Citrus Fruits

MORE THAN JUST VITAMIN C



What's INSIDE citrus fruits?

All citrus fruits contain health promoting bioactives, essential nutrients, and fibre^{1,2}.

It is this unique, whole food package that delivers health benefits, as part of a balanced diet.

ESSENTIAL NUTRIENTS

Vitamin C, potassium, and folate¹.

FIBRE

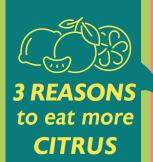
A balance of soluble and insoluble fibres2, including prebiotic fibre for good gut bacteria^{3,4}.



CITRUS BIOACTIVES

Healthful compounds that contribute to the bright colours, flavours, smells, and antioxidant activity1.

Some citrus bioactives (like hesperidin) are not commonly found in other foods5.





1 serve of citrus fruits can provide up to 179% of your daily vitamin C needs^{6,7} and can support immunity.



Citrus fruits can lower the risk of cardiovascular disease.



Citrus fruits may improve short-term brain function and help to lower the risk of depression and dementia.



BIOACTIVES

- ✓ antimicrobial and antiinflammatory effects to support the functioning of the immune system8.
- ✓ antioxidant, antiinflammatory, and lipidlowering effects to support the heart and arteries8,9.
- ✓ reduces inflammation and increases brain supporting proteins8.



- ✓ vitamin C can reduce the duration and severity of the common cold8.
- ✓ potassium can lower blood pressure10.
- ✓ vitamin C has antioxidant effects that can help to protect brain health".



- ✓ soluble fibre feeds the good gut bacteria for a healthy immune system8.
- √ soluble fibre can help to lower cholesterol¹².
- ✓ soluble fibre feeds the good gut bacteria which can help to protect brain health11.

What is 1 SERVE of citrus? ^{6,7} DI = Daily Intake		1 ORANGE (150 G)	2 MANDARINS (150 G)		2 LIMES (100 G)	½ GRAPEFRUIT (150 G)
The sugars in citrus fruits are naturally occurring ⁷ .	Energy kJ (DI%)	263 (3%)	300 (3%)	107 (1%)	113 (1%)	242 (3%)
	Carbohydrates g (DI%)	12.6 (4%)	14.6 (5%)	1.9 (<1%)	1.2 (<1%)	10.7 (3%)
	Sugars g (DI%)	12.6 (14%)	14.6 (16%)	1.9 (2%)	1.2 (1%)	10.7 (12%)
All citrus fruits are low in sodium ⁷ .	Sodium mg (DI%)	2 (0%)	4 (0%)	2 (0%)	3 (0%)	2 (0%)
	Fibre g (DI%)	3.2 (11%)	2.3 (8%)	1.5 (5%)	3.0 (10%)	2.7 (9%)
	-Vitamin C mg (DI%)	71 (179%)	44 (108%)	35 (88%)	31 (78%)	63 (158%)
Essential nutrients ¹³ :	Folate µg (DI%)	83 (42%)	39 (20%)	11 (6%)	8 (4%)	21 (11%)
	Potassium mg	270	240	120	83	218
	Total polyphenols (bioactives) mg ^{14,15}	419	363	60	211	114

9 ideas to add a citrus BOOST

WHOLE AS A SNACK









USE LEMON OR LIME

SEAFOOD

OR BEEF

JUICE & ZEST TO CURE









INTO SALADS

6 zesty citrus FACTS



Citrus fruits were famously used to treat scurvy in sailors. Modern science revealed this to be due to the vitamin C content¹⁶.



Citrus fruits have been used for centuries in traditional medicine to help aid digestion, immunity, asthma, skin, and eye health¹⁷.



Citrus fruits are available all year round and stay fresh for longer than most other fruits18.



Squeezing lemon juice over cut fruits (like apple and avocado) slows oxidation and reduces browning¹⁹.



The outer peel of citrus fruits (called the 'zest') is edible and can be added to meals for an extra nutrition boost²⁰. This means that citrus fruits can be a zero waste food.



Citrus fruits are compatible with minimally processed, plant-based, Mediterranean-style, low FODMAP and gluten free diets^{21,22}.

References:

1. Saini (2022). https://doi.org:10.3390/antiox11020239. 2. Slavin (2012) https://doi.org:10.3945/an.112.002154.

3. Venter (2022). https://doi.org:10.1111/all.15430. 4. Foti (2022) https://doi.org:10.1080/14786419.2021.1948845.

5. Gupta (2022). https://doi.org:10.3390/molecules27154741. 6. Australia New Zealand Food Standards Code – Schedule 1 – RDIs and ESADDIs https://www.legislation.gov.au/Series/F2015L00491. 7. Australian Food Composition Database (2022). 8. Miles (2021). https://doi.org:10.3389/fimmu.2021.712608. 9. Wang (2014) https://doi.org:10.1017/s000711451300278x. 10. Aburto (2013) https://doi.org:10.1136/bmj.f1378. 11. Cao (2016). https://doi.org:10.1017/s12035-015-9516-4. 12. Threapleton (2013) https://doi.org:10.1136/bmj.f6879. 13. Eat for Health (2017) https://www.eatforhealth.gov.au/nutrient-reference-values. 14. http://phenol-explorer.eu/. 15. Ref Chaalal 2020 -doi. org/10.51745/najfnr.4.8.318-324. 16. Baron (2009). https://doi.org:10.1116/j.j1753-4887.2009.00205x. 17. Lv, X. (2015). https://doi.org:10.186/s13065-015-0145-9. 18. Ramana (1981). https://doi.org:10.1080/10408398109527321.

19. Moon (2020) https://doi.org:10.3390/molecules25122754. 20. Rafiq (2018) https://doi.org:https://doi.org/10.1016/j.jssas.2016.07.006. 21. Naureen (2022). https://doi.org:10.15167/2421-4248/jpmh2022.63.253.2743.

22. http://www.med.monash.edu/ecs/gastro/fodmap/iphone-app.html

This brochure is intended for educational purposes only.



See the SAVOURING **CITRUS** recipe booklet for delicious citrus recipes

