

## Annex 1: Minimum number of trials to be conducted in the Northern Zone (version 4, 6 May 2015)

### FUNGICIDES

Crop	Target*	Extrapolations acceptable from (if the uses are comparable)	Minimum number of trials	
			New active ingredients	New formulations of registered active ingredients
Wheat (spring and winter )	Septoria tritici blotch	Triticale	6 to 8	3 to 4
	Powdery Mildew		4 to 6	2 to 3
	Brown rust	Triticale, rye	4 to 6	2 to 3
	Yellow rust	Triticale, rye	4 to 6	2 to 3
	Eyespot	Triticale, rye	4 to 6	2 to 3
	Tan spot	Triticale	3 to 5	2 to 3
	Fusarium head blight	Triticale, rye, oat	3 to 5	2 to 3
	Stagonospora nodorum	Triticale	3 to 5	2 to 3
Barley (spring and winter)	Powdery Mildew		4 to 6	2 to 3
	Net blotch		4 to 6	2 to 3
	Rhynchosporium	Triticale, rye	4 to 6	2 to 3
	Barley rust		4 to 6	2 to 3
	Ramularia leaf spot		3 to 5	2 to 3
Oat	Leaf spot		3 to 5	2 to 3
	Crown rust	Ryegrass	3 to 5	2 to 3
	Powdery Mildew		2 to 3	1 to 2
Rye/triticale	Powdery Mildew	Wheat	2 to 3	1 to 2
	Stagonospora nodorum	Wheat	3 to 5	2 to 3
	Brown rust	Wheat	3 to 5	2 to 3
	Rhynchosporium	Barley	3 to 5	2 to 3
Potato	Late blight		6 to 8	3 to 4
	Early Blight ( <i>Alternaria</i> )		6 to 8	3 to 4
Oilseed rape	<i>Sclerotinia</i>	Other crops attacked by sclerotinia	4 to 6	2 to 3
	<i>Alternaria</i>	Spring oilseed rape, turnip rape	4 to 6	2 to 3
	Phoma	Spring oilseed rape, turnip rape	4 to 6	2 to 3
	<i>Botrytis</i>	Spring oilseed rape, turnip rape	4 to 6	2 to 3
Sugar/fodder beet	Ramularia leaf spot	Beetroot	3 to 5	2 to 3
	Rust	Beetroot	3 to 5	2 to 3
	Powdery Mildew	Beetroot	3 to 5	2 to 3
	Leaf spot disease ( <i>Cercospora beticola</i> )	Beetroot	3 to 5	2 to 3

All other (=minor) targets	See EPPO standard PP 1/257 (1) Efficacy and crop safety extrapolations for minor uses as well as Extrapolation tables for minor uses	2 to 3	1 to 2
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### INSECTICIDES

Crop	Target	Extrapolations acceptable from (if the uses are comparable)	Minimum number of trials	
			New active ingredients	New formulations of registered active ingredients
Cereals	Aphids	Other cereals	4 to 6	2 to 3
Cereals	Cereal leaf beetle	Other cereals	3 to 5	2 to 3
Cereals	Thrips	Other cereals	4 to 6	2 to 3
Oilseed rape	Blossom beetle	Turnip rape and other Brassicaceae for seeds	6 to 8	3 to 4
Oilseed rape	Cabbage seed weevil	Turnip rape and other Brassicaceae for seeds	3 to 5	2 to 3
Oilseed rape	Brassicaceae pod midge	Turnip rape and other Brassicaceae for seeds	3 to 5	2 to 3
Oilseed rape	Rape flea beetle	Turnip rape and other Brassicaceae for seeds	3 to 5	2 to 3
Sugar/fodder beet	Aphids	Beetroot	3 to 5	2 to 3
Sugar/fodder beet	Thrips		3 to 5	2 to 3
Sugar/fodder beet	Beet carrion beetle		3 to 5	2 to 3
Potato	Aphids		4 to 6	2 to 3
Potato	Colorado beetle		3 to 5	2 to 3
Maize	Frit fly	Cereals	3 to 5	2 to 3
All	Slugs	All crops	3 to 5	2 to 3
All other (=minor) targets		See EPPO standard PP 1/257 (1) Efficacy and crop safety extrapolations for minor uses as well as Extrapolation tables for minor uses	2 to 3	1 to 2

### HERBICIDES

#### Weed control trials

Crop	Target	Extrapolations acceptable from (if the uses are comparable)	Minimum number of trials	
			New active ingredients	New formulations of registered active ingredients
Winter cereals	Major weed species on the label	Other winter cereals	8 to 10	3 to 4
Spring cereals	Major weed species on the label	Other spring cereals	8 to 10	3 to 4
Winter oilseed rape	Major weed species on the label		8 to 10	3 to 4
Spring oilseed rape	Major weed species on the label	Turnip rape	6 to 8	3 to 4
Potato	Major weed species on the label		6 to 8	3 to 4
Sugar/fodder beet	Major weed species on the label		6 to 8	3 to 4
Maize	Major weed species on the label		6 to 8	3 to 4

Grass seed crops	Major weed species on the label	Cereals, grassland	4 to 6	2 to 3
Grassland	Major weed species on the label	Cereals and grass seed crops	6 to 8	3 to 4
All other (=minor) targets		See EPPO standard PP 1/257 (1) Efficacy and crop safety extrapolations for minor uses as well as Extrapolation tables for minor uses	2 to 3	1 to 2

### Selectivity trials

Crop		Extrapolations acceptable from (if the uses are comparable)	Minimum number of trials	
			New active ingredients	New formulations of registered active ingredients
Winter wheat		Spring wheat	6 to 8	3 to 4
Winter barley		Spring barley	4 to 6	2 to 3
Winter triticale/rye			4 to 6	2 to 3
Spring barley		Winter barley (or partly)	6 to 8	3 to 4
Spring wheat		Winter wheat (or partly)	4 to 6	2 to 3
Spring oat			4 to 6	2 to 3
Winter oilseed rape		Spring oilseed rape, turnip rape	4 to 6	2 to 3
Spring oilseed rape		Winter oilseed rape, turnip rape	4 to 6	2 to 3
Potato			4 to 6	2 to 3
Sugar beet			3 to 5	2 to 3
Maize			3 to 5	2 to 3
Grassland		Grass seed crops	3 to 5	2 to 3
Grass seed crops			1 to 2 trials per species	1 trial per species
All other (=minor) targets		See EPPO standard PP 1/257 (1) Efficacy and crop safety extrapolations for minor uses as well as Extrapolation tables for minor uses	2 to 3	1 to 2

### PLANT GROWTH REGULATORS\*\*

Crop	Target	Extrapolations acceptable from (if the uses are comparable)	Minimum number of trials	
			New active ingredients	New formulations of registered active ingredients
Winter wheat	Lodging	Spring wheat (or partly)	4 to 6	2 to 3
Winter barley	Lodging	Spring barley (or partly)	4 to 6	2 to 3
Winter triticale/rye	Lodging		4 to 6	2 to 3
Spring barley	Lodging	Winter barley (or partly)	6 to 8	3 to 4
Spring wheat	Lodging	Winter wheat (or partly)	4 to 6	2 to 3
Spring oat	Lodging		4 to 6	2 to 3
Oilseed rape	Lodging, winter hardness		3 to 5	2 to 3
Grass seed crops	Lodging		2 trials per crop species	1 trial per crop species

All other (=minor) targets			2 to 3	1 to 2
DESSICANTS				
Crop	Target	Extrapolations acceptable from (if the uses are comparable)	Minimum number of trials	
			New active ingredients	New formulations of registered active ingredients
Potato			4 to 6	2 to 3
Oilseed rape		Turnip rape and other Brassicaea	4 to 6	2 to 3
All other (=minor) targets			2 to 3	1 to 2

\*For targets listed in column B the number of trials indicated in column D or E must be provided. If no data are available data on the same target in the crops listed in column C can be used

\*\*The 2N dose should be included in trials with plant growth regulators to test for crop selectivity