamopsis tetragonoloba</i> Guar; Siam-Bean; Cluster-Bean	1	1
<i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass	1	1
<i>Cynara cardunculus</i> Artichoke	1	1
<i>Cytisus scoparius</i> Scotch Broom	1	1
<i>Daucus carota</i> Carrot	1	1
<i>Diospyros virginiana</i> American Persimmon	1	1
<i>Dodonaea viscosa</i> Hopwood	1	1
<i>Drimys winteri</i> Winter's Bark	1	1
<i>Echinacea</i> spp Coneflower; Echinacea	1	1
<i>Echinacea purpurea</i> Eastern Purple-Coneflower; Purple-Coneflower; Echinacea	1	1
<i>Echinacea angustifolia</i> Narrow Leaf Echinacea; Narrow Leaf Purple-Coneflower; Echinacea	1	1
<i>Elaeagnus angustifolia</i> Russian Olive; Silver Berry	1	1
<i>Equisetum arvense</i> Horsetail; Field Horsetail	1	1
<i>Eriobotrya japonica</i> Loquat	1	1
<i>Eucalyptus globulus</i> Eucalypt; Tasmanian Bluegum; Blue Gum	1	1
<i>Eucommia ulmoides</i> Du Zhong; Tu Chung; Gutta-Percha Tree	1	1
<i>Eupatorium perfoliatum</i> Boneset	1	1
<i>Euphorbia lathyris</i> Mole Plant; Caper Spurge	1	1
<i>Euphorbia hirta</i> Queensland Asthma Herb	1	1
<i>Euphrasia officinalis</i> Eyebright	1	1
<i>Fagopyrum esculentum</i> Buckwheat	1	1
<i>Ficus carica</i> Figuiet Commun (Fr.); Higo (Sp.); Figueira (Port.); Feigenbaum (Ger.); Echte Feige (Ger.); Fig; Higuera Comun (Sp.); Fico (Ital.)	1	1
<i>Filipendula ulmaria</i> Meadowsweet; Queen Of The Meadow	1	1
<i>Foeniculum vulgare</i> Fennel	1	1
<i>Forsythia suspensa</i> Lien-Chiao; Lian-Jiao	1	1
<i>Fragaria</i> spp Strawberry	1	1
<i>Galega officinalis</i> Galega; Goat's Rue	1	1
<i>Geranium thunbergii</i> Gennoshiouko; Oriental Geranium	1	1
<i>Ginkgo biloba</i> Ginkgo; Maidenhair Tree	1	1
<i>Glycine max</i> Soybean	1	1
<i>Glycyrrhiza uralensis</i> Gan-Cao; Kan-Tsao; Chinese Licorice	1	1
<i>Glycyrrhiza glabra</i> Licorice-Root; Smooth Licorice; Common Licorice; Licorice	1	1
<i>Gossypium</i> sp Cotton	1	1

Plant	# Chemicals	Total PPM
<i>Guazuma tomentosa</i>	1	
<i>Haematoxylum campechianum</i> Logwood; Campechy	1	
<i>Hamamelis virginiana</i> Witch Hazel	1	
<i>Helianthus annuus</i> Girasol; Sunflower	1	1220.0
<i>Hibiscus rosa-sinensis</i> Chinese hibiscus; Shoe-flower	1	
<i>Hippophae rhamnoides</i> Sea Buckthorn; Yellow Spine; Sallow Thorn	1	
<i>Holarrhena pubescens</i> Zhi Xie Mu; Tellicherry Bark; Kurchi; Conessi	1	
<i>Houttuynia cordata</i> Yu Xing Cao; Dokudami; Fishwort	1	
<i>Humulus lupulus</i> Hops	1	
<i>Hydrangea arborescens</i> Hydrangea; Smooth Hydrangea	1	
<i>Hypericum perforatum</i> Klamath Weed; St. John's-wort; Goatweed; Hypericum; Common St. Johnswort	1	
<i>Inula helenium</i> Elecampane	1	
<i>Ipomoea batatas</i> Sweet Potato	1	
<i>Isatis tinctoria</i> Dyer's Woad	1	
<i>Juglans regia</i> English Walnut	1	
<i>Juglans nigra</i> Black Walnut	1	
<i>Juniperus communis</i> Juniper; Common Juniper	1	
<i>Kalanchoe spathulata</i> Beach Bells	1	
<i>Kalanchoe pinnata</i> Siempre Viva; Air Plant	1	
<i>Lactuca sativa</i> Lettuce	1	
<i>Laurus nobilis</i> Sweet Bay; Bayleaf; Bay; Bay Laurel; Grecian Laurel; Laurel	1	
<i>Ledum palustre</i> Marsh Tea; Wild Rosemary	1	
<i>Leonurus cardiaca</i> Motherwort	1	
<i>Ligustrum lucidum</i> Privet; Chinese Privet; Ligustri Fructus; White Waxtree; Glossy Privet	1	
<i>Ligustrum japonicum</i> Japanese Privet; Ligustri Fructus	1	
<i>Lippia dulcis</i> Sweet Herb	1	
<i>Ludwigia perennis</i> Perennial ludwigia	1	
<i>Ludwigia adscendens</i> Ascending ludwigia	1	
<i>Lycium chinense</i> Chinesischer Bocksdorn (Ger.); Kawkichai (Malays.); Daun Koki (Indones.); Kuko (Jap.); Wolfberry; Chinese Boxthorn; Lyciet de Chine (Fr.); Chinese Wolfberry; Gou Qi (Chin.); Spina Santa Cinese (Ital.); Chinese Matrimony Vine	1	
<i>Lycopersicon esculentum</i> Tomato	1	
<i>Maclura pomifera</i> Osage-Orange; Hedge Apple	1	
<i>Magnolia officinalis</i> Chinese Magnolia; Hou Pu; Magnolia-Bark	1	
<i>Magnolia kobus</i> Xin-Yi; Hsin-I	1	
<i>Magnolia denudata</i> Xin-Yi; Hsin-I	1	
<i>Malus domestica</i> Apple	1	526.0
<i>Mangifera indica</i> Mango	1	
<i>Maranta arundinacea</i> Bermuda Arrowroot; Arrowroot	1	
<i>Marrubium vulgare</i> Horehound; White Horehound	1	
<i>Matricaria recutita</i> Annual Camomile; German Camomile; Wild Camomile	1	
<i>Medicago sativa</i> Lucerne; Alfalfa	1	
<i>Melia azedarach</i> Chinaberry	1	
<i>Melilotus officinalis</i> Yellow Sweetclover	1	

Plant	# Chemicals	Total PPM
<i>Menyanthes trifoliata</i> Buckbean; Bog Myrtle; Bogbean; Marsh Trefoil; Water Trefoil; Marsh Clover	1	
<i>Moringa oleifera</i> Drumstick Tree; Jacinto (Sp.); Benzolive Tree; Ben Nut; Horseradish Tree; Moringa; West Indian Ben	1	
<i>Morus alba</i> Sang-Pai-Pi; White Mulberry	1	
<i>Musa x paradisiaca</i> Banana; Plantain	1	
<i>Myristica fragrans</i> nogal moscado (Sp.); Muskatnussbaum (Ger.); nuez moscada (Sp.); Mace; Nutmeg	1	
<i>Nelumbo nucifera</i> Water Lotus	1	
<i>Nerium oleander</i> Oleander	1	
<i>Nicotiana tabacum</i> Tobacco	1	
<i>Ocimum basilicum</i> Basil; Cuban Basil; Sweet Basil	1	
<i>Oenothera biennis</i> Evening-Primrose	1	414000.0
<i>Olea europaea</i> Olive	1	
<i>Ononis spinosa</i> Hauhechel (Ger.); Spiny Restharrow; Restharrow	1	
<i>Origanum vulgare</i> Common Turkish Oregano; Wild Oregano; European Oregano; Oregano; Pot Marjoram; Wild Marjoram	1	
<i>Paeonia suffruticosa</i> Moutan Peony; Tree Peony; Moutan	1	
<i>Paeonia moutan</i> Moutan; Tree Peony	1	
<i>Paeonia lactiflora</i> Peony; Common Garden Peony; Chih-Shao; White Peony; Bai Shao (Chinese)	1	
<i>Panax notoginseng</i> Sanchi Ginseng	1	
<i>Passiflora incarnata</i> Passionflower; Mayapple; Manzana de Mayo	1	
<i>Pastinaca sativa</i> Parsnip	1	
<i>Perilla frutescens</i> Perilla	1	
<i>Persea americana</i> Avocado	1	
<i>Petasites hybridus</i> European Butterbur	1	
<i>Petroselinum crispum</i> Parsley	1	
<i>Phoenix dactylifera</i> Date Palm	1	
<i>Phyllanthus niruri</i> Seed On The Leaf	1	
<i>Phyllanthus emblica</i> Myrobalan; Emblic	1	
<i>Pimpinella anisum</i> Anise; Sweet Cumin	1	
<i>Pinus sylvestris</i> Scotch Pine	1	
<i>Pinus mugo</i> Swiss Mountain Pine; Dwarf Pine	1	
<i>Piper nigrum</i> Pepper; White Pepper; Black Pepper	1	
<i>Pistacia lentiscus</i> Mastixbaum (Ger.); Lentisco (Sp.); Chios Mastictree; Mastictree; Mastic	1	
<i>Plumeria acutifolia</i> Frangipani	1	
<i>Podophyllum pleianthum</i> Chinese Mayapple	1	
<i>Podophyllum peltatum</i> Mayapple	1	100000.0
<i>Podophyllum hexandrum</i> Himalayan Mayapple	1	
<i>Polygonum hydropiperoides</i> Mild Water Pepper	1	
<i>Polygonum hydropiper</i> Common Smartweed	1	
<i>Polygonum aviculare</i> Prostrate Knotweed	1	
<i>Populus tacamahacca</i> Balm Of Gilead	1	
<i>Prosopis juliflora</i> Mesquite	1	
<i>Prunella vulgaris</i> Heal-All; Self-Heal	1	
<i>Prunus spinosa</i> Blackthorn; Sloe	1	

Plant	# Chemicals	Total PPM
<i>Prunus serotina</i> Black Cherry; Wild Cherry	1	
<i>Prunus persica</i> Peach	1	
<i>Prunus laurocerasus</i> Cherry Laurel	1	
<i>Prunus dulcis</i> Almond	1	
<i>Prunus domestica</i> Plum	1	
<i>Prunus cerasus</i> Sour Cherry	1	
<i>Prunus armeniaca</i> Apricot	1	
<i>Psidium guajava</i> Guava	1	
<i>Psidium cattleianum</i> Strawberry Guava	1	
<i>Pteridium aquilinum</i> Bracken; Bracken Fern	1	
<i>Pueraria montana</i> Kudzu; Kudzu	1	
<i>Punica granatum</i> Grenadier (Fr.); Granatapfelbaum (Ger.); Granado (Sp.); Mangrano (Sp.); Romanzeiro (Port.); Zakuro (Jap.); Pomegranate; Granatapfelstrauch (Ger.)	1	
<i>Pyrus communis</i> Pear	1	56.0
<i>Quercus velutina</i> Black Oak	1	
<i>Quercus robur</i> English Oak	1	
<i>Quercus infectoria</i> Aleppo Oak; Gall Oak; Dyer's Oak	1	
<i>Quercus alba</i> White Oak	1	
<i>Rhododendron dauricum</i> Chinese Alpenrose	1	
<i>Rhus toxicodendron</i> Poison Ivy	1	
<i>Rhus coriaria</i> Sumac; Tanner's Sumac; Sicilian Sumac	1	
<i>Ribes nigrum</i> Black Currant	1	
<i>Ricinus communis</i> Castorbean	1	
<i>Rosa</i> spp Rose Hips	1	
<i>Rosa damascena</i> Damask Rose	1	
<i>Rubus idaeus</i> Raspberry; Red Raspberry	1	
<i>Rumex crispus</i> Lengua De Vaca; Sour Dock; Curly Dock; Yellow Dock	1	
<i>Rumex acetosa</i> Garden Sorrel	1	
<i>Ruta graveolens</i> Rue	1	
<i>Salix alba</i> White Willow	1	
<i>Sambucus nigra</i> European Alder; European Elderberry; Elder; European Elder; Black Elder	1	
<i>Sambucus canadensis</i> Sweet Elder; Elderberry; American Elder; American Elderberry	1	
<i>Sanguisorba officinalis</i> Greater Burnet	1	
<i>Sanguisorba minor</i> Small Burnet	1	
<i>Schinus terebinthifolius</i> Brazilian Peppertree	1	
<i>Schinus molle</i> Mastic-Tree; California Peppertree; Peruvian Peppertree	1	
<i>Senna occidentalis</i> Coffee Senna	1	
<i>Silybum marianum</i> Milk Thistle; Lady's Thistle	1	
<i>Solanum tuberosum</i> Potato	1	
<i>Solidago virgaurea</i> European Goldenrod; Woundwort	1	
<i>Solidago gigantea</i> Early Goldenrod	1	
<i>Sophora japonica</i> Japanese Pagoda Tree	1	

Plant	# Chemicals	Total PPM
<i>Sorbus aucubaria</i> Rowan Berry	1	
<i>Spartium junceum</i> Weaver's Broom; Spanish Broom; Genet	1	
<i>Spinacia oleracea</i> Spinach	1	38.0
<i>Syzygium aromaticum</i> Clove; Clovetree	1	
<i>Tabebuia impetiginosa</i> Taheebo; Pau d'arco	1	
<i>Tagetes patula</i> French Marigold	1	
<i>Tagetes minuta</i> Mexican Marigold; Wild Marigold; Stinking-Roger; Aztec Marigold; Dwarf Marigold; Muster John Henry	1	
<i>Tanacetum vulgare</i> Tansy	1	
<i>Taraxacum officinale</i> Dandelion	1	
<i>Terminalia ivorensis</i> Idigbo; Satinwood; Blackbark; Brimstonewood; Emire; Shinglewood; Black Afara	1	
<i>Terminalia chebula</i> Black Myrobalan; Ink Nut; Chebulic Myrobalan; Myrobalan	1	
<i>Terminalia catappa</i> Malabar Almond; Tropical Almond; Indian Almond	1	
<i>Teucrium scordium</i> Water Germander	1	
<i>Teucrium montanum</i> Mountain Germander	1	
<i>Teucrium botrys</i> Field Germander	1	
<i>Theobroma cacao</i> Cacao	1	
<i>Thespesia populnea</i> Indian tulip tree	1	
<i>Thevetia peruviana</i> Luckynut; Cabalonga (Sp.); Adelfa Amarilla (Sp.); Oleandre Jaune (Fr.); Thevetie (Ger.); Peruvian Yellow Oleander; Yellow Oleander; Loandro-Amarelo (Port.); Chirca (Sp.)	1	
<i>Tilia</i> sp. Linden; Basswood; Lime	1	
<i>Tribulus terrestris</i> Puncture-vine	1	
<i>Tridax procumbens</i> Coatbuttons; Mexican daisy	1	
<i>Trifolium pratense</i> Cowgrass; Peavine Clover; Red Clover; Purple Clover	1	
<i>Trigonella foenum-graecum</i> Greek Clover; Alholva (Sp.); Bockshornklee (Ger.); Greek Hay; Fenugreek	1	
<i>Triticum aestivum</i> Wheat	1	
<i>Tussilago farfara</i> Coltsfoot	1	
<i>Uncaria catechu</i> Gambir; Pale Catechu	1	
<i>Urginea maritima</i> European Squill	1	
<i>Urtica dioica</i> European Nettle; Stinging Nettle	1	
<i>Vaccinium vitis-idaea</i> Lingonberry; Lingen; Cowberry	1	
<i>Vaccinium myrtillus</i> Whortleberry; Dwarf Bilberry; Bilberry	1	
<i>Vaccinium macrocarpon</i> Cranberry; American Cranberry; Large Cranberry	1	500.0
<i>Vaccinium corymbosum</i> Blueberry	1	
<i>Valeriana officinalis</i> Garden-Heliotrope; Valerian; Common Valerian	1	
<i>Viburnum opulus</i> European Cranberry Bush; Crampbark; Snowballbush; Guelder Rose	1	
<i>Vigna radiata</i> Green Gram; Mungbean	1	
<i>Viola tricolor</i> Pansy; Wild Violet	1	
<i>Viola odorata</i> Sweet Violet; Common Violet	1	
<i>Vitis vinifera</i> European Grape; Vigne Vinifere (Fr.); Vid (Sp.); Wine Grape; Parra (Sp.); Grapevine; Weinrebe (Ger.); Grape	1	
<i>Withania somnifera</i> Ashwagandha	1	
<i>Zea mays</i> Corn	1	
<i>Zingiber officinale</i> Ginger	1	