

NATIONAL HERBICIDE RESISTANCE SURVEY IN 2020- RYEGRASS- YOP, MIN, LON



Region & Samples tested	% resistant samples (resistant ≥20% survival in pot trial)					
	Trifluralin 1.5L/ha	Boxer Gold 2.5L/ha	Sakura 118g/ha	Rustler 1L/ha	Luximax 500ml/ha	Overwatch 1.25L/ha
SA (279)	38	1	0	0	0	0
YOP + MIN + LON (83)	49	2	0	0	0	0
LON (10)	56	0	0	0	0	0
MIN (23)	40	0	0	0	0	0
YOP (50)	50	3	0	0	0	0
	Axial 300ml/ha	Clethodim 500ml/ha	Hussar 100ml/ha	Intervix 750ml/ha	Paraquat 1.2L/ha	Glyphosate 1.5L/ha
YOP + MIN + LON (83)	81	19 (16)	95	77	0	8 (22)
LON (10)	90	30 (10)	100	90	0	30 (30)
MIN (23)	91	30 (13)	95	74	0	13 (22)
YOP (50)	74	11 (20)	93	76	0	0 (20)

(x) = developing resistance

Plant Science Consulting: Ryegrass resistance in the LN and YP 2022 growing season



# tested	Herbicides	Resistant (>=20% surv)	Developing Resistant (1-19% survival)	Susceptible
24	Clethodim 0.5L	33	29	38
36	Clethodim + Factor	22	31	47
51	Glyphosate 1.5L	18	31	51
87	Trifluralin 1.5L	86	9	5
87	Trifluralin 3L	70	16	14
87	Trifluralin + Avadex	14	20	67
64	Avadex 1.6L	20	23	56
87	Prosulfocarb	9	13	78
87	Boxer Gold	3	14	83
87	Sakura	3	13	84
87	OW/Ultro/Lux/Mateno/Edge	0	0	100