

CONGRATULATIONS ON YOUR PURCHASE OF A RARITY and HANSEN LUNAR GARDENING CLOCK
An 'AA' size battery is included. When replacement is required please use a high quality alkaline battery

SETTING YOUR LUNAR GARDENING CLOCK

Conventional time clocks have an hour hand cycle of 12 hours, from 12 o'clock to 12 o'clock.
The hand of a Lunar (Moon) clock has a cycle of 29.53 days, from New Moon to the next New Moon.
This coincides also with the time that, relative to the sun, the Moon takes to orbit our Earth.

It is easiest to set your clock when the Moon is at one of the four main phases, as these are published on the internet.
The link below has worldwide Moon phase data:

<https://www.timeanddate.com/moon/phases/>

It may be necessary to enter your country and your city in the box on the right side of the web page.

Notes: This site, and some others, refer to the last quarter as the third quarter.

Some of the images shown on this site, and many others, incorrectly show the various Moon phases *as seen from the Northern Hemisphere*. Many printed publications contain the same error.

A brief explanation of Lunar Gardening

The Earth creates a large gravitational field, but this field is also influenced by our planetary neighbours such as the Moon, Sun and some of the planets in our solar system.

The most visual affect we see as a result of these influences is the tidal change to our large oceanic bodies of water. Because of it's proximity to Earth, the Moon's gravity is the major influence on those ocean tides.

Lunar Gardening is based on the premise that this gravitational 'pull' on our bodies of water also acts on the moisture content of plants, affecting the direction of sap flowing inside them, and the way in which they grow. There are times when sap will be heavy flowing, during which time pruning for example should not be carried out.

The Moon also provides varying amounts of light during our hours of darkness.
An increase in moonlight influences how quickly and strongly seedlings and plants grow.

At times when the Moon's gravitational pull becomes less, the light from the Moon may be increasing, and this is recognised as a good time to plant seedlings which crop above ground.

At other times when gravitational pull is low the light from the Moon may be decreasing, and harvesting and ground preparation are called for.

The phases of the Moon are divided into four main quarters, each lasting a little over 7 days

New Moon

First Quarter

The above are known as a 'Waxing Moon', where the light and gravitational 'pull' from the Moon is increasing.

Full Moon

Last (third) Quarter

These periods are known as a 'Waning Moon', where the light and gravitational 'pull' is decreasing.

A *Crescent Moon* is in it's first or last quarter and the part you can see (illuminated part) is smaller than a semicircle
A *Waning Gibbous Moon* is after a full Moon, and the part you can see is smaller than a full Moon and greater than the semicircle of the last (third) quarter.

WARRANTY

Cruising Electronics will, at their sole discretion, either repair or replace the unit, providing that:

- a/ Malfunction has occurred within 12 months from the date of purchase - proof of purchase is required
- b/ The unit has not been exposed to any fluid, corrosive or hazardous substance, or excessive airborne particles
- c/ The unit has not been subjected to physical damage

Please note that under no circumstances can Cruising Electronics or their agents be held responsible or accept liability for any consequential damages or loss, incurred as a result of installing or operating this clock

CRUISING ELECTRONICS

17 Morey Road Cable Bay 0420 Northland New Zealand

Tel. 09 4062020 Mobile 027 2552852 www.cruisingelectronics.co.nz