

Danish experiences on comparative assessment of PPPs

Per Kudsk

Aarhus University

Denmark

Overview

- Agreement with the Danish EPA that efficacy is the starting point for CA
- Follow EPPO PP 1/272
- 16 cases
- Aclonifen, difenoconazole, diflufenican, epoxiconazole, metsulfuron-methyl
- No cases of substitution

How do we do it?

- Q1
 - We refer to available information concerning chemical alternatives and the DEFRA study concerning non-chemical alternatives
- Q2
 - Use the decision support system ‘Crop Protection Online’ for herbicides and our ‘star classification’ for fungicides.

Crop Protection Online

DR | TV, radio, nyheder og meget mere | Planteværn Online > Problemløser

https://plantevaernonline.dlbr.dk/cp/weeds/Parameters.asp

Apps | Bookmarks | Importeret fra IE | Login on EPPO Stand | http://www.urkund.c... | Per Kudsk - Google S... | Ny fane | English Idioms | Andre bogmærker

Crop Protection Online News per 7th September 2015 22.10.2018
Agro-region: Denmark

Weeds > Problemsolver > Field report

Conditions for calculation Strategy for a growing season

Crop

Crop: Barley, spring Undersown: None Expected yield: 45-60 t/kg/ha Growth stage: 13. 3rd leaf enfolded

Growth conditions

Min. Temp. 8°C Max. temp. 14°C

Weeds found by field inspection

Weed species (English)	Growth stage	Density	Need	Delete
Cleavers	0-2 leaves	2 - 10 pl./m ²	<input type="checkbox"/>	<input type="checkbox"/>
Common Chickweed	0-2 leaves	2 - 10 pl./m ²	<input type="checkbox"/>	<input type="checkbox"/>
Common Poppy	0-2 leaves	2 - 10 pl./m ²	<input type="checkbox"/>	<input type="checkbox"/>
Field Forget-me-not	0-2 leaves	2 - 10 pl./m ²	<input type="checkbox"/>	<input type="checkbox"/>
Scentless Mayweed	0-2 leaves	2 - 10 pl./m ²	<input type="checkbox"/>	<input type="checkbox"/>
----- Select -----	----- Select -----	----- Select -----	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Drought stress: None

Calculation conditions

Find best treatment options as to Cost

Save settings for this page in URL Treatment options >>

'Star classification' for fungicides

Tabel 1. Relativ virkning af godkendte svampemidler i korn

Sygdomme	Approach	Amistar/ Mirador	Armure ⁶⁾	Bell	Bumper	Ceando	Comet Pro	Flexity	Folicur Xpert	Folpan 500 SC	Juventus 90
	(picoxy- strobil)	(azoxy- strobil)	(propi- conazol + difeno- conazol)	(epoxi- conazol + bosca- lid)	(propico- nazol)	(epoxi- conazol + metra- fenon)	(pyracl- strobil)	(metra- fenon)	(tebu- conazol + prothio- conazol)	(folpet)	(metco- nazol)
Knækkefodsyge	-	-	-	**	-	**	-	**	*	-	-
Hvedemeldug	*1)	*1)	**	**	**	**(*)	*1)	**(*)	***(*)	*	**
Bygmeldug	**1)	*1)	***(*)	**(*)	***	****(*)	**1)	****(*)	****	*	***
Gulrust	***	***(*)	****	*****	***(*)	*****	***(*)	-	****	*	**(*)
Brunrust	***(*)	***(*)	***	****(*)	***	****(*)	****	-	****	*	***(*)
Bygrust	****(*)	****(*)	***	****(*)	***	****(*)	****(*)	-	****(*)	**	****
Septoria	*1)	*1)	***	***(*)	**	***	*1)	-	**(*)	**	**(*)
Hvedebladplet	*1)	*1)	***(*)	**	***(*)	**	*1)	-	**	-	*
Skoldplet	***(*)	**(*)	**(*)	***(*)	**(*)	***(*)	***(*)	-	***(*)	*	***
Bygbladplet	****(*) ²⁾	***2)	***	****	**(*)	***	****(*) ²⁾	-	**(*)	*	**(*)
Ramularia	*1)	*1)	-	****(*)	-	***(*)	*1)	-	*(*)	*	-
Aksfusarium	-	-	(*)	*	(*)	(*)	-	-	**(*)	-	**
Normaldosering, liter/kg pr. ha	0,5 ³⁾	1,0	0,8	1,5	0,5	1,5	1,25	0,5	0,5 ³⁾	1,5	1,0
Pris pr. normaldosering inkl. afgift, ekskl. moms	166	300	365	675	98	662	440	386	148	243	237

Conclusions

- So far, the CA has stopped at Q1 or Q2, i.e. we have not been forced to deal with the more complicated questions
- Should we make it to Q6-Q10 we would have to deviate from the numbers of mode of actions mentioned in PP 1/213.