

Copa Cogeca Working Party on Phytosanitary Questions
3 May 2017

Glyphosate re-authorisation update

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Glyphosate

What is the issue?

NFU activity

Get Political

Toxicity/ carcinogenicity

How/ Where to fight this battle

What next?

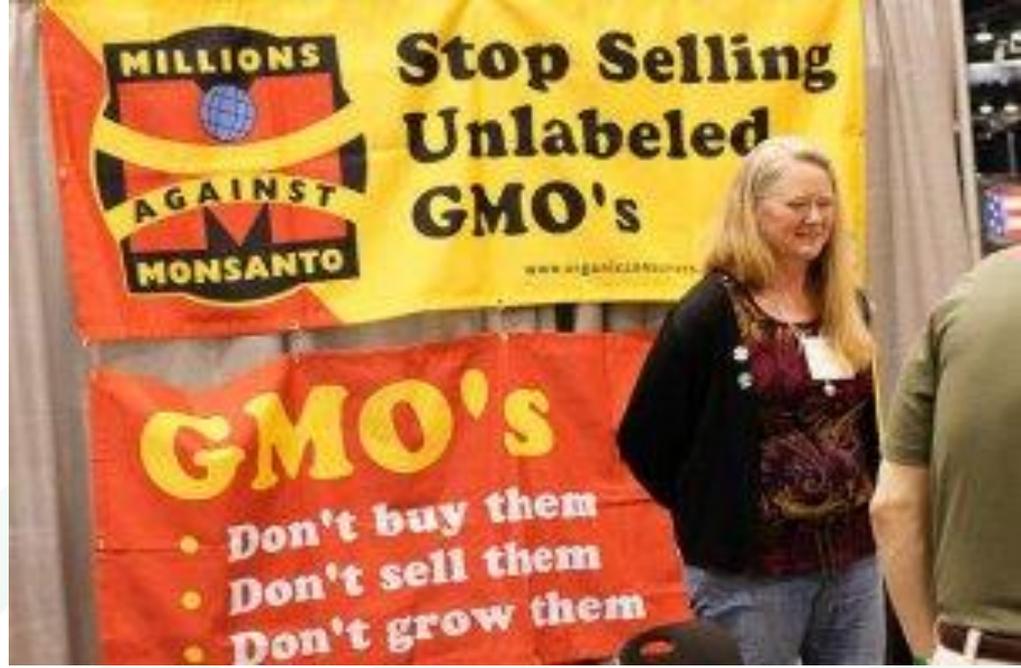


Update on Glyphosate



NFUnited
There's strength in members.







Glyphosate

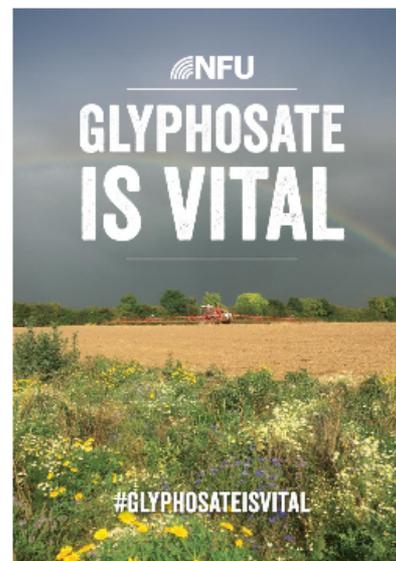
There are times when plants need to be managed by farmers and growers, particularly to help produce crops with the least possible environmental impact.

Glyphosate is used in a number of ways in agriculture in the UK and globally. It is the active ingredient in the world's most-used weed killer, Roundup. In the UK it is used in stubble fields for weed control before planting and before new crops start to appear. It is also used on cereals and oilseed rape before harvest to help make harvesting easier, control weeds, reduce disease and the potential for natural contaminants to develop, and to curb the number of weeds in the following season.

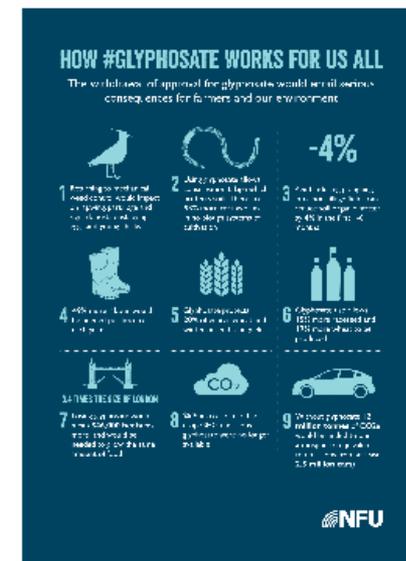
Glyphosate reduces the need for ploughing, which helps the environment through reducing CO2 emissions, minimising soil erosion, and improving soil quality.

Regulatory bodies around the world have looked at the scientific evidence and concluded that glyphosate poses no risk to people when used correctly.

- [Glyphosate - the basics: Our Q&A](#)
- [Glyphosate: The independent evidence](#)
- [Glyphosate: what the experts say](#)



Inform the debate with our Glyphosate is Vital leaflet



How Glyphosate Works for Us All - download our infographic here

Glyphosate is safe

Glyphosate is authorised for use in more than 150 countries around the world.

Regulatory bodies across the globe have studied the scientific evidence on glyphosate and concluded that it is unlikely to pose a human health risk when used correctly. Below are links to a number of the most recent regulatory reports, and other independent reviews, that have said that glyphosate is safe to use.

- [World Health Organisation/Food & Agriculture Organisation of the UN](#)
- [European Food Safety Authority](#)
- [Environmental Protection Agency **United States**](#)
- [Pest Management Regulatory Agency **Canada**](#)
- [Environmental Protection Authority **New Zealand**](#)
- [Australian Pesticides and Veterinary Medicines Authority **Australia**](#)
- [BfR – German Federal Institute for Risk Assessment](#)
- [A review of the carcinogenic potential of glyphosate by four independent expert panels and comparison to the IARC assessment – Critical Reviews in Toxicology \[Sept 2016\]](#)

Farmer engagement

MUST READ

Glyphosate - we need your support

The active substance glyphosate will be up for re-authorisation by the European Commission by 31 December 2017.



Glyphosate – how you can get involved:

- Write to your MP / MEP
- Invite politicians out onto farms
- Attend MP surgeries
- Show them what glyphosate allows you to do (min-till; zero till; soil protection etc.)
- Get involved with social media
- Engage people in the debate

Invite MPs and MEPs out on farm

Yorkshire farmers get the message across on glyphosate



Yorkshire farmers turned out in force for a day of campaigning on glyphosate recently, with two meetings

HOW #GLYPHOSATE WORKS FOR US ALL

The withdrawal of approval for glyphosate would entail serious consequences for farmers and our environment



1 Returning to mechanical weed control would impact on lapwing, partridge and skylark nests destroying eggs and young chicks



2 Using glyphosate allows conservation tillage which protects soils. There are 53% more earthworms in no plough systems of cultivation

-4%

3 Reintroducing ploughing into non-tillage fields can reduce soil organic matter by 4% in the first 1-6 months



4 49% more labour would be needed per hectare each year



5 Glyphosate protects 20% of winter wheat and winter oilseed rape yield



6 Glyphosate use allows 15% more rapeseed and 17% more wheat to be produced



3.4 TIMES THE SIZE OF LONDON

7 Losing glyphosate would mean 546,000 hectares more land would be needed to grow the same amount of food



8 25% increase in arable crop GHG emissions if glyphosate were no longer available



9 Without glyphosate 12 million tonnes of CO2e would be added to our atmosphere (equivalent to emissions from at least 2.5 million cars)



GLYPHOSATE IS VITAL



#GLYPHOSATEISVITAL

NFUnited
There's strength



NFU welcomes ECHA decision reinforcing glyphosate's safety



The NFU has today welcomed the conclusions of the European Chemicals Agency (ECHA) which say the scientific evidence 'did not meet the criteria to classify glyphosate as a carcinogen, as a mutagen or as toxic for reproduction' ([read the ECHA press release here](#)).

NFUnited
There's strength in members.



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 humans²

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.²

CATEGORY 3

Not classifiable as to carcinogenicity in humans²



FLOURESCENT LIGHTING



CAFFEINE/TEA

CATEGORY 2B

Possibly carcinogenic in humans²



COFFEE



CARPENTRY

CATEGORY 2A

Probably carcinogenic to humans²



WORKING AS A BARBER/HAIRDRESSER



GLYSOPHATE

CATEGORY 1

Carcinogenic to humans²



SUNLIGHT



ALCOHOLIC BEVERAGES

¹ <http://www.24d.reviews/IARC-and24D.php> ² <http://monographs.iarc.fr/ENG/Classification/ClassificationsAlphaOrder.pdf>

³ <http://www.epa.gov/ttnatw01/hlthef/caprolac.html>

Twitter content



Glyphosate is the backbone of sustainable farming. It enables less intensive cultivations, reduces soil erosion and helps maintain the production of safe, affordable food.

Tom Bradshaw, arable farmer,
Essex

#Glyphosateisvital

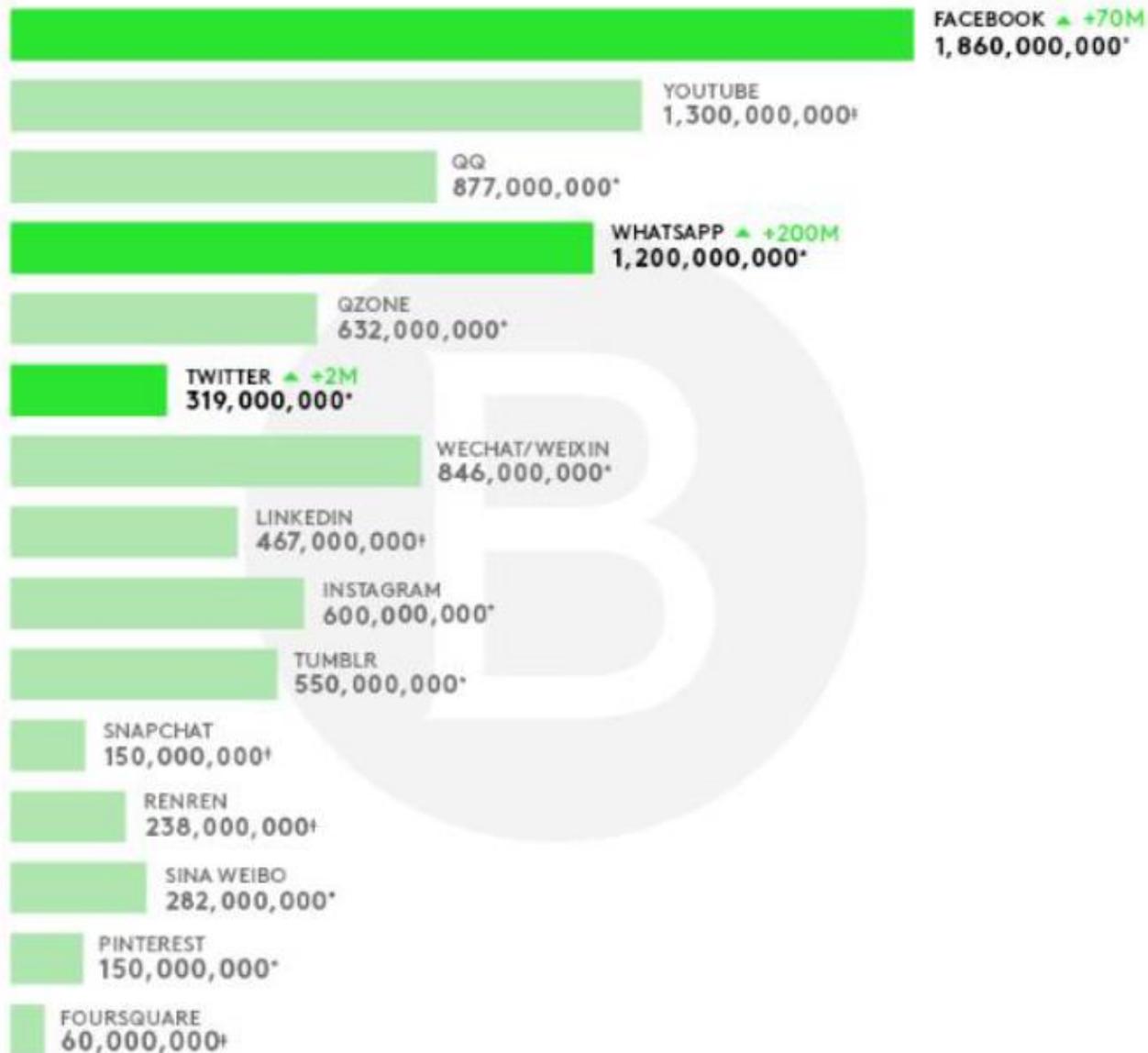
#Glyphosateisbeneficial



Glyphosate reduces the need for mechanical weed control, which can damage partridge, skylark and lapwing nests and destroy eggs and young chicks.

#Glyphosateisbeneficial

Who's on social media?





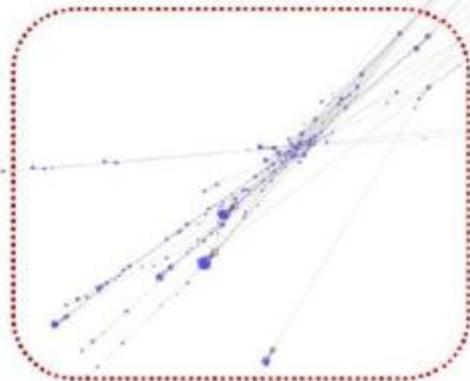
Network Map – The Glyphosate Debate

Conspiracy /
Shadow Gov

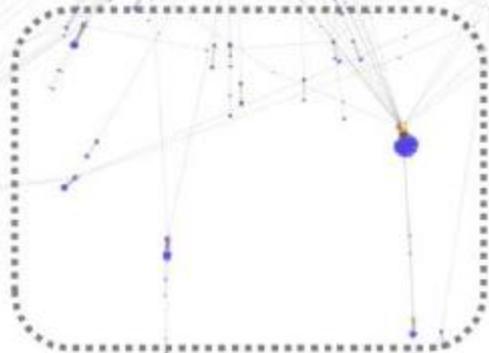
Mainstream anti-GM

European
Environmentalists

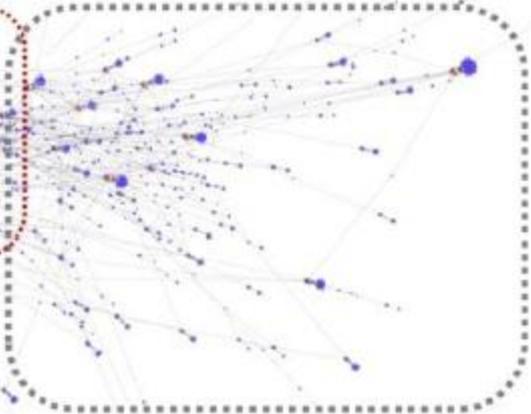
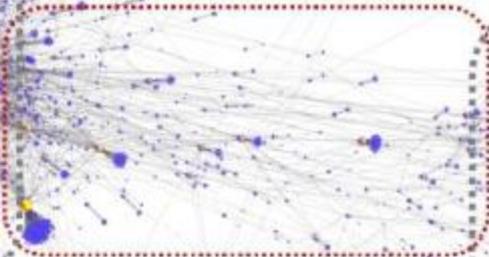
Science
Writers and
Industry



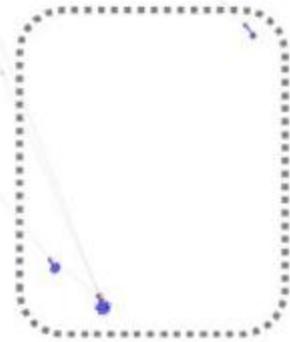
Canadian



Scientific
magazines and
news (English)



Scientific
magazines and
news (French)





Engaging Brussels
Influencers



Engaging with Brussels Influencers

Most MEPs use Facebook and Twitter – 87% are on Facebook, while 76% are on Twitter

61% of MEPs follow social media conversations DAILY in their legislative work

57% of MEPs say they check Wikipedia at least a few times every week

Traditional pan-European and national media EU-focused media are consulted by MEPs on a daily basis, often via Twitter

93% of MEPs use Twitter to engage with relevant stakeholders

Do

- Be yourself
- Make it personal
- Get the facts right, Be truthful
- Be helpful – try and get answers
- Speak in the first person
- Engage in conversation, if this seems possible
- Use common sense and courtesy
- Always take the high road
- Respect other people's opinions
- Cite your sources, using links when possible (especially to other people's supportive content)

Don't

- Lie. Or pretend you know the answer, if you don't
- Become argumentative or pick fights
- Criticise a person. If you need to correct something, correct the facts, or state you have a difference of opinion
- Use canned or very formulaic responses. This doesn't sound real
- Ignore or censor something because you don't agree. Only do this if it's insulting or offensive

We took UKIP MEP [@RogerHelmerMEP](#) on farm today so he could see the importance of glyphosate [#glyphosateisvital](#)
bit.ly/2n9OeUz



RETWEETS
32

LIKES
36



4:05 AM - 10 Mar 2017

5

32

36

NFUunited
There's strength

NFU

Next steps

“Glyphosate

A discussion on the next steps in the glyphosate approval process will also be taken by the College of Commissioners (with glyphosate and ED presented as a package for consideration at one College meeting). While there is no final decision, the current feedback from the PPP Unit is that it is expected to be a proposal for a 15 year approval.”