



HERBAL TEAS



BLENDS

Wide range of flavours
Misidentification?

NATURAL

Consumption period?

Safe?

INGREDIENTS

The plants in the content?
Active components
Contaninants

INTERACTIONS

Medication

EFFECT

Benefit or risk?

QUALITY

Controls?
Contamination?

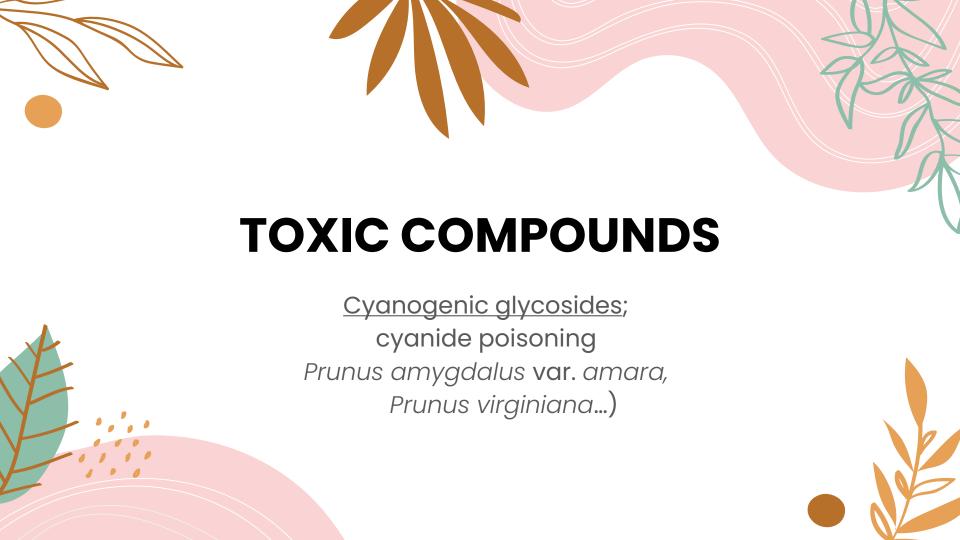






«Bush tea» containing

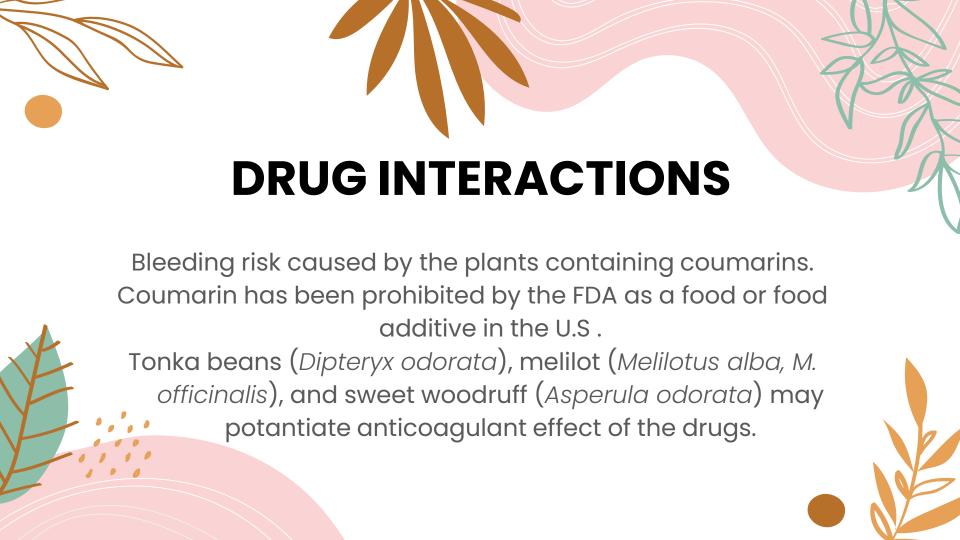
Senecio sp., Crotalaria sp.













Antinutritive effect (some a.a &

vitamins)

Tea, coffea, Quercus barks...





Compositae allergy (etc.
chammomile, chrysanthemum,
goldenrod, yarrow, marigold)
Dermatitis
Anaphylaxis
Other severe hypersensitivity reactions



St. John's wort (Hypericum perforatum)

Delayed hypersensitivity
Photophobia
Photodermatitis

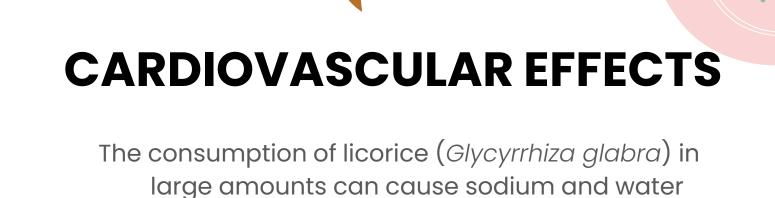






Devil's claw root (Harpagophytum procumbens has oxytoxic properties and should be avoided during pregnancy.

Pennyroyal oil (Hedeoma pulegioides, Mentha pulegium) induce menstruation and known as an abortifacient.



retention, hypokalemia, hypertension, heart

failure, and cardiac arrest





14 Aesculus hippocastanum



	BİTKİ LİSTESİ (Güncelleme tarihi: 05/12/2022)							
SIRA	a unit con init a (II)	İNGİLİZCE İSMİ / KULLANILAN KISMI	,	KULLANILAN				
NO	LATINCE ISIM ⁽¹⁾	(1)	TÜRKÇE İSMİ	KISMI ⁽¹⁾	POZİTİF/NEGATİF ⁽²⁾			
1	Abies sp.	Fir, shoots	Göknar, Köknar	Sürgünler	P			
2	Acacia arabica, A. senegal	Acacia	Arap zamkı	Zamkı	P			
3	Acer saccharum	Sugar Maple		Gövdeden Elde Edilen Usare	P			
4	Achillea biebersteinii Afan. (Syn.: A. micrantha)		Pire otu, Sarı civanperçemi	Toprak üstü	P			
5	Achillea millefolium	Yarrow, flowers	Civanperçemi çiçeği	Çiçek	P			
6	Achillea millefolium	Yarrow, herb	Civanperçemi	Toprak üstü	P			
7	Acorus calamus	Sweet Sedge, Sweet Flag, rhizome	Eğirkökü	Rizom	N			
8	Acorus gramineus	Japanese sweetflag, rhizome		Rizom	N			
9	Acorus tatarinowii	Acorus, rhizome		Rizom	N			
10	Actinidia chinensis	Kiwi, fruit	Kivi	Meyve	P			
11	Adiantum capillus-veneris L. (Stn.:Adiantum africanum R. Br., Adiantum capillus Sw., Adiantum coriandrifolium Lam.)	Southern maidenhair fern, true maidenhair, venus hair fern / Herb	Baldırıkara, Venüssaçı	Toprak üstü N				
12	Adonsonia digitata	Baobab		Meyve	P			
13	Aesculus hippocastanum	Horse-Chestnut, bark	At Kestanesi	Gövde Kabuğu	P			

Çiçek

Horse-Chestnut, flowers At Kestanesi





	1				
507	Rhamnus frangula L. (Sin.:Frangula alnus Mill.)	Bourdaine, Alder Buckthorn, Glossy Buckthorn, Breaking Buckthorn	Barut Ağacı	Gövde kabuğu	P Rhamnus frangula kabuk kısımları hazır ambalajlı hale getirilerek tüketiciye sunulmalıdır. Rhamnus frangula kabuklarının tek başına kullanıldığı ürünlerde; *Bitki kabukların günlük alım miktarında toplam antranoitler (glukofrangulin A cinsinden hesaplanmalı) 14 mg'dan fazla olmayacak şekilde tüketilecek günlük miktar belirlenmeli ve günlük tüketim miktarı etiket üzerinde belirtilmelidir.* Rhamnus frangula kabuklarını içeren karışım halindeki ürünlerde, *Bitki kabuk kısımları ile birlikte ürün bileşiminde antrakinon içeren birkaç bitki yer aldığında, ürünlerde günlük alım miktarında toplam antranoitler (glukofrangulin A cinsinden hesaplanmalı) 14 mg'dan fazla olmayacak şekilde tüketilecek günlük miktar belirlenmeli ve günlük tüketim miktarı etiket üzerinde belirtilmelidir.* Ayrıca bu bitkiyi içeren gıdanın etiketinde aşağıdaki uyarılar yer almalıdır: "Hamileler, emzirenler ve 12 yaş altı çocuklar tarafından kullanılmamalıdır." "15 günden fazla kullanılmamalıdır." UYARI: Gıda İşletmecileri, 31/08/2022 tarihine kadar yukarıda yer alan düzenlemeye uymak zorundadır. 31/08/2022 tarihinden önce piyasaya arz edilen gıdalar 31/12/2023 tarihine kadar piyasada bulunabilir.

CAUTION!!!

- Some herbal teas and medications possess pharmacological effects which may cause or contribute to medical problems.
- The pharmacological effect of herbal teas and remedies may affect other therapy prescribed for the patient.
- Patient histories should include the amount and type of all herbal teas and remedies patients are taking.





HERBAL TEAS IN PREGNANCY PERIOD

~ 39% of pregnant women used herbal medicines that were potentially harmful or for which sufficient information on safety was unavailable

Classification	Description
Safe to use in pregnancy	Available human evidence suggests the herb can be safely used in pregnancy.
Use with caution	Available human evidence for the herb is limited so it should not be used without consulting a qualified health care practitioner.
Potentially harmful to use in pregnancy	Available evidence has shown adverse impacts on pregnancy or fetus following the use of the herb
Information unavailable	No reference was found regarding use of the herb in pregnancy

Safe to use in pregnancy period

Ginger (Zingiber officinale)

Clinical evidence in human pregnancy have not found any harmful effect to mother or fetus. (As powder drug max 1 g/day)

Olive (Olea europaea)

Clinical human evidence have not found any harmful effect to mother or fetus.

Peppermint (Mentha piperita)

Evidence in human pregnancy following use as tea has not shown any harmful effect to mother or fetus. Excessive dose should be avoided due to its emmenagogue properties.

Aniseed (Pimpinella anisum)

Safe to use in human pregnancy with normal doses. It increases the action of warfarin, so it is not recommended for women on warfarin.

Cranberry Vaccinium oxycoccus

No negative fetal or pregnancy outcomes were identified in <u>clinical</u> <u>studies.</u>

Safe to use in pregnancy period

Chamomile (Matricaria chamomilla)

Green tea (Camellia sinensis)

Eucalyptus (Eucalyptus globulus)

Olibanum (Frankincense -Boswellia sacra) Can be safely used as tea in moderate amounts during in human pregnancy. It may act as a uterine stimulant, so large doses and prolonged use in pregnancy should be avoided.

Safe to use as tea in moderate quantity. Pregnant women are recommended to avoid large quantities due to the caffeine content.

Should only be used topically.. In rare cases, oral ingestion may cause nausea, vomiting and diarrhea [30]. Due to known toxicity and unknown effects during pregnancy, its ingestion should be avoided.

Not harmful to human mother or fetus in moderate doses for mild ailments. Its resin in high doses is an emmenagogue and may induce abortion.



Use with caution

Basil (Ocimum basilicum)

Oregano (Origanum vulgare)

Raspberry (Rubus idaeus)

It has not been studied in human pregnancy and should not be used in doses higher than commonly found in food

It has not been studied in human pregnancy and should not be used in doses higher than commonly found in food.

The intake of raspberry did not have negative fetal or pregnancy outcomes; however there are some findings showing that it may promote uterine contractions.



Information unavailable about safety in pregnancy

Cumin (Cuminum cyminum)

Chicory (Cichorium intybus) Information regarding safety in human pregnancy is lacking. In India, it is used as an abortifacient. Large doses in animal studies have shown antifertility activities. Therefore, doses higher than commonly found in food should be avoided.

Not studied in human pregnancy, so the safety has not been conclusively established.



Potentially harmfull in pregnancy period

Pennyroyal (Mentha pulegium)

Licorice (Glycyrrhiza glabra)

Sage (Salvia officinalis)

Ammi (Ammi visnaga)

Use of the volatile oil in pregnancy is not recommended as it has been reported to cause abortion if taken in high doses. It contains potentially toxic compound pulegone and should be avoided.

Not recommended during pregnancy because of possible alterations of hormone levels and the association with preterm delivery.

Not to be used during pregnancy due to abortifacient properties. The pure essential oil and alcoholic extracts should not be taken during pregnancy.

Human or animal studies not available in current literature but its active constituent, khellin, has uterine stimulating activity; therefore, it is contraindicated during pregnancy.

Potentially harmfull in pregnancy period

Thyme (*Thymus* vulgaris)

Human or animal studies not available in current literature but potentially harmful due to its abortifacient activity.

Fenugreek (*Trigonella foenum-graecu*m)

Evidence suggests abortifacient effects <u>on animals</u> showed stimulating effects on uterus. It also possesses hypoglycemic, hypolipidemic and hypothyroid properties.

Cinnamon (Cinnamomum verum)

Animal evidence suggests possibility of fetal malformation following ingestion of its essential oil. Should only be used in doses commonly found in food.

Motherwort (Leonarus cardiaca)

It is used due to its potentially beneficial effect on the nervous system as a cardiotonic, however it is not recommended due to its emmenagogue action.

Lovage (Levisticum officinale)

It acts as a bitter yielding an impact on the digestive system, but it is not recommended due to its emmenagogue action



HERBAL TEAS FOR CHILDREN

The use of herbal teas by infants in the first year of their life is not recommended.

Infants under 6 months of age should not be given anything except breast milk or formula, unless recommended by a doctor.





Matricaria chamomilla



Glycyrrhiza glabra









CAUTION!!!

- Fennel tea is regularly used for the treatment of gastrointestinal complaints such as colic, bloating and flatulence.
- The concentration of fennel essential oils, and of estragole in particular, within fennel infusions or instant teas for infants, is 1000-fold less in comparison to the maximum level of estragole accepted as a food additive by European regulation.
- The concentration values of estragole ranging from 9.3 to 911.7 μ g/l in instant tea, 250.3 to 1718.1 μ g/l in tea obtained infusing intact dry fruits or freshly broken dry fruits, and 241 to 2058 μ g/l in infusions prepared from teabags were determined.

CAUTION!!!

- Caffeine, a stimulant, isn't recommended in any amount for children under age 12. It may cause insomnia and nervousness, increased urine output and decreased sodium/potassium levels.
- Possible side effects of licorice, such as hypertension, hypokalemia, dysrhythmia, should be considered.



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