

Herd Homes technology allows effluent to drop through the slats into a concrete lined bunker.



Pre-plan winter stock tactics

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GET A good handle on the stock wintering practices you intend for the wet winter months ahead. In recent years, land

use change, including intensification, have prompted changes in types of stock, dry matter production, stocking rates and nutrient input. All these can affect the environment.

For example, a common practice during winter is to graze cattle intensively on large quantities of forage crops in relatively small areas which, if not managed well, can result in soil damage and risk other environmental impacts such as polluting surface and groundwater.

Livestock density is not the only factor affecting water quality; selection of feeding sites and management of wintering systems are also important considerations.

Also, wet pasture, heavy grazing and the resulting compaction can reduce pasture growth and detract from farm productivity.

Feed pads and stand-off pads are options for protecting soil physical structure over wet periods. The feed pad is a dedicated concrete platform where supplementary feeds are fed to the stock. Higher feed efficiency is achieved as the wastage is reduced to about 5% as against about 20% or more when silage is fed in paddocks.

A stand-off pad is a dedicated loafing area for stock, with a soft free-draining surface and typically wood chips, kind to hooves.

As stock can be withheld from pasture for longer times, the area required per cow has to be bigger, say about 8m².

Capture of effluent is an important aspect of stand-off pads. The law requires that the base of

any feedpad or stand-off pad is properly sealed underneath with, say, compacted clay, a synthetic liner or concrete.

Herd home technology has also recently gained in popularity. It is a combination of a feeding platform, standoff facility and animal shelter. Stock are fed on slatted, reinforced concrete floors. Cows' effluent drops through the slats into a concrete lined bunker.

Sacrifice paddocks, common in years gone by, are now generally discouraged. They risk damage to soil structure and may cause lameness and mastitis. If soil potassium levels become too great (potassium is excreted in urine) it may predispose the calving cow to metabolic problems.

When building any wintering pad allow for solid and liquid waste disposal. Design the pad so that contaminants run into the farm's effluent disposal system.

Locate the feed pad or stand-off pad well away from any waterway. It is unlawful to allow effluent runoff to enter streams or seep into groundwater.

Do not feed out supplementary feeds in areas where run-off water may reach any water body. If possible avoid feeding out in these paddocks.

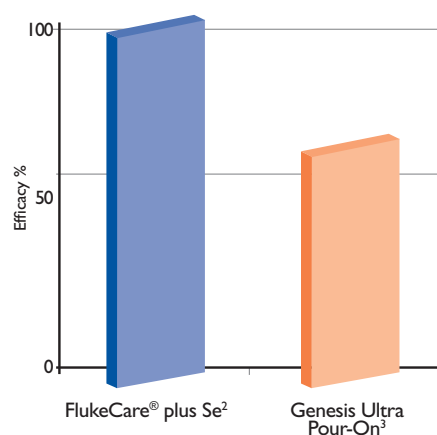
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Ensure your production is no fluke

Treatment of liver fluke should utilise a product which provides control over all stages of liver fluke, particularly early immature, those less than 4 weeks old.

Effective removal of these early immature fluke stops eggs laying for an extended period of time. The younger the fluke are killed, the longer it is until there are adult fluke contaminating pastures with eggs, which means your production is no fluke.

Efficacy 4 weeks after experimental infection¹



FlukeCare[®] Plus Se

With its patented formulation of triclabendazole and oxfendazole plus selenium, **FlukeCare[®] plus Se** is a simple and effective oral treatment of early immature to adult liver fluke and benzimidazole sensitive roundworms for dairy cattle.



Ask your vet how to ensure your dairy production is no fluke

STOCKGUARD

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IN BRIEF

Agri hub chair appointment

FORMER FONTERRA executive Graham Stuart will head the national agricultural hub being developed at Lincoln University.

He was most recently the chief executive of Sealord, and has worked for Fonterra, the New Zealand Dairy Board and Lion Nathan. He was recently a member of the Maori Economic Development Task Force.

The Lincoln Hub is a venture between Lincoln University, AgResearch, Plant and Food Research, Landcare Research and DairyNZ to improve science and technology transfer and capability for farming.

Stuart says the hub is a move towards a world class agricultural research facility where university, crown research agencies and the private sector can interact.