



Netherlands Food and Consumer
Product Safety Authority
*Ministry of Agriculture,
Nature and Food Quality*

NL experience on Comparative Assessment



Ivonne Elberse,
Workshop CA, Lisbon, 2018



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Content

- NL experience
- NL procedure
- Questions



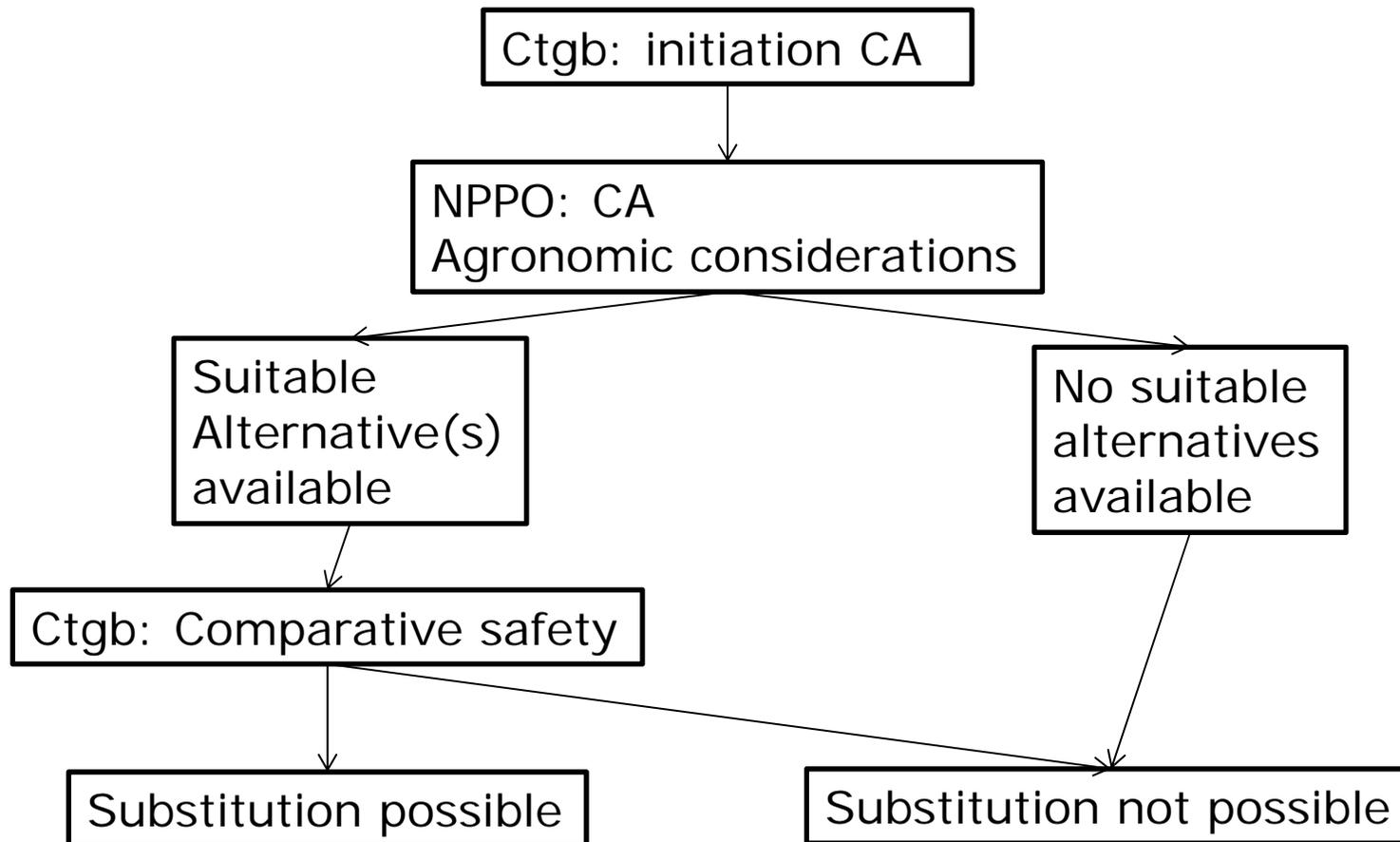
NL experience

Limited experience

- 9 CA's
- 1 CA in 2015, 1 in 2017 and 7 in 2018

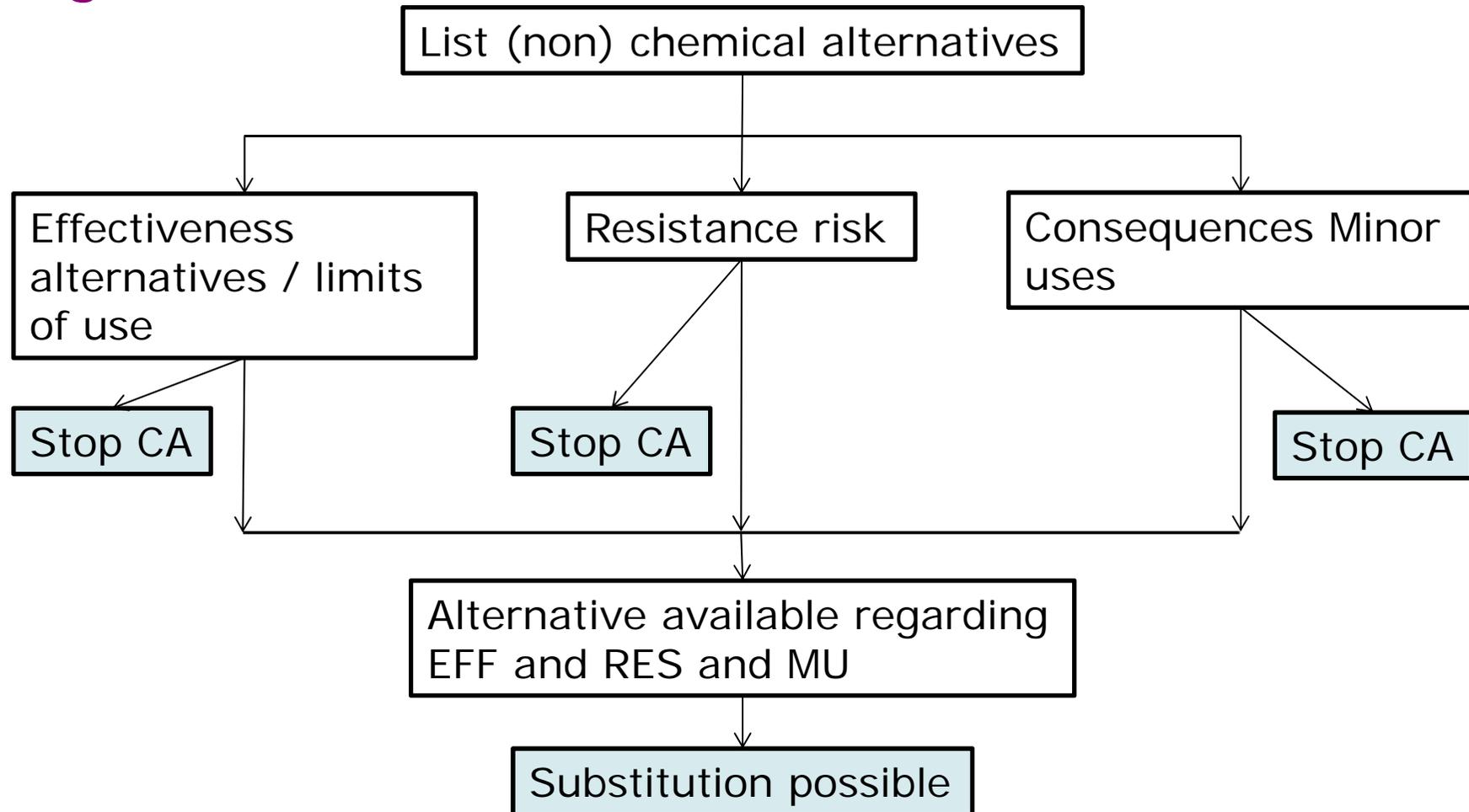


NL procedure





Agronomic considerations





Assumptions (1)

- No agricultural system approach
- Authorised products are effective
- Other CfS is no alternative
- Alternative has same mode of application
- Resistance management: no change in # MoA's or at least 5 MoA's



Example

Annex I: Alternative authorised plant protection products in the Netherlands

An overview of chemical alternatives (date: 02-08-2018), for the proposed major uses of

Product X

<u>Crop</u>	<u>Pest/ disease/ weed</u>	Product	A.s.	RAC- code	Differences in limitations in the use of the alternative (e.g. according to the label)	Alternative regarding limits in use	<u>Alternative regarding resistance management</u>
<u>wheat</u>	<u>Septoria tritici</u>	A	M	M05	-	yes	yes
		B	N, O	C2, G1	<u>Cfs</u>	no	no
		C	P, Q	C2, G1	90% drift reduction required on fields adjacent to surface water	no	yes
		D	R	C3	not permitted to use straw from treated wheat to feed animals	no	yes
		F	S	M05	-	yes	yes
		G	T	C3	<u>Use permitted until 1-11-2018</u>	no	no
		H	U,V	C2, G1	<u>Different application period</u>	no	yes
		I	W	C3	<u>Not authorised in winter wheat</u>	no	no



Assumptions (2)

- Non-chemical alternatives according to Defra document



Non-chemical pest control methods:

A review of the literature to establish their efficacy and safety to workers, to inform the process of comparative assessment required by new pesticide legislation.

Defra Project Code: PS2809/348656



Date
24th Jan 2013

Submitted to:
Sally Wood

Report Authors:
Jonathan Blake, Tim O'Neill, Peter Gladders,
Mike Lole, Jessica Sparkes, Jude Bennison,
Gemma Gillies, and Sarah Cook.



Example

Non-chemical pest control		Oilseeds						Potatoes									
		Pest controlled					Rating	Pest controlled			Rating						
		Slugs	Cabbage stem flea beetle	Pollen beetle	Cabbage seed weevil	Pod midge	Aphids	Effectiveness	Current use	Economic Viability	Potato cyst nematode	Aphids	Cutworm	Wireworm	Effectiveness	Current use	Economic viability
Pre-cropping	Minimise trash/crop residues	✓					3	3	3				✓	3	3	3	
	Seedbed quality	✓					3	3	3						0		
	Extra cultivations	✓					3	3	3			✓		3	3	3	
	Increase seed rate	✓					3	3	3						0		
	Drilling method	✓					3	3	3						0		
	Flooding							0		✓			✓		0		
	Solarisation							0		✓					0		
	Soil analysis for pests							0		✓			✓	4	3	3	
	Hot water treatment							0							0		
	Trap cropping							0		✓					0		
	Seed testing							0							0		
	Planning pest control strategy	✓	✓	✓	✓	✓	✓	3	4	3	✓	✓	✓	✓	3	4	3
	Glasshouse/tunnel clean-up							0							0		
	Growing out of the soil							0							0		
Soil steaming							0							0			
	Rolling soil post-planting	✓					3	3	3						0		
	Beetle banks					✓	1	1	1	✓				1	1	1	
	Diverse crop margins					✓	1	1	1	✓				1	1	1	
	Trap/banker plants/push-pull							0							0		
	Suction apparatus							0							0		
	Intercropping/companion planting							0							0		
	Controlled irrigation							0				✓		4	4	4	



Questions

- When is a non chemical method considered as an alternative?
- Do other MS use information from growers/advisors/expert judgement?
- Do other MS assess effectiveness of alternatives?

Thank you for your
attention



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