

housing & cow comfort



Automatic scraper offers outstanding flexibility

DairyMaster manufacture and deliver automatic scraper systems to dairy farms throughout the world.

These systems operate in every corner of the globe from small family farms to large farming facilities and in extreme climates.

DairyMaster are acknowledged for unequal standards of reliability and adaptability.

The DairyMaster track type system is very low maintenance and exceptionally easy to operate and control.

As cow numbers are increasing and buildings are getting larger you need a scraper that is robust, strong and efficient.

No other system can match DairyMaster in coping with these situations:

- Outstanding flexibility.
- Passages can be cleaned individually.
- Odd numbers of passages can be easily accommodated.

- Passages can be unequal in length.
- Passages do not have to be parallel.
- Passages can be at right angles
- Digital or analogue controls are available.

For DairyMaster providing innovative solutions to their customers is at the heart of their business. This knowledge combined with an active ongoing research and development programme offers DairyMaster customers the very latest innovative farm solutions such as:

- Scraper backing gates.
- Feedmax scrapers.
- Scrapers customised for individual client needs.

DairyMaster CleanSweep automatic scraper systems are the technically superior automatic scraper system with thousands of kilometres of track installed worldwide and installations proven over many years.

✉ info@dairymaster.com



Correct lighting influences the welfare of dairy cows

Light intensity, daylight hours and the colour of the light all influence animal behaviour. The right balance of these three factors has a positive influence on the livestock. Research has shown that correct light intensity and duration makes a substantial, positive contribution to the health, welfare and productivity of dairy cattle.

Probably the most well known phenomenon concerning lighting is that it controls hormone management in dairy cattle and so has a positive influence on milk production.

Less well known advantages of correct lighting are the positive influence on and a better detection of fertility and the fact that illnesses can be spotted earlier.

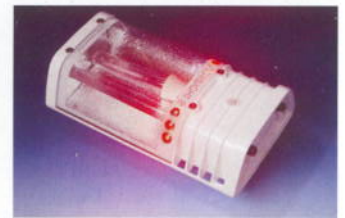
Dairy cattle cannot distinguish between colours so it is only the intensity and duration of the light that is important. Having between 16-18 hours of light at a minimum of 150-200 lux, with darkness for the other 6-8 hours will provide the positive benefits mentioned earlier.

This light regime is good for both dairy cattle and young stock. In contrast to this, dry cattle get greater

benefits from a light regime that is the reverse of the one above with eight hours of light and 16 hours of darkness because this stimulates growth.

Agrilight sets itself apart with its expertise in the field of lighting technology and in the specific application of light for various types of livestock.

Agrilight has recently developed a completely new fixture for use in dairy cattle sheds – Agriled Red.



The Agriled Red is equipped with six power LEDs that produce a monochromatic red light used as a night light. Red light does not disturb the cattle in its sleep, so the farmer can carry out his rounds without disturbing the animal.

This fixture is available in combination with a high pressure sodium or metal halide bulb of 250 or 400 Watt. It is possible to control the Agriled Red fixture with an Agribox control unit. By integration of this night light it is no longer necessary to install two separate fixtures. This provides a considerable reduction in time and installation costs.

Through the application of LED technology the fixture saves energy and is truly a durable innovation.

✉ info@agrilight.nl



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