

Harvest 2024

Just as one season ends another starts, but be careful. With the very late Spring and drawn out planting season, a lot of crops got their herbicide spray late, in particular peas and beans. The residue herbicide in the ground can have an adverse effect on the germination of cover crops.

In the same way the weather changes its habits sometimes farmers have to do the same. The use of roundup pre harvest should only be used to take out weeds or grasses and not as an aid to evenly ripen the harvest crop. This is to help in the whole realm of sustainability. Contact your local Quinns technical representative for more advice.

Mizr 360 20Ltr	
Oilseed Rape	3 to 4Ltr per Ha for dirty crops
Stubbles	1.5Ltr up to 4Ltr per Ha for scutch
Burning Off Grass	4Ltr to 6Ltr per Ha

Roundup Powermax 720 10kg (1kg = 2L '360')	
Oilseed Rape	2kg per Ha
Stubbles	0.7kg up to 2kg per Ha for scutch
Burning Off Grass	2.5kg up to 3kg for old leys

Roundup Gold 450 15Ltr	
Oilseed Rape	2.4Ltr up to 3.2Ltr per Ha for dirty crops
Stubbles	1.2Ltr up to 3Ltr per Ha for scutch
Burning Off Grass	3Ltr to 4.8Ltr per Ha

Roundup Flex 480 15Ltr	
Oilseed Rape	2.25Ltr up to 3Ltr per Ha
Stubbles	1Ltr up to 3Ltr per Ha for scutch
Burning Off Grass	3Ltr up to 4.5Ltr per Ha for old leys

Glyphosate and Podstik (designed to prevent pods from splitting) should be applied 3 weeks before harvest



Storing grain

If storing grain, it is essential that all stores are power washed and a good coverage of **K-Obiol** is applied before harvest time. **K-Obiol** mixed with water needs to be sprayed on all concrete surfaces in the store. **K-Obiol** will help reduce the incidence of grain weevils and grain borers on stored grain and will last up to 2 months. The mixing rate is 1Ltr of **K-Obiol** to 50ltrs of water.

Be Safe this harvest



Quinns mill, agri-stores and grain intake locations are busy places during the harvest months.

Please follow the traffic plan in each yard and wait for instruction if unsure. Health and Safety procedures are here to protect both employees and visitors. High-Vis vests must be worn by drivers/visitors when unloading grain or when exiting vehicles in our mill or grain intake yards regardless of weather or time of day.

Be Safe Be Seen.

Grain Preservation Options

Whilst the spring doesn't seem that long ago it is now time to consider the options available for grain preservation. XL Grain and Propcorn have proven to be excellent options and continue to be the most popular choices by our customers. Below are details of both preservation acids.

Propcorn –NC

Propcorn –NC is well known non- corrosive grain preservative that can be applied to all cereal grains and pulses to prevent the occurrence of moulds and mycotoxins during storage for up to 12 months.

Product Information:

- ✓ Increases energy levels in feeds (Propcorn NC has an energy value of around 1.5 times that of barley)
- ✓ Extends harvest period – crops can be harvested with surface moisture (dew or rain) on the grain
- ✓ Reduces bought-in feed costs
- ✓ Easier storage of processed feed

Product Benefits:

- ✓ Higher returns per acre
- ✓ Better feed value with fewer digestive problems
- ✓ Reduces bought-in feed costs
- ✓ Easier storage of processed feed



Below is an example of the rates used when treating whole and rolled grain.

Moisture Content %	Prop- NC litres/ Ton			Prop- NC litres/ Ton		
	Preservation time (Whole grain)			Preservation time (Rolled grain)		
	1 month	1-3 mth	3-12 mth	1 month	1-3 mth	3-12 mth
Up to 16%	3.80	5.00	6.75	4.25	5.50	7.50
16-18%	4.25	5.80	8.00	4.75	6.50	9.00
18-20%	5.00	7.25	9.50	5.50	8.00	10.50
20-22%	5.80	8.50	10.50	6.50	9.50	11.75
22-24%	7.25	10.00	12.00	8.00	11.00	13.50



XL grain raises both the pH and the protein of the grain allowing you to feed a higher protein product at higher levels without increasing the risk of acidosis in your beef and dairy stock.

Product Information:

- ✓ XL GRAIN increases cereal protein content by up to 5%
- ✓ XL GRAIN increases the pH to a minimum of 8.5
- ✓ XL GRAIN can be used to treat whole or rolled grain

Product Benefits:

- ✓ Feed Higher Levels of Irish Cereals
- ✓ Reduce the need for bought in proteins
- ✓ Reduce the risk of acidosis in dairy and beef cattle

Application Information:



1. Application Rate is 20 Kg (1 bag) per tonne of Cereals.
2. It can be used to treat whole grain (which can then be rolled afterwards) or to treat rolled grain. Whole or Rolled grain will keep for up to 12 months.
3. Grain moisture should be 18-22% but it is safe to use up to 25%

moisture. If lower than 18% moisture add water – 10 Ltrs of water will increase moisture by 1%- so if grain is 15% add 50 ltrs to bring to 20% moisture.

4. Grain Treated with XL Grain must be covered with a plastic sheet for a period of three weeks to allow treatment process to take place. After 3 weeks it can be uncovered and is safe to feed.

Grain Moisture	Maximum Clamp Height (Metres)	Maximum Clamp Height (Feet)
16 – 18 %	4 Mtr	12 Ft
18 – 20 %	3 Mtr	9 Ft
20 – 22 %	2 Mtr	6 Ft
23- 25 %	1.5 Mtr	5 Ft
More than 25%	1.5 Mtr	5 Ft

Grain Testing:

We can offer a pre and post treatment grain testing service. For any customers who are interested we can test your grain for protein pre- treatment with XL Grain and then again post treatment to verify the protein and pH increase from treating the cereal with XL Grain. This ensures you know the exact protein content for diet formulation.

Rolling Service:

There will be contractors available to roll grain across the wider Leinster region.

If you have any queries about XL Grain please don't hesitate to contact your local Quinns technical sales advisor today!



Scan the QR code for more information on using XL Grain



Check out our social media platforms for more details and send your cv to recruitment@quinns.ie

Finishing cattle at grass

In recent years a lot more cattle are being slaughtered from grass, the costs of finishing directly off grass are significantly lower than finishing indoors. On good quality grass with a limited amount of concentrates will cost between €1 – 2/head/day this is compared to cattle fed indoors on meal and concentrates is costing approx. €2 – 4/day based on Teagasc estimations. In early summer cattle can be finished almost solely from grass if there is good quality covers (ideally 1200 – 1600 Kg DM/Ha cover which is a pre grazing height of 8 – 10cm. However, once August comes grass quality starts to deteriorate and as a results daily live weight gains from grass start to decrease rapidly with cattle struggling to gain 0.75Kg/day from grass alone (Teagasc Data).

So at this stage it is important to start feeding concentrates so as to achieve higher live weight gains and ensure finishing before housing, ideally cattle need to be finished before end of September from grass.



It is Quinn's recommendation that customers check their bulk bins every 6 weeks to make sure they are clean & weatherproof to reduce the risk of feed heating especially in the summertime.

How much concentrates should be fed?

A rule of thumb for supplementing concentrate at grass is feed 0.5kg per 100kg bodyweight, so a 600kg steer should be fed 3kg/day of concentrate but if grass growth is poor or grass is particular stemy then meal levels should be increased to 1kg per 100kg bodyweight. The concentrate should be low in protein and high in energy so as to get a good fat cover on the animal.

Quinn's Supreme Maize Beef ration or pellet is ideal for finishing cattle at grass as its 12% Crude protein and it has high level of maize and barley therefore providing lots of energy. Supreme Maize Beef also includes protected minerals, Yeasac and a rumen buffer.

If there are bulls on the farm they can be introduced to concentrates at grass. When it comes to finishing bulls research work has shown that bulls are better fed indoors on a higher concentrate levels after a growing period on grass.

For further details on feeding cattle at grass please contact your Quinn's Representative



Please scan the QR code for more information on our beef ration range

Catch crops options

Agricultural soil management is responsible for ~80% of global annual nitrous oxide emissions. Going forward, cover cropping is going to play a major role in helping to reduce this statistic in order to be more sustainable.

When there is no demand for growth in the soil, the nutrients are simply leached away. Implementing a catch crop into your rotation will ensure the crop captures any available nutrients and limits the leaching that could take place

Implementing a catch crop onto your farm post-harvest is a great opportunity to prevent Nitrogen leaching, add nutrients back to the soil, and regenerate soil health and soil structure for the winter. Catch crops provide excellent ground cover to prevent soil erosion in the winter months where weather is harsher. The use of cover crops is an important management tool in order to create a 'sink' in the soil and prevent nitrate leaching.

The ACRES scheme has specific sowing rates required for the different catch crop species so it is important to follow the rates below in order to abide by ACRES guidelines.

For more information please contact your local branch or agri-representative.



Scan the QR code for more information on cover crops

Catch Crop species	Monoculture seed rate (kg/ha)
Buckwheat	50kg
Crimson Clover	15kg
Berseem Clover	15kg
Balansa Clover	15kg
Squarrosa Clover	15kg
Forage /Fodder Rape	8kg
Mustard (White)	15kg
Mustard (Brown)	7kg
Oats	100kg
Black Oats	60kg
Phacelia	8kg
Sunflower	20kg
Rye	150kg
Tillage Radish	10kg
Vetch	30kg
Leafy Turnip	8kg
Peas	80kg
Beans	140kg
Linseed	30kg
Red Clover	20kg
Fodder Radish	10kg
Kale/Rape hybrid	8kg

Grassland Sustainability Events



We will continue our "Grassland Sustainability Series" into July, building on the successful gathering held on May 14th. This event, which attracted over 70 farmers and industry representatives to the Osbourne farm just outside Baltinglass, provided valuable insights into optimizing grass growth.

The July events will be held on July 24th and 25th, following the same engaging format with three stations focused on enhancing grassland management. The event will emphasize the importance of gathering and utilizing information to maximize grass yield.

A key feature will be TP Whelehan's presentation of Pro Clova XL, an innovative grassland spray designed to control weeds in white clover/grass swards. Chris Maughan, Technical Manager for TP Whelehan, will provide insights into best practices for using this novel spray.

Diarmuid Murphy of Germinal Seeds will highlight the importance of optimal seedbed conditions for successful establishment. He will discuss the right conditions for red clover, white clover and ryegrasses.

Luke Thornton from Omex will explain the effectiveness of Omex Liquid Fertiliser, showcasing its unique blend of nitrogen forms that ensure optimal crop availability while minimizing nutrient loss. On **July 24th in Milford** and **July 25th in Geashill**, the events

will continue, offering another opportunity for attendees to gain valuable insights into sustainable grassland management. Both days will feature similar presentations and live demonstrations, ensuring all attendees can learn and engage with the experts.

Starting at 11am, both days will conclude with tea, coffee and refreshments. Chloe Dwyer, Ruminant Specialist at Quinns of Baltinglass, commented "We are thrilled to continue our Grassland Sustainability Event into July. It's inspiring to see such strong interest in sustainable practices in agriculture. We look forward to supporting farmers in their journey towards greater efficiency and productivity."

For more information about Quinns of Baltinglass and their upcoming events, visit www.quinns.ie

Wednesday 24th July. 11am – 1pm.

Charles Greene's farm Milford, Co Carlow R93Y685

Thursday 25th July. 11am – 1pm.

Liam Kirby's farm, Geashill, Co Offaly R35VX61



Scan the QR code to register for these free events




Keep grass growing this Summer with Omex Liquid Fertiliser

- Put less units out and grow more grass
- More accurate than granular fertiliser
- Apply slurry within hours of liquid fertiliser application

Quinns stock 24S liquid fertiliser in all branches and also provide application service



Scan the QR code for more information on using Omex liquid fertiliser

For Further Details please contact your local Branch or Quinns Rep