

Northern Ireland Arable Conference

Guy Smith
Deputy President
National Farmers Union
15th January 2018

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Navigating Brexit for British Farming

NFUUnited
There's strength in members.

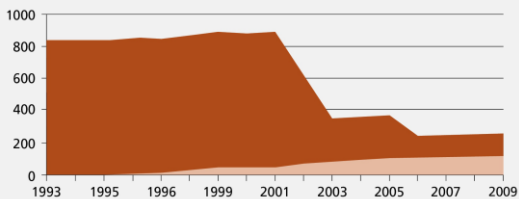
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DEVELOPMENT OF APPROVED ACTIVE SUBSTANCES

Source: European Commission

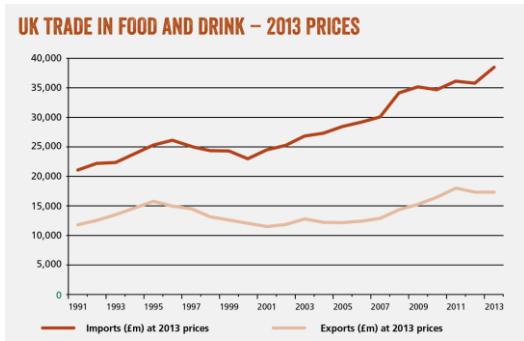
■ 'Old' active substances ■ 'New' active substances



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Regulatory Process

Brussels(active ingredients) UK (Products)



The Precautionary Principle



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Glyphosate Reauthorisation at EU level

GLYPHOSATE IS VITAL

HOW #GLYPHOSATE WORKS FOR US ALL
The widespread use of approved glyphosate-based products delivers advantages for farmers and our environment.

1. Increasing the productivity of the UK's food and drink supply chain
2. Supporting the UK's food and drink supply chain to meet the growing demand for food and drink
3. Increasing the productivity of the UK's food and drink supply chain
4. 4% increase in productivity of the UK's food and drink supply chain
5. 4% increase in productivity of the UK's food and drink supply chain
6. 4% increase in productivity of the UK's food and drink supply chain
7. 4% increase in productivity of the UK's food and drink supply chain
8. 4% increase in productivity of the UK's food and drink supply chain
9. 4% increase in productivity of the UK's food and drink supply chain

Inform the debate with our Glyphosate is Vital leaflet

How Glyphosate Works for Us All - download our infographic here









Relative toxicity

Substance	LD ₅₀ Oral (mg/kg)
Sugar	29,700
Vitamin C	11,600
Grain Alcohol	7,060
Glyphosate	>5,000
Acetic acid (in vinegar)	3,350
Table salt	3,000
Paracetamol	1,944
Tallow Amine	>864
Aspirin	200
Caffeine	192
Sodium fluoride (in toothpaste)	52
Vitamin D3	30-50
Nicotine	10
Botox	0.0000001



EXAMPLES OF INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) CARCINOGENIC CLASSIFICATIONS

Since 1979, IARC has reviewed hundreds of products, chemical compounds, lifestyles, viruses, workplaces and other agents for their carcinogenic potential. Here are some examples of IARC's hazard identifications.¹

CATEGORY 4 Probably not carcinogenic to humans ²	CATEGORY 3 Not classifiable as to carcinogenicity in humans ²	CATEGORY 2B Possibly carcinogenic in humans ²	CATEGORY 2A Probably carcinogenic to humans ²	CATEGORY 1 Carcinogenic to humans ²
CAPROLACTAM Of the hundreds of agents IARC has reviewed, this chemical, primarily used in the manufacturing of synthetic fibres, especially nylon, is the ONLY item IARC has ever placed in this category. ³	 FLOURESCENT LIGHTING	 COFFEE	 WORKING AS A BARBER/ HAIRDRESSER	 SUNLIGHT
 CAFFEINE/TEA	 CARPENTRY	 GLYPHOSATE	 ALCOHOLIC BEVERAGES	

¹ <http://www.24d-revision/IARC-cod24D.php> ² <http://monographs.iarc.fr/ENG/Classification/ClassificationsAlphaOrder.pdf>
³ <http://www.epa.gov/toxsub01/hbdef/caprolac.html>



Follow

Support European petition to restrict pesticide use, reform safety procedures and get glyphosate out of food > [soilassociation.org/our-campaigns/...](http://soilassociation.org/our-campaigns/)



Metaldehyde Update

26 th January 2018:	"I am writing to advise you that we intend to consult soon on a targeted ban on metaldehyde, to complement ongoing catchment management and voluntary stewardship." Therese Coffey
21 st June 2018:	"I would urge you to re-register these metaldehyde-based products for use in the UK" Guy Smith
22 nd August 2018:	"The decision on re-registration will soon be made and will be passed to the applicant companies as soon as it has been. Depending on the outcome of re-registration, the government will consider the need to consult on a targeted restriction of metaldehyde to address drinking water quality." George Eustice

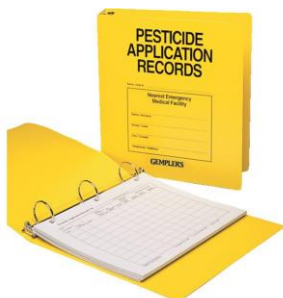
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2017 updated stewardship guidelines

- All methods of integrated pest management should be considered before using metaldehyde-based slug pellets to control slugs (trapping/ thresholds/ cultivation technique, removing trash, drilling method, rolling etc.)
- A 10 metre no spread zone should be applied to all field margins to protect water courses, birds and small mammals.
- This no spread zone applies to all field boundaries, not just water courses. Ferric phosphate CAN be applied on these margins if needed.

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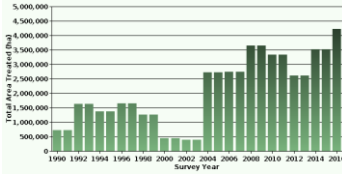


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Existing data on PPP use – Pesticide Usage Survey (PUS)

Total Area Treated¹ (ha) of Chlorothalonil applied to Cereals in Great Britain



Key challenges facing PUS

- A survey, so subject to error margins
- Data is not useful for farmers directly
- Delayed data
- Not annually surveyed so misses season specific detail
- Area sprayed, not crop area
- No data on specific cereal crops e.g. wheat

Identical results may occur in consecutive years because crops are not surveyed annually and are extrapolated.

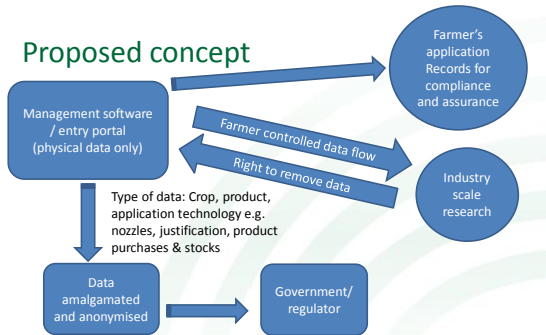
¹Area treated refers to the **active substance treated area**. This is the basic area treated by each ai, multiplied by the number of times the area was treated. For example a field of 3 ha is treated 4 times with active X. Therefore the area treated is 12 ha (3x4).

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Proposed concept



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What does “no deal” mean for farming?

- Trading with EU on WTO terms
- EU tariffs
- Threat of unilateral import tariff reduction/abolition
- Technical restrictions on EU trade
- Uncertainty on free movement and citizens rights
- Disruption and delays at the borders



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