



# Co-op News

RETAIL OFFERS OCTOBER 2011

## Mallow Store Wins Award

Derek Greaney, Store Manager, Co-op SuperStore Mallow has been awarded Store Manager of the Year 2011 at the Irish Hardware Magazine Awards (IHBMA). Derek received the honour at the annual ceremony in Clontarf Castle on the 27th September 2011.

The IHBMA awards cover the best in hardware, DIY, home decor, building merchants, homewares and gardening sectors in Ireland. The finalists are selected from local, national and international merchants and retail outlets. Store Manager of the Year Award is a hotly contested award and the highlight of the ceremony.

Co-op SuperStores can proudly boast to being the only business to have won this award in back to back years. In 2010 Co-op SuperStore Cahir achieved success through store manager Maria Fitzgerald. Speaking about the award John O'Carroll, Retail General Manager, said;

"I believe that our success in this area is representative of the experience and care our customers are treated to when shopping with us. I would like to extend my heartiest congratulations to Derek on his achievement and those of our three other finalists."

This year the Co-op Stores and SuperStores were well represented at the prestigious awards.

Co-op shops and staff received nominations in a number of different categories. Dairygold Co-op SuperStores will continue to strive for excellence in service and supply for all our customers.

Other members of the Dairygold team who received nominations this year were:



Derek Greaney, Co-op SuperStores Mallow, receives his award from Shay Ryan, Sales Manager of Rustins (Sponsors).

Seamus O'Sullivan, Co-op SuperStores, Ardagh – Finalist, Store Manager of the Year

Maria Fitzgerald, Co-op SuperStores, Cahir – Finalist, Store of the Year

Peter O'Leary, Co-op SuperStores, Midleton – Finalist, Paint & Garden Centre of the Year

## Dairygold to sponsor Macra Conference

Dairygold will sponsor this year's annual Macra Na Feirme National Conference to be hosted in Cork by Seandun Macra on the October holiday weekend, at the Radisson Blu Hotel, Little Island, Co. Cork.

The highlight of the weekend is set to be the National Conference on Saturday, with the theme 'Agriculture – Moving our Economy forward'. There are various farm walks lined up for the day.

"Dairygold is proud to be associated with the Macra Na Feirme National Rally. Over the years Dairygold has developed a strong relationship with Macra Na Feirme. Many of our shareholders are members and ongoing supporters of the organisation. Dairygold wishes the Committee and the association every success in this year's event," said Dan O'Donoghue, National Sales Manager, Dairygold Agri Division.



SEE INSIDE FOR DETAILS

**CO-OP**  
SUPERSTORES  
Everything for you  
and your home!

Autumn **SALE**

Dairygold  
NOW ON

# MUNSTER'S LARGEST FUEL RETAILER

**BUY NOW AT LAST YEARS PRICES**  
- THESE OFFERS END 16TH OCTOBER

**BUY 4 BAGS Premium Polish Coal 40Kg - GET ONE FREE**



**1 TONNE Premium Polish Coal (25 Bags) NOW ONLY €340**

House Coal 40Kg **NOW ONLY €12.99**

**BUY 4 BAGS Smokeless Coal 40Kg GET ONE FREE**



**PEAT BRIQUETTES**

**€3.99 PER BALE**

5 Bales	25 Bales	50 Bales	128 Bales
€18.60	€92	€174	€440

**FREEPHONE FUEL CENTRE 1800 30 35 27 TO ORDER YOUR FUEL DIRECT TO YOUR DOOR**

**GREAT VALUE** on Kindling, Fire Starter Packs, Fire Logs & Fire Lighters



**BUY 4 GET 1 FREE**

Eco "Easy to light" Smokeless Wood Logs - 16 Pack

**NOW ONLY €3.99**

**5 BAGS House Coal 40Kg & 5 BALES Peat Briquettes - NOW ONLY €79.95**

**3 BAGS Premium Polish Coal 40Kg & 3 BALES Peat Briquettes - NOW ONLY €54.99**

TALK TO US ABOUT BUILDING A BULK FUEL PACKAGE TO SUIT YOUR HOME HEATING NEEDS  
Whether you've got an open fire or a solid fuel stove - we can advise you on the best solid fuel PACKAGE to heat your home economically this Winter - just drop in to your local store or **FREECALL 1800 30 35 27** to place your order for delivery to your door!

# Feeding Beef Animals this winter

- The amount of meals that are required will depend on the quality of silage on farm (see table 1 below).

- Weanlings should gain 0.6 Kg per head per day over the winter housing period. Typically weanlings do not gain anything close to this with an average daily gain closer to 0.3Kg and some animals do not gain any weight! While gaining in excess of 0.6Kg per head per day is not desirable due to reduced performance at grass after housing, it is important to hit this target of 0.6Kg daily gain as compensatory growth at grass can only deliver so much.

- All beef farmers should do their sums before filling sheds with stock for winter finishing. The key factors to examine are:

1. Weight, genetic potential and purchase price of animals to be finished
2. Realistic target finishing weight and slaughter price
3. Variable costs (primary factor will be feed costs)

- Targets for finishing heifers and finishing steers are 0.85 Kg and 1Kg live-weight gain per head per day respectively on silage and concentrates.

If your silage is scarce, serious consideration should be given to ad-lib concentrates (target 1.2 Kg and 1.35Kg live-weight gain per head per day respectively for heifers and steers) as this option represents good value for money where silage is expensive. The best response is where this strategy is restricted to about 80 days for steers and heifers.

Therefore animals should only be put on this system if they can achieve the target slaughter weight within this time period.

- Finishing cattle should not be fed poor silage (DMD <65) as they will be unable to achieve the target weight gains. If this is the only silage available, cattle should be fed ad-lib concentrates and straw or not fed a finishing diet over the winter period.

## Concentrate type

- Weanlings should be fed a concentrate with a protein content of 14-16%, fully balanced with vitamins & minerals and a good energy level.

Tried and tested Beeflav is ideal or if feeding a coarse ration Beef Meal Mix Extra fits the bill.

- Finishing cattle should be fed a high energy concentrate with a protein content of 12-14%, fully balanced with vitamins & minerals. Where farmers have only one bin or wish to feed the weanlings the same ration, Prime Elite Maize Munch or Beeflav are good options.

- Finishing cattle on ad-lib meals should be fed a high energy concentrate (ideally a coarse ration) with a protein content of 12-14%, with a reduced rate of vitamins & minerals to account for the lower feeding rate. Prime Elite Maize Munch or BBB + Yeast are good options here.

Silage DMD	Animal type Weanlings	Finishing Heifers	Finishing Steers
Very good (75)	Silage+1.5Kg Conc	Silage+3.0Kg Conc	Silage+4.5Kg Conc
Good (70)	Silage+2.0Kg Conc	Silage+4.5Kg Conc	Silage+7.0Kg Conc
Poor (65)	Silage+2.5Kg Conc	Not Recommended	Not Recommended

**JFC PVC Drinking Troughs**

90 Gallon ONLY €114.95

350 Gallon ONLY €399



**JFC Fast Filling Water Trough 600L**

Accommodates ALL Known Fast Fill Valves Including Hansen, Philmac, Jobe and Apex

4 Times Quicker

- Fitted with Fast Fill Ball Valve (44 Gallons/200ltrs p/min)
- Badger Repellent
- Suitable for use in sub zero conditions
- 5 Year Warranty on Trough
- 1 Year Warranty on Valve

Now ONLY €229 (Was €255)



**10% OFF**

ALL PVC & CONCRETE DRINKING TROUGHS

**Milk Bar 10 Teat Feeder with Strong Easy Lock Hooks**

• Holds up to 60 Litres

ONLY €129

GET FREE Milk Bar 1 Teat Feeder Worth €32



**20 Space Galvanised Heavy Duty Round Feeder**

ONLY €219



**10% OFF**

ALL Philmac WATER FITTINGS

**Monthly €50 Voucher Winners**

**Paul Healy, Maglin, Ballincollig, Co. Cork**

**Mrs Catherine O'Leary, Dangansillagh, Ballymakeera, Macroom, Co. Cork**

**James Aherne, Lisnacuddy, Terelton, Macroom, Co. Cork**

**Use the Dairygold Postal Payment Envelope or pay by milk or grain offset and you could be a lucky winner like:**

# Housing Animals

## Controlling Parasites at Housing

Cattle finishing the grazing season need to be treated for parasites they have acquired during their time at grass and are likely to be exposed to at housing. Selection of the correct product (some products treat a combination of parasites) will save time and money. Once animals are correctly treated for these problems at housing they will remain free of parasites until they go back to grass.

**1. Worms** - any of the anthelmintics are suitable e.g. Moxidectin, Dectomax etc.

**2. Lice** - numbers can build up rapidly in housed cattle. Specialist pour-on products are very effective e.g. Spot-on

### 3. Liver Fluke:

- In beef animals, typical weight gains due to fluke infection alone reduced by 0.5 to 1.6 Kg/week. Treating for fluke represents a strong return on investment. Contamination of pastures remains very high with areas of the country that have traditionally had no problems with liver fluke also being affected.

- Follow label instructions as regards dose rates. Be careful not to overestimate/underestimate the weight of cattle and remember to comply with meat withdrawal periods.

- There is a large range of products that are effective against adult fluke but only some are effective against immature fluke. The most effective treatments are Fasinex (triclabendazole) or Closamectin (closantel + ivermectin).

These products have activity against all stages of liver fluke from early immature to adult and can therefore be used shortly after housing (7-10 days post housing). It is recommended to use products with different active ingredients every couple of years to prevent resistance developing/building up.

- Closamectin is also effective against worms while the pour-on form combines fluke, worms and lice treatment in one product. There are a number of other cheaper options but you need to wait between 3 and 12 weeks after housing, depending on the product, before you use them to ensure the animals are covered against fluke for the entire housing period. During this delay the liver fluke population within the animals can cause significant damage.

- Cattle with heavy infestations of fluke may need to be treated more than once.

## Winter infections

Prevention of winter infections (viral and bacterial) is just as important as treating parasites. Prevention of these problems is far easier and less expensive than cure and the first step is basic hygiene.

- Ensure housing is cleaned, disinfected and dry before animals enter. Stress of animals should be kept to a minimum at housing time as stress reduces natural immunity. Ensuring adequate ventilation, group animals according to their age and do not over-stock animals.

- Try to keep bedding areas as draught-free, clean and dry as possible. Use of products such as Agrical will help.

- Clean out feed troughs and water troughs regularly. Check for leaks in the water troughs.

- Keep under foot conditions as clean and dry as possible.

- Set up and use footbaths/hand-washing facilities at entry points to each shed to ensure disinfection when entering or leaving a shed will help minimise the transfer of disease from one shed to another.

- Vaccinate where animals are vulnerable to infections like IBR, Salmonella and pneumonia. Vaccinating pregnant animals at the correct timing (follow individual vaccine instructions) and feeding adequate colostrums to newborn calves allows the transfer of antibodies from the dam to the calf.



## Silage Sampling

If grass silage is to be a large component of an animal's diet, then it is very important to know its feeding value. To accurately determine the feeding value of the silage, silage sampling and testing is strongly recommended. Any analysis is only as good as the sample received and therefore the following points will help ensure the sample received is representative of the silage\*.

1. Samples of silage should be cored the full depth of the silo along two intersecting diagonals. A total of 4-6 cores are preferred or alternatively samples can be taken from the face of an open silo. Samples taken in this way should be from side to side and top to bottom in a 'W' pattern.

2. Bulk together sub samples to give a sample, which is approximately 500g (1lb) in total. The sample should be placed, all air expelled and sealed without delay in a sample bag.

3. Write your name, account number and reference to the silage on each sample bag.

4. Send samples to: Dairygold Feed Laboratory, Lombardstown, Mallow, Co. Cork or drop them into your local Dairygold branch. \*Alternatively talk to your local Area Sales Manager about our FREE silage sampling service (carried out once a year in the October-November period).

Dairygold charge €28.44 ex VAT (€32.28 incl VAT) per sample for our new and improved silage analysis which measures:

- Dry matter
- Dry matter Digestibility (DMD)
- UFL/UFV (energy)
- NDF (fibre)
- pH
- Ash
- Lactic Acid (acid load)
- Ammonia Nitrogen (preservation quality)
- Crude protein
- PDIA/PDIN/PDIE (protein quality)

# Minerals for Beef Cattle & Sheep

## Q. Why feed minerals to beef cattle and sheep?

**A.** Mineral imbalances can cause major loss of profit to farmers. Correct vitamin, mineral and trace element balance is essential for the prevention of a wide range of problems including lameness, ill thrift, reduced immunity, poor skin/hair/fleece quality and reduced live-weight gain. Forage Analysis has shown that most Irish soils are deficient in the key trace elements Selenium, Zinc, Copper and Manganese. These trace elements have major roles in animal performance and fertility.

## Q. What is the best method of mineral supplementation?

**A.** Fixed rate feeding (e.g. in the daily concentrate allowance or sprinkled over easy feed silage) of well balanced minerals is the cheapest and best way to guarantee an adequate mineral supply. Free access supplementation (e.g. mineral buckets and licks) is not as reliable as fixed rate feeding as there is variation in intake between animals. Fixed-rate feeding may not be possible in certain situations e.g. grazing cattle/sheep and free access minerals may then be the only option. There are a range of options to feed minerals to beef cattle and sheep:

1. In concentrate rations

- Dairygold have a range of rations that deliver specialist dry stock minerals.

(i) Cattle-Beeflav, Beef Meal Mix etc. Beef Crown and Prime Elite Maize Munch have lower inclusion levels of minerals for Ad-lib feeding systems.

(ii) Sheep-Lamb Pride, Ewe Meal Mix etc.

2. Superchoice 25Kg Bags-Molassed powder minerals (see Tables 1&2 for specifications)

- Suitable for TMR or sprinkle allowance over forage 2-3 times daily

- Good levels of all vitamins, minerals and trace elements

- Superchoice Cattle General Purpose Gold is suitable for intensive finishing cattle, replacement dairy heifers and cattle being pushed hard. It has a number of additional features over the standard product:

- Contains Bioplex Zinc **at 40% of the total zinc level.** This is the organic forms (the form the animal uses) of this vital trace element involved in animal health and hoof strength.

- The Vitamin E level has been increased four fold over the standard product.

High levels of Vitamin E help reduce the incidence of disease plus help improve the overall animal health status of the animals.

- Contains the full recommended rate of Biosaf yeast. Biosaf has been shown to reduce digestive upsets, improve fibre digestion and lead to increased live-weight gains

3. Superchoice Buckets-Molassed blocks (see Tables 1&2 for specifications)

- Suitable where impractical to feed powdered minerals correctly

- Good levels of all vitamins, minerals and trace elements

- Highly palatable for optimum intakes

- Weatherproof for minimum waste

**Table 1-Superchoice Range of Minerals for Cattle**

Product	Units	S/C Cattle General Purpose	S/C Cattle General Purpose Gold	S/C Calf /Beef Bucket
Pack size		25Kg	25Kg	20Kg
Calcium	%	25	25	5
Phosphorus	%	3	3	2
Sodium	%	16	10.3	11
Magnesium	%	0.5	0	3
Selenium	mg/kg	35	35	35
Iodine	mg/kg	400	400	500
Cobalt	mg/kg	65	65	80
Total Zinc	mg/kg	4000	4000	3500
Bioplex Zinc	mg/kg	0	1600	0
Copper	mg/kg	2400	2400	2400
Manganese	mg/kg	1000	3000	1000
Vitamin A	iu/kg	200000	200000	200000
Vitamin D3	iu/kg	40000	40000	40000
Vitamin E	mg/kg	500	2000	250
Biotin	mg/kg	0	10	0
Vitamin B12	mcg/kg	0	588	0
Biosaf Yeast	Yes/No	No	Yes	No
<b>Feeding Rate</b>	<b>g/day</b>	<b>25g per 100 Kg LW</b>	<b>25g per 100 Kg LW</b>	<b>25g per 100 Kg LW</b>

**Table 2-Superchoice Range of Minerals for Sheep**

Product	Units	S/C Sheep	S/C Sheep Bucket	S/C Sheep Bucket
Pack size		24Kg	20Kg	12Kg
Calcium	%	18	6	6
Phosphorus	%	2	2	2
Sodium	%	16.2	12	12
Magnesium	%	4	5	5
Selenium	mg/kg	35	35	35
Iodine	mg/kg	500	500	400
Cobalt	mg/kg	300	300	300
Total Zinc	mg/kg	5000	5000	5000
Bioplex Zinc	mg/kg	500	0	0
Copper	mg/kg	0	50	0
Manganese	mg/kg	1000	1000	1000
Vitamin A	iu/kg	250000	200000	200000
Vitamin D3	iu/kg	50000	40000	40000
Vitamin E	mg/kg	1000	250	250
Biosaf Yeast	Yes/No	No	Yes	No
<b>Feeding Rate</b>	<b>g/day</b>	<b>25g per 100 Kg LW</b>	<b>25g per 100 Kg LW</b>	<b>25g per 100 Kg LW</b>

**CO-OP**  
SUPERSTORES

Everything for you  
and your home!

# Autumn SALE

Dairygold

NOW ON

Fantastic Offers Across Farm Hardware, Farm Hygiene & Animal Health

**GALLAGHER**

Electric Fence Energizers

Gallagher Mains Fencer M1800  
**ONLY €569**  
+ FREE SMART FIX RRP €119

Gallagher M120 Fence Master Fencer  
**ONLY €125**  
+ FREE CUT OUT SWITCH

Gallagher Geared Reel  
**ONLY €53.95**  
+ FREE 200M Roll of Gallagher Polywire



**10% OFF**  
ALL GALLAGHER FENCING ACCESSORIES

Fault Finders  
Fence Compasses  
Voltmeters  
Insulators  
Outriggers  
Gate Handles  
Reels,  
Underground Cables  
Earth Bars  
Clamps  
Cut-Off Switches  
Connectors

See Full Range  
Of Offers On  
Gallagher Fencers  
Instore

**STAFIX**  
Electric Fencing

UNIQUE TO DAIRYGOLD  
PREMIUM - TRIED & TESTED  
ELECTRIC FENCE RANGE

Stafix Large Mains Energiser M36R  
was €965  
**NOW ONLY €795**

Stafix Energiser M20R  
was €695  
**NOW ONLY €595**

Stafix Portable Battery Energizer  
was €195  
**NOW ONLY €159**

**10% OFF**  
ALL STAFIX FENCING ACCESSORIES

Fault Finders  
Fence Compasses  
Voltmeters  
Insulators  
Outriggers  
Gate Handles  
Reels  
Underground Cables  
Earth Bars  
Clamps  
Cut-Off Switches  
Connectors

Whatever your fencing requirements are - we've got a Stafix product to suit it



STRONG RELIABLE PRODUCTS

**10% OFF**  
ALL FENCEPOSTS

**10% OFF**  
ALL GALVANISED GATES

**10% OFF**  
ALL TINSLEY PRODUCTS

REPS Hedging Plants - Bare Root White Thorn  
**10% OFF**  
Early Season Orders For Post November Deliveries  
Inquire at your local store for further information

Makita Angle Grinder 9" 220V/110V  
**ONLY €119**

Hand Yard Scraper 40" Pump Wheel  
**ONLY €329**

Excel Yard Brush Complete with Clamp & Handle  
**ONLY €9.99**

32" Anodised Yard Scraper with Handle  
**ONLY €23.95**

up to **50% OFF**  
EXCEL RANGE OF FARM HAND TOOLS

Farm Fork 2 Prong  
Farm Fork 3 Prong  
Farm Fork 4 Prong  
Grain Shovel T Handle  
Hay Fork 2 Prong  
**ONLY €8.99 each**

**15% OFF**  
ALL CORRI PIPE

**15% OFF**  
ALL AGRI PIPE

**10% OFF**  
ALL LAND DRAINAGE PIPE

**10% OFF**  
ALL HYDRODARE PIPE

# Guideline Sowing Rates for Winter Cereals

Sow to achieve an established plant stand (depends on variety Thousand Grain Weight) rather than by seed weight. See tables below to target established plant stands of 300, 250 and 300 plants/m<sup>2</sup> for Winter Barley, Winter Wheat and Winter Oats respectively.

## Winter Barley-target 300 established plants/m<sup>2</sup>

Variety	TGW	Sowing Rate Late Sep (Kg/ha)	Sowing Rate Late Sep (St/ac)	Sowing Rate Early Mid Oct (Kg/ha)	Sowing Rate Early Mid Oct (St/ac)	Sowing Rate Late Oct (Kg/ha)	Sowing Rate Late Oct (St/ac)
Amarena	50	175	11.2	185	11.8	208	13.3
KWS Cassia	58.7	206	13.1	217	13.9	245	15.6
Leibniz	54.1	190	12.1	200	12.8	225	14.4
Saffron	58.5	205	13.1	217	13.8	244	15.5
Anisette	56.3	198	12.6	209	13.3	235	15.0
Famosa	56.7	199	12.7	210	13.4	236	15.1
Volume*	48.6	*	*	*	*	*	*

\*Volume is a hybrid variety and is sown at lighter rates with special acre allowances pre-packed. Assumptions-90% germination, 5, 10 & 15% losses for early, average and late sowings. Sown in good conditions; adjust sowing rates upwards in less than ideal conditions (particularly for late sowings).

## Winter Wheat-target 250 established plants/m<sup>2</sup>

Variety	TGW	Sowing Rate Late Sep (Kg/ha)	Sowing Rate Late Sep (St/ac)	Sowing Rate Early Mid Oct (Kg/ha)	Sowing Rate Early Mid Oct (St/ac)	Sowing Rate Late Oct (Kg/ha)	Sowing Rate Late Oct (St/ac)
Cordiale	46.3	135	8.6	143	9.1	161	10.2
Einstein	50.4	147	9.4	156	9.9	175	11.2
JB Diego	50.4	147	9.4	156	9.9	175	11.2
Lion	46.7	137	8.7	144	9.2	162	10.3
Grafton	49.5	145	9.2	153	9.7	172	11.0
Gravitas	45.4	133	8.5	140	8.9	158	10.0
Kingdom	48.5	142	9.0	150	9.5	168	10.7
Stigg	50.2	147	9.4	155	9.9	174	11.1

Assumptions-90% germination, 5, 10 & 20% losses for early, average and late sowings. Sown in good conditions; adjust sowing rates upwards in less than ideal conditions (particularly for late sowings).

## Winter Oats-target 300 established plants/m<sup>2</sup>

Variety	TGW	Sowing Rate Late Sep (Kg/ha)	Sowing Rate Late Sep (St/ac)	Sowing Rate Early Mid Oct (Kg/ha)	Sowing Rate Early Mid Oct (St/ac)	Sowing Rate Late Oct (Kg/ha)	Sowing Rate Late Oct (St/ac)
Barra	38.4	135	8.6	142	9.1	160	10.2
Evita	40.1	141	9.0	149	9.5	167	10.6
Husky	38.5	135	8.6	143	9.1	160	10.2

Assumptions-90% germination, 5, 10 & 20% losses for early, average and late sowings. Sown in good conditions; adjust sowing rates upwards in less than ideal conditions (particularly for late sowings).

# Co-op SuperStore finalists at the IHBMA Awards



**Derek Greaney, Mallow – Winner Store Manager of the Year; Peter O’Leary, Midleton, – Finalist Paint & Garden Centre of the Year; Maria Fitzgerald, Store Manager, Cahir – Finalist Store of the Year; Seamus O’Sullivan, Ardagh – Finalist Store Manager of the Year.**



**John O’Carroll, Retail General Manager; Derek Greaney, Co-op SuperStores, Store Manager of the Year; Martin Foran, Editor, Irish Hardware Magazine.**

## Imokilly Cheese Company launched at Food Festival

Dairygold used the opportunity of its sponsorship of this year’s Mitchelstown Artisan Food Festival to launch a new range of consumer cheeses under the brand “The Imokilly Cheese Company”. Imokilly is one of Ireland’s oldest cheese brands, first manufactured in the village of Mogeely in East Cork in the 1930s.

Dairygold is now supplying these four Imokilly Cheese Company varieties to the local Mitchelstown SuperValu, on a test basis.

These include;

- Imokilly Ballycashel: a mild, aromatic, creamy cheese with good slicing qualities, perfect for family sandwiches.
- Imokilly Mature Red & White Cheddar is truly distinctive cheddar recognised with a gold medal at the 2010 World Cheese Awards.
- Imokilly Regato is a hard Italian type cheese.



**Svitlana Binns, Divisional Marketing Manager at Dairygold Food Ingredients, and Aidan Fitzsimons, Director of Innovation, at the Dairygold Stand for the Mitchelstown Food Festival**

**CO-OP**  
SUPERSTORES

Everything for you  
and your home!

Autumn **SALE**

Dairygold

NOW ON

Fantastic Offers Across Farm Hardware, Farm Hygiene & Animal Health

Avoid frost damage on your farm this winter

**Extreme Winter Protection Anti Freeze**

5L ONLY €15.95

20L ONLY €53.95

**Frost Protector**

NOW ONLY €49.95

- Completely wired & Ready to Use
- Just Plug In & Hang Up
- 250 Watt Infrared Bulb
- Chain & Holder Included

**Anti Freeze Cable with built in thermostat for pipes**

- Protects Pipes Freezing to -40°C
- Weather Resistant PVC Outer Jacket
- Will only turn on when below +3°C

4M ONLY €35.95 | 8M ONLY €51.95 | 18M ONLY €74.95

ONLY €399

**MASTER B70 CED**

Direct Oil Heater 20Kw  
400m<sup>3</sup>/h Air-displacement