



# BAUER Group

## FOR A GREEN WORLD

Press Information  
November 2012

### **Bauer to launch 'Green Bedding' system at LAMMA 2013**

A new source of bedding material for dairy cow cubicles that promises cost savings over alternatives such as sand and sawdust will be launched at LAMMA 2013 (January 16/17, Newark Showground, Notts) by slurry handling specialist Bauer.

At the core of the 'Green Bedding' system is a new high performance separator designed to achieve significantly higher dry matter levels in fibrous material separated from slurry. The material is dry enough to be used as bedding in dairy cow cubicles. The system, which is also being marketed in other European countries is proving to be a cost-effective alternative to traditional bedding materials.

"On-farm experience shows that cows have reduced leg damage and we have switched from other types of bedding material to the Green Bedding system. The Green Bedding system separates materials and it reduces the volume of material that needs to be spread on the land."

At the heart of the system is a new company FAN Separator that can handle fibrous material of at least 40% dry matter. It is a much more powerful separator than those commonly used to improve the quality of bedding material.

"The working principle is the same as the extra-strong build, the Green Bedding separator explains Adrian Tindall.

The new system is complementary to the other products that Bauer also supplies: "Both have been buying-in bedding material," says Tindall.

The Bedding Recovery Unit (BRU) can handle fibrous material of at least 40% dry matter. The Green Bedding separator is typical of the range of products that Bauer supplies.

"While the £200,000 cost of a BRU has the advantage that the material is around £40,000 makes this a viable alternative to traditional materials costing typically £100,000 in addition to the superior comfort and health benefits for the cows."

The new Green Bedding separator provides a complete range of screw separation components.



**Bauer – FAN Green Bedding 01.jpg**

A new screw design, pressure control and extra heavy-duty build enable the FAN Green Bedding separator to produce material dry enough to use as cubicle bedding.



**Bauer – FAN Green Bedding 02.jpg**

Fibrous material separated from slurry using the FAN Green Bedding machine is used daily as a cost-saving alternative to sawdust, sand and the like.



**Bauer – FAN Green Bedding 03.jpg**

Cows like the bedding material – they lie down for longer periods and have reduced leg damage. Reductions in mastitis and cell count have been seen where farms have switched from other types of bedding.



**Bauer – FAN Green Bedding 04.jpg**

The Green Bedding system saves the cost of buying in and storing traditional materials; it also reduces the volume of slurry to be stored and spread on the land.

#### **The BAUER Group at a glance**

The BAUER Group – headquarters in Voitsberg, Austria – consists of 20 companies worldwide and exports to 80-plus countries, representing more than 93% of production. With approximately 600 employees, BAUER Group's annual turnover reached 165 million Euros in 2011. BAUER Group is focused on three main sectors: irrigation management, waste management and energy management. has been focused on irrigation and slurry management technology. BAUER is the global market leader in irrigation technology: A total of more than 1.5 million hectares are irrigated by Bauer systems. Approximately 50% of turnover comes from the slurry and environment sectors.

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Peter Hill / Farmpress Ltd – 01491 824355

## Green bedding to bring new dairy farm savings

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By Derek Casey  
Tuesday January 08 2013

A new source of bedding material for dairy cow cubicles that claims cost savings over alternatives such as sand and sawdust will be launched at Lamma 2013 next week by slurry handling specialist Bauer.

At the core of the green bedding system is a new high-performance separator designed to achieve significantly higher dry matter levels in fibrous material separated from slurry.

The material is dry enough to be used daily for bedding cubicles and has been proven on farms to provide a comfortable bed.

"On-farm experience shows that cows like this bedding; they lie down for longer periods, have reduced leg damage and we've seen reductions in mastitis and cell count where farms have switched from other types of bedding," says Adrian Tindall, Ireland sales manager.

"The green bedding system saves the cost of buying in and storing traditional materials and it reduces the volume of slurry to be stored and spread on the land."

At the heart of the system is a new de-watering machine developed by Bauer that can achieve significantly higher dry matter than the screw separators commonly used to improve slurry management and utilisation.

"The working principle is the same but thanks to its new screw design, pressure control and extra-strong build, this separator can consistently extract more moisture," explains Adrian Tindall.

The new system is complementary to the bedding recovery unit that Bauer also supplies.

"Both have a place on dairy farms looking to reduce the cost of buying-in bedding material," says Mr Tindall.

The bedding recovery unit produces a soft and easy to handle fibrous material of around 40pc dry matter that stores well before use.

The key difference is material from the green bedding separator is typically about 36pc dry matter and needs to be used daily.

"While the €230,000 cost of a bedding recovery unit system is probably only economically viable for the biggest herds, the green bedding system at around €45,000 makes this a viable approach on smaller units," says Mr Tindall.

"With traditional materials costing typically €60 per cow per year, we feel there are savings to be made."

The Lamma Show takes place next Wednesday and Thursday (January 16 and 17) in Nottinghamshire, England.

- Derek Casey

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## What's new in **FARMING**

### Bauer: Green Bedding system will launch at Lamma

by Wnlf staff editors | Published December 19, 2012 | [RSS](#) | [0](#)

A new on-farm source of bedding material for dairy cow cubicles that promises cost savings over alternatives such as sand and sawdust will be launched at Lamma 2013 (January 16/17 at Newark Showground, Nottinghamshire) by slurry handling specialist Bauer.

At the core of the Green Bedding system is a new high performance separator designed to achieve

significantly higher dry matter levels in fibrous material separated from slurry. The material is dry enough to be used daily for bedding cubicles and on farms in the USA and other European countries it has proven to provide a comfortable bed.

"On-farm experience shows that cows like this bedding; they lie down for longer periods, have reduced leg damage and we've seen reductions in mastitis and cell count where farms have switched from other types of bedding," Bauer's UK and Ireland sales manager, Adrian Tindall, said. "The Green Bedding system saves the cost of buying-in and storing traditional materials and it reduces the volume of slurry to be stored and spread on the land."

At the heart of the system is a new dewatering machine developed by the Bauer Group company FAN Separator that can achieve significantly higher dry matter than the screw separators commonly used to improve slurry management and utilisation.

"The working principle is the same, but thanks to its new screw design, pressure control and extra-strong build, the Green Bedding separator can consistently extract more moisture," Mr Tindall added. "The new system is complementary to the Bedding Recovery Unit (BRU) devised by FAN Separator we also supply, and both have a place on dairy farms looking to reduce the cost of buying-in bedding material."



Fibrous material separated from slurry using the FAN Green Bedding machine is used daily as a cost-saving alternative to sawdust, sand and the like.



The BRU, with its integral drying system, produces a soft and easy to handle fibrous material of at least 40 per cent drymatter that stores well before use. Material from the Green Bedding separator is typically up to 36 per cent dry matter and needs to be used daily.

While the £200,000 cost of a BRU system is economically viable for very large herds and has the advantage that the material it produces can be stored, the Green Bedding system at around £40,000 makes this a viable approach on smaller units," Mr Tindall said. "Either way, with traditional materials costing typically £50/cow/year, there are savings to be made in addition to the superior comfort and convenience of this material."

The new Green Bedding separator will be shown at Lamma 2013 alongside Bauer's complete range of screw separation machines, pumps, couplings and other slurry system components.

For more information visit: [www.bauer-at.com](http://www.bauer-at.com).

19-12-2012 09:41 AM | [LAMMA](#), [Machinery and Spares](#), [News](#), [Shows and Events](#)

## LAMMA 2013: Bauer to launch 'Green Bedding' system



A new screw design, pressure control and extra heavy-duty build enable the FAN Green Bedding separator to produce material dry enough to use as cubicle bedding.

A new source of bedding material for dairy cow cubicles that promises cost savings over alternatives such as sand and sawdust will be launched at LAMMA 2013 by slurry handling specialist Bauer.

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The new Green Bedding separator will be shown at LAMMA 2013 alongside Bauer's complete range of screw separation machines, pumps, couplings and other slurry system components.



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## Bauer's bedding system extracts solids from slurry

Friday 07 December 2012 06:00



**Much talked about and long awaited, Bauer's cattle bedding system extracts the solids from slurry and uses them to bed cubicles.**

The key to the system is a new de-watering unit which uses a high pressure screw separator design and an extra strong build to produce a fibrous material with at least 40% dry matter.

The advantage of the system, says the Austrian manufacturer, is that it avoids having to buy in bedding material and reduces the volume of slurry to be stored. Price of the Green Bedding system is £200,000.

**Farmers Guardian**

“FEW people cross the fence as clearly as former anti-GM campaigner Mark Lynas did at last week's Oxford Farming Conference.”

Emma Penny, Editor

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## Bauer Green Bedding system

16 January 2013 | By James Rickard

**BASED** on its range of fan separators, normally used for managing muck and slurry, Bauer has developed a system to extract bedding from farm waste.

At the core of the 'Green Bedding' system is a new high performance screw separator, designed to achieve significantly higher dry matter level (up to 36 per cent) in fibrous materials separated from slurry, says the manufacturer. The material is then dry enough to be used in cubicles.

Adrian Tindall, UK and Ireland sales manager, says: "Trials have shown cows like this bedding. They lie down for longer periods, have reduced leg damage and we have seen reductions in mastitis and cell counts where farms have switched from other types of bedding."



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Lamma Bauer



## Farmers Guide

LAMMA 2013  
Preview

### Separator delivers better bedding

A new source of bedding material for dairy cow cubicles that promises cost savings over alternatives such as sand and sawdust, will be launched at Lamma by slurry handling specialist Bauer.

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At the heart of the system is a new de-watering machine developed by the Bauer Group company.

FAN Separator, can achieve significantly higher dry matter than the screw separators commonly used to improve slurry management and utilisation.

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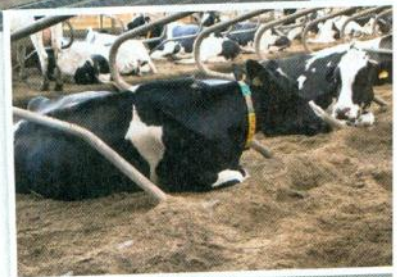
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"While the £200,000 cost of a BRU system is economically viable for very large herds and has the advantage that the material it produces can be stored, the Green Bedding system at around £40,000 makes this a viable



Above: Fibrous material separated from slurry using the FAN Green Bedding machine is used daily as a cost-saving alternative to sawdust, sand and other types of bedding.

Right: Cows like the bedding material – they lie down for longer periods and have reduced leg damage. Reductions in mastitis and cell count have been seen where farms have switched from other types of bedding, says Bauer.



approach on smaller units," says Mr Tindall. "Either way, with traditional materials costing typically £50 per cow per year, there are savings to be made in addition to the superior comfort and convenience of this material."

The new Green Bedding separator will be shown at Lamma alongside Bauer's complete range of screw separation machines, pumps, couplings and other slurry system components.

## THE SCOTTISH **Farmer**

### Saving on bedding costs

A NEW way of bedding dairy cattle that promises cost savings over sand and sawdust will be launched at LAMMA by slurry handling specialist, Bauer.

Its 'Green Bedding' system uses a new high performance separator to achieve significantly higher dry matter levels in fibrous material separated from slurry. The material is dry enough to be used daily for bedding cubicles and on farms in the USA and other European countries is proven to provide a comfortable bed.

"On-farm experience shows that cows like this bedding; they lie down for longer periods, have reduced leg damage and we've seen reductions in mastitis and cell count where farms have switched from other types of bedding," says Adrian Tindall, UK and Ireland sales manager. "The system saves the cost of buying in and storing traditional materials and it reduces the volume of slurry to be stored and spread on the land."

The new system is complementary to the bedding recovery unit devised by FAN Separator that Bauer also supplies: "Both have a place on dairy farms looking to reduce the cost of buying-in bedding material," says Mr Tindall. "While the £200,000 cost of a BRU system is economically viable for very large herds and has the advantage that the material it produces can be stored, the Green Bedding system at around £40,000 makes this a viable approach on smaller units," says Mr Tindall.





## Bauer makes bedding from slurry



Bauer's system extracts the solids from slurry to use for bedding cattle.

\* Much talked about and long awaited, Bauer's cattle bedding system extracts the solids from slurry and uses them to bed cubicles.

The key to the system is a new dewatering unit, which uses a high-pressure screw separator design and an extra-strong build to produce a

fibrous material with at least 40% dry matter.

The advantage of the system, says the Austrian manufacturer, is that it avoids having to buy in bedding material and reduces the volume of slurry to be stored. Price of the Green Bedding system is £200,000.

### Price correction

\* Last week's piece on Bauer's FAN Separator Green Bedding system's installation incorrectly listed a price of £200,000. The correct price is £40,000.

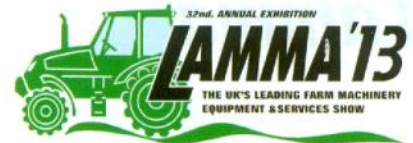
The £200,000 figure relates to Bauer's Bedding Recovery Unit, which includes a drying system in addition to a high-spec screw separator.



## Farm Contractor & Large Scale Farmer

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# LAMMA 2013



*Lamma, the UK's premier machinery event and possibly also the coldest, takes place at its Newark Showground venue on 16th and 17th January. With over 750 exhibitors and a visitor attendance which is expected to be 40,000 over the two days, Lamma is clearly the place to be. For visitors, it remains the one chance in the year when it is possible to see all the latest machinery developments on one site. And, unlike its initial remit to show case only the equipment made in Lincolnshire and then the UK, Lamma is now an international event with machinery being exhibited by manufacturers based throughout Europe and beyond. This year's event offers its usual crop of new products as companies plan their launches and introductions to coincide with the dates of Lamma - as they used to for the Royal Show and Smithfield when these events were in their prime.*



### **Bauer**

*Bedding from slurry. Bauer is set to introduce a bedding system which extracts the solids from slurry and uses them to bed cubicles. Key to the system is a de-watering machine which uses a new high pressure screw separator design to produce a fibrous material having at least 40% dry matter. The system avoids buying bedding material and reduces the amount of slurry. Price of the Green Bedding system is £200,000.*





# Save costs on bedding

*Bauer to launch 'Green Bedding' system at LAMMA 2013.*

**A** new source of bedding material for dairy cow cubicles that promises cost savings over alternatives such as sand and sawdust will be launched at LAMMA 2013 (January 16/17, Newark Showground, Nottinghamshire, England) by slurry handling specialist Bauer.

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The new Green Bedding separator will be shown at LAMMA 2013 alongside Bauer's complete range of screw separation machines, pumps, couplings and other slurry system components.



## Bauer to Launch 'Green Bedding' System at LAMMA 2013

2013-01-14



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The Green Bedding System Saves The Cost Of Buying In And Storing Traditional Materials; It Also Reduces The Volume Of Slurry To Be Stored And Spread On The Land.

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# Cows happily sleeping on a bed of... slurry?



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Wednesday, December 19, 2012

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# BRITISH DAIRYING

December 2012 Vol 19, No. 2

## PRODUCT NEWS—LAMMA

### John Deere loader

Designed to make repetitive tasks easier and more accurate, a new return to position (RTP) option is now available for use on selected H Series front loaders fitted to John Deere 6R Series tractors.

RTP automatically returns the front loader and its attachment to a choice of four preset positions, covering two boom heights and two attachment angles.

It is compatible with H340, H360 and H380 non self-levelling (NSL) and mechanical self-levelling (MSL) loaders, depending on the model. Lift capacities of these loaders range from 1,800kg to 2,150kg and lift heights from 4.1m to 4.5m.

A new RTP loader will be shown alongside John Deere's latest 6M Series tractors on the company's stand at LAMMA 2013 together with displays on the new DirectDrive tractor transmission and HarvestLab constituent sensing on 7080 Series self-propelled forage harvesters. (Tel: 01949 860491)

## New separator to produce cow bedding

A new source of bedding material for dairy cow cubicles that promises cost savings over alternatives such as sand and sawdust will be launched at LAMMA 2013 (January 16 and 17 at Newark Showground, Nottinghamshire) by slurry handling specialist Bauer.

At the core of the 'Green Bedding' system is a new high performance separator designed to achieve significantly higher dry matter levels in fibrous material separated from slurry. The material is dry enough to be used daily for bedding cubicles.

"On-farm experience shows that cows like this bedding—they lie down for longer periods, have reduced leg damage and we've seen reductions in mastitis and cell count where farms have switched from other types of bedding," says Adrian Tindall, UK and Ireland sales manager. "The Green Bedding system saves the cost of buying in and storing traditional materials and it reduces the volume of slurry to be stored and spread on

the land."

At the heart of the system is a new de-watering machine developed by the Bauer Group company FAN Separator that can achieve significantly higher dry matter than the screw separators commonly used.

"The working principle is the same but thanks to its new screw design, pressure control and extra-strong build, the Green Bedding separator can consistently extract more moisture," explains Adrian Tindall.

The new system is complementary to the Bedding Recovery Unit devised by FAN Separator that Bauer also supplies: "Both have a place on dairy farms looking to reduce the cost of buying-in bedding material," says Mr Tindall.

The Bedding Recovery Unit (BRU) with its integral drying



system produces a soft and easy to handle fibrous material of at least 40% DM that stores well before use. Material from the Green Bedding separator is typically up to 36% DM and needs to be used daily.

"While the £200,000 cost of a BRU system is economically viable for very large herds and has the advantage that the material it produces can be stored, the Green Bedding system at around £40,000 makes this a viable approach on smaller units," says Mr Tindall. (Tel: 07708 919597).





DAIRY MARKETPLACE

# NEW products

This month, a new slurry separator promises 'green bedding' and a Friesian bull features strongly in the Bullsemen.com winter sale.

## Freeze-dried calf colostrum

» A calf colostrum free from antibodies and virus of both IBR and EBL, as well as Johne's disease bacteria, has been launched by G Shepherd Animal Health as a breakthrough in ensuring all calves – particularly pedigree animals – maintain their high health status.

First Thirst IBR elite calf colostrum is a freeze-dried pure colostrum providing pedigree breeders with protection for newborn calves.

The colostrum is available in either 250g sachets or within the Perfect Udder feeding bags.

■ Details on 01772 690 333, or [www.gshepherd.co.uk](http://www.gshepherd.co.uk)

## Slurry separator launched

» Bauer has launched a high performance separator to provide a source of bedding material for cow cubicles, and claim cost savings over alternatives.

The separator is designed to achieve high dry matter levels in fibrous material separated from slurry for 'green bedding'.

On farms in the US and Europe the system has proven to encourage cows to lie down for longer, and has reduced leg damage, mastitis and cell counts.

There are cost savings over buying and storing traditional materials, and it also reduces the amount of slurry to be stored and



spread on the land.

The de-watering machine, developed by the Bauer company FAN Separator, is claimed to achieve higher dry matters than the screw separators commonly used for this sort of application.

It complements FAN Separator's £200,000 Bedding Recovery Unit

aimed at very large herds producing, with its integral drying system, a minimum 40%DM fibrous material which stores well.

Material from the £40,000 Green Bedding separator is typically up to 36% DM and needs to be used daily.

■ Details: 07708 919 597.

## Fodder beet variety offers extra DM yields

» In Limagrain UK trials, fodder beet variety Robbos produced an extra 2.9t/ha dry matter yield compared to the control variety Kyros – worth £397/ha, assuming a relative value

of fodder beet of £137/t of DM.

The variety is best suited to harvesting using leaf-lifting machinery and is an ideal choice for both dairy and beef production.

With its low dirt contamination, it is well suited to co-ensiling with maize to produce beta-maize silage. This is a new concept used by farmers in Denmark, which results in

an energy-rich feed which can be fed year round.

■ Copy of The Essential Guide to Forage Crops is available from enquiries@[limagrain.co.uk](http://limagrain.co.uk), or [www.limagrain.co.uk](http://www.limagrain.co.uk)