

# Spraying against disease

## T3 Time on Winter Wheat

As we enter the month of June, it is time to consider the final fungicide spray on winter wheat. The aim of the T3 spray is to protect the ear from disease for the final stretch of the growing season. Fusarium ear blight is the main cause for concern at this time of year.

### Disease

Warm, damp and humid weather will increase **fusarium** pressure drastically. Typical symptoms of this disease include bleached-like patches on the head, shriveled-like grains and reduced bushel weight. This disease also increases mycotoxin populations which causes spoilage in grain during storage. Many farmers can recall the harvest of 2012 where fusarium was rampant in crops that did not receive a robust T3 application.



Figure 2: T3 Timings

Source: AHDB

### Timing

T3 application timing is generally applied at the beginning of flowering (GS63-65) but can be altered based on when the T2 went on the crop. A delayed T2 spray (allowing part of the ear to emerge) can result in poor foliar disease control on the critical flag leaf and leaf 2.



Figure 1: Fusarium Ear Blight 'Bleaching'

### Control

T3 sprays are generally azole based, however GS59 timings may warrant the inclusion of an SDHI. **Velogy Era** at a 75% rate (0.75l/ha) would be a suitable option in this instance as it has an SDHI along with Prothioconazole (Prothio). Prothio has effective activity on ear disease and Tebuconazole has moderate activity. A product such as **Prosaro** provide equal loading of both active ingredients (125g/l each) in their formulation and are effective when applied at a 75% rate (0.75l/ha).

## Spring Barley T2 Final Fungicide

Spring Barley crops have to be minded after the stress from drought in early May. The T2 spray should be robust enough to get the crop over the finish line.



### Disease

Target diseases for this spray include net blotch, rhynchosporium and mildew. Current varieties such as RGT Planet have high natural resistance to mildew, so this disease may not be present.

### Timing

Studies have shown that the most effective time to apply this spray is between GS39 and GS49. This can be defined as the period between the flag leaf being fully emerged, and the awns beginning to show. An effective fungicide at this time will help to promote green leaf area, thus ensuring better grain fill and a stronger plant. This will have a knock on effect on straw quality by reducing straw breakdown.

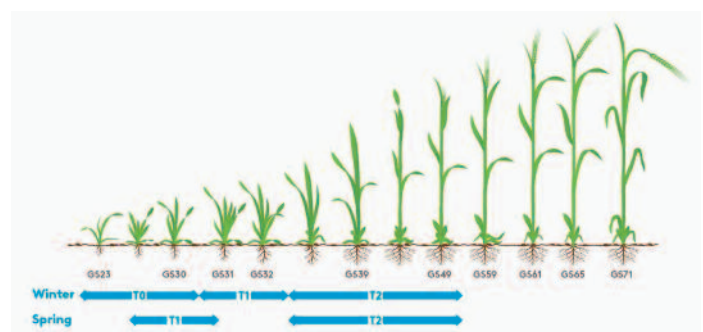


Figure 3: Spring Barley fungicide timings

Source: Adama

### Control

Final fungicide sprays this year should be quite comprehensive due to the weather we experienced in May. **Acorn Barley Gold** is a package product from Quinns which includes **Nyvair** and **Serpent**. This combination of prothioconazole, an SDHI and a strobilurin will provide excellent broad spectrum disease control, and ensure the crop gets as close as possible to its yield potential. The pack covers an area of 6.25ha. **Macfare Xpro** combines two SDHI's in bixafen and fluopyram, with prothioconazole. This is another effective option and provides similar excellent broad spectrum disease control @1l/ha.

For more information on disease control strategies contact your local Quinns technical agri sales representative.

# Maximise Grass Yields with Liquid Nitrogen

**Omex Liquid nitrogen is a perfect fertiliser choice for your silage or grazing ground. Liquid fertiliser offers unique advantages in terms of accuracy of application, uniform distribution of fertiliser, rapid uptake and increased production in dry conditions. Liquid nitrogen ensures uniform distribution across the field, minimizing clumping and volatilization losses that occur with granular forms. It provides a balanced mix of fast-release (nitrate) and slow-release (urea) nitrogen, supporting both immediate and sustained plant growth. Nitroshield (NBPT inhibitor) can be included in the liquid fertiliser to protect the urea component from volatilisation.**

Grass is the cheapest and highest quality feed on your farm, maximising growth and utilisation is key to driving profit and production. In grazing or post cut situations, grass will respond quicker to Liquid N than granular fertiliser. This is because liquid N is much more mobile in the soil, especially in dry conditions. Liquid Nitrogen contains Sulphur which is very important for nitrogen uptake and efficiency. In cutting situations, you can apply liquid straight after the grass has been harvested. Once this is done you can straight away apply slurry. This allows farmers to shorten their intervals between cuts, which can help increase silage quality. This is also particularly useful for farmers in multi-cut silage systems as reduced intervals between cuts may allow for an extra cut in a year.

**Please enquire with your local Quinns technical sales advisor or your local Quinns Agristore branch for more information on**

**liquid fertiliser. A contractor application service is available from all Quinns branches.**

## Omex Nutriflo® vs Protected Urea

North Tipperary - July 2020

Two paddocks side by side of Perennial Rygrass.

4th of July	LHS - 34 kg/ha N Protected Urea	LHS - 34 kg/ha N Nitroflo 26S
-------------	---------------------------------	-------------------------------

**After 14 days:  
65% more grass  
with same units  
of nitrogen**



	LHS	RHS
Kg/Ha of Nitrogen	34	34
Quadrant	170g	280g
DM%	15	14
Kg/Ha	1020	1680
Days growth Post fertiliser	14	14
Growth/day-Kg DM	78	120



**Scan the QR code to find out more about liquid fertiliser**

## ECOSYL



**Quinns 5+1 Ecosyl Offer is BACK for 2025 from May 01st – June 12th**

**Get stocked for the season with Buy 5, Get 1 FREE on liquid and powder Ecosyl**

### Why Ecosyl?

- Contains exclusive MTD/1 strain
- Improves fermentation, digestibility & animal performance
- Liquid or dry application
- Increased dry matter retention
- GMO free

**Also available: Ecocool – the twin-strain inoculant ideal for crops at risk of spoilage!**

- Combines MTD/1 + PJB/1
- Faster, more efficient fermentation
- Boosts aerobic stability & reduces waste
- Suitable for grass, maize, legumes & bi-crops
- Liquid only, GMO free & organic-use approved
- Each bottle/bag treats 100t of forage

**Contact your local Quinn's rep call into your local Quinns branch.**

# 10 Steps to Overseeding

Overseeding is an excellent option where you have an open sward that doesn't justify a full reseed. Quinns have many different Green Ley mixes in stock.

**For the best cover contact your local Quinns Technical Sales Advisor or call into your nearest branch.**



Scan the QR code for our Grass seed brochure

1. Identify swards that would benefit from rejuvenation/overseeding
2. The best time to over seed is after intensive grazing/silage cut
3. Soil Test
4. Spray weeds before cutting silage
5. Prepare the ground for overseeding.
6. Decide on method of overseeding – use a Guttler/Atchison machine to achieve soil to seed contact
7. Quinns Green Ley seed allows for overseeding during wet periods
8. Sowing rate ranges from 7-14kg per acre
9. In dry periods apply a light coating of slurry (1,000 gallons per acre) after sowing
10. Don't use high nitrogenous fertilisers as this will generate competition from your existing sward

## Feeding lambs and hoggets this summer



**Current markets for spring lambs are achieving €9.20/kg with hoggets back on €8.50/kg. Supplementing lambs early to maximise growth rates and drive earlier finishing which will in your best interest to do this year.**

The poor spring has left lambs wanting for more energy to thrive and it resulted in lambs to lose up to 15grams/day which doesn't sound like a lot but over a number of weeks left lambs around 2kg lighter come weaning. Supplementing lambs now with a ration/pellet will maximise the live weight gain as early as possible which is crucial to achieving optimum growth rates and maximum profits.

We would recommend our **Supreme Hogget Coarse ration/pellet** for most lambs at this point

- A 14% crude protein ration, with 0.96UFL content to give high energy levels for the finishing period
- Contains high proportion of Irish rolled barley and flaked maize to give good cover and conformation on lambs
- Contains ammonium chloride to help prevent urinary calculi
- High fibre inclusion for feeding ad lib

If you have lambs that are lighter or smaller in size they will respond better to a high plane of nutrition and higher protein ration. Protein will directly improve the frame of these lambs. Our own **Supreme Intensive Lamb** is available in coarse ration or pellets which can be fed to help finish smaller lambs quicker.

- A 17% Crude protein,
- high energy content of 0.97UFL as fed to achieve maximum growth rates and thrive
- Contains ammonium chloride to prevent urinary calculi

Ensure the lamb has fresh clean water everyday alongside our pellet/ration to support intakes.

**Contact one of our agri sales representatives or branch staff to get more details.**



Scan the QR code for more information on our sheep feed

# New Post

## Exciting Announcement: New Agri Technical Sales Rep at Quinns Superstore Baltinglass

We are excited to announce that Chloe Dwyer has stepped into the role of Agri Technical Sales Representative for Quinns Superstore, Baltinglass and the surrounding area.

With a strong background in Agriculture, a UCD graduate and a passion for supporting farmers and agri-businesses, Chloe brings both expertise and enthusiasm to this new position. In this role she will be working closely with our customers to provide tailored solutions, technical advice, and product support to help them grow more efficiently and sustainably.

Chloe has already proven to be a key contributor to our team since 2020, and we're confident that her knowledge and commitment will be a great asset to the farming communities we serve locally.



Scan the QR code to Meet the Team

# FREE DRAW

As Quinns approach our financial year end we would be grateful if account holders could review their statements and forward any amounts due. All account holders who make payment of their accounts during the month of June will be entered into a FREE draw for Quinns vouchers.

# Say Yes to Email

Please make the switch to receive your monthly statement via email. This will keep the planet and your accountant happy. Phone 059-6481266 to add your email address to your account or email [sales@quinns.ie](mailto:sales@quinns.ie) and we can switch you over.

# Grain Preservation

**With harvest around the corner it is time to start looking at the grain preservation options available to you this season.**

## XL Grain

- Raises the pH of the grain to a minimum of 8.5 to make it alkaline safe to feed at high levels
- Increases the protein of the grain by 5 percentage points i.e. (taking the grain from 10% protein to 15% protein)
- Stored undercover for 3 weeks to allow fermentation process occur
- Easy to use at a rate of 1 x 20kg bag per ton of grain (urea and enzymes are in 1 bag)
- Treat grain between 18-20% moisture
- Safe and ready to use mixed ration, making it an efficient use of home grown cereals



## Propcorn NC

- A non-corrosive propionic based treatment for the aerobic preservation of grain
- It can be applied to all cereals and pulses to preserve grain and protect against moulds and mycotoxins for up to 12 months
- Cost effective solution for the storage of moist cereals
- Generally grain from 15% – 24% moisture can be propcorn treated
- Whole or rolled grain can be treated (slightly higher application rates for rolled grains)



Scan the QR code for more information on XL Grain