



The Sidereal Sun and Moon

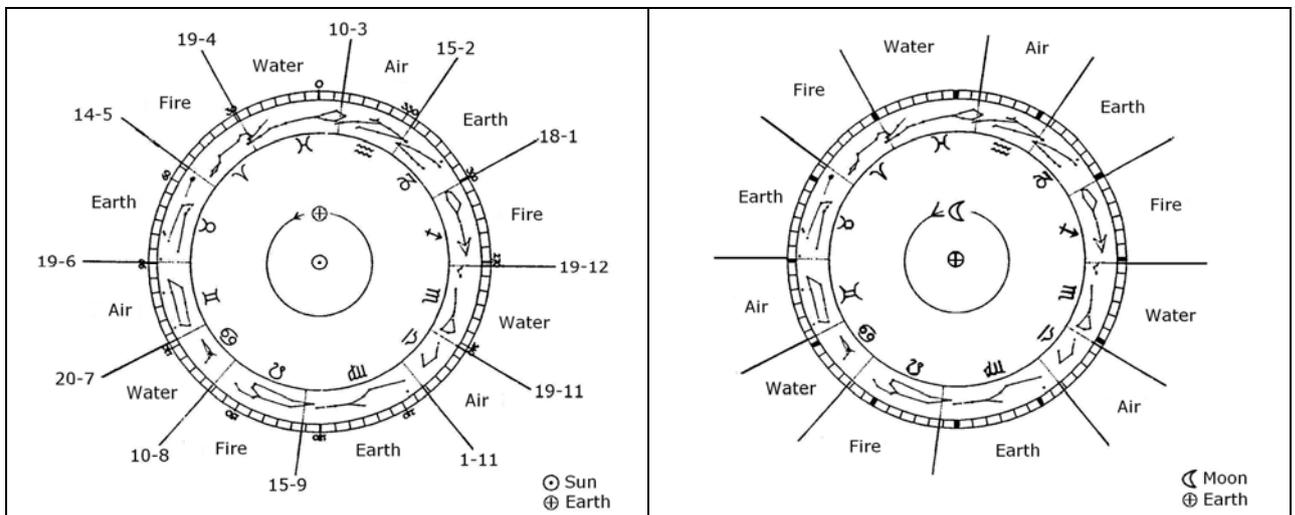
It takes approximately 365 days for the Earth to orbit the Sun, with the position of the Sun against the celestial sphere as viewed from Earth shifting roughly one degree per day. This position of the Sun in correspondence to the celestial sphere is called the Sidereal Sun. Sidereal means with respect to the stars.

The Moon orbits the Earth against that same backdrop. Its orbit takes approximately 27 days and eight hours. The Moon's orbit against the celestial sphere is called the sidereal Moon.

The celestial sphere in which the Sun, Moon and other planets move as viewed from Earth consists of twelve divisions. This has many of its roots in the Chaldean period. These twelve divisions, each of which has its own name, are called the zodiac together. However, they are also divided into groups according to the four elements: earth, water, air and fire. These elemental properties are distributed evenly among the zodiac and also represent the four states of matter: earth/solid, water/liquid, air/gas and fire/plasma. For more on this, the illustrations below this article offer more information.

Each of the periods in which the Sun and Moon apparently move through this division of the constellations of the zodiac has its own effect on crop growth, health and yield. During the process of tillage, this effect first enters the soil and later the crops that are planted or sown there. These four periods of the Sun and Moon lead to a sixteenfold (four times four) system for cultivated crops. More on this system can be found in the text "The Systematics of Cultivated Crops" (Dutch: "Cultuurgewassensystematiek").

To help put this information on the periods of the sidereal Sun and Moon to use in tillage, a calendar is published annually with the relevant cosmic situations and appropriate advice. This calendar is based on the current Earth astronomical situation and published by Agrikos.



It takes 365 days for the Earth to orbit the Sun. Viewed from the Earth, the Sun appears to move through the twelve constellations of the zodiac, represented in the diagram with symbols. The days when the Sun changes constellation have been supplied with dates.

It takes approximately 27.3 days for the Moon to orbit the Earth and it enters a different constellation roughly every two days. The twelve constellations of the zodiac each have an individual name and elemental classification. Furthermore, they are not all exactly the same size.

Translated by: Eric Arbon