

Below is listed the executive summary of your commission, "Comparing Apples to Oranges". Be advised that the full and exhaustive seven volume study (in which we compare all available varieties of apples to all available varieties of orange) will be arriving by courier in two to five business days. We thank you for your patronage.

Commonalities:

Both apples and oranges are tree-borne fruit, roughly spherical in shape and approximately equal in size. An average example from each variety of fruit would provide 23g of sugars (92 kCal). Both have acidic juice and are generally considered to be 'tart' and 'sweet'.

Differences:

Apples

Color: broad spectrum, ranging from dark red to light green (~700 - 500 nm)

Exterior: thin, edible skin. Usually eaten, but sometimes peeled and discarded.

Interior: white or very light colored homogenous pulp surrounding a 'core' of tough, fibrous stem surrounded by compartmentalized seeds.

Juice: highly acidic PH of 2.9-3.3

Typical weight of a large Apple - ~223g

Calories, total: 116

Oranges

Color: narrow spectrum, mostly orange with some red-orange or orange-yellow varieties (~650 - 580 nm)

Exterior: thick, bitter skin. Usually peeled and discarded, but sometimes 'zested' and used as a seasoning.

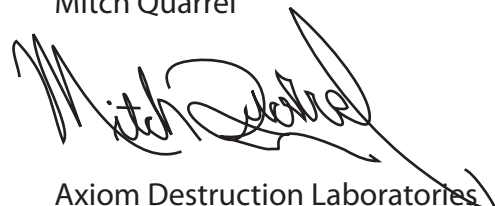
Interior: compartmentalized, juicy orange colored pulp surrounding a 'core' of tougher, fibrous material. Seeds (when present) are near the center of the pulp compartments.

Juice: moderately acidic PH of 3.3-4.2

Typical weight of a Navel Orange - ~270g

Calories, total: 132

Mitch Quarrel



Axiom Destruction Laboratories
Botanical Differentiation Division

(zz/mq)