

Table S1. Herbicide safening effect of compound (**l**, **n**, **r** and **u**) on the rice seedlings treated with metolachlor in plant heights ¹.

Compound	Concentration (mg L ⁻¹)	plant height relative value (% of Non-Treated Control)
F + M	0.25	54.76 ± 0.91
	0.5	63.44 ± 1.29
	1	69.86 ± 0.79
	2	74.20 ± 0.88
	4	84.39 ± 0.58
l + M	0.25	66.39 ± 1.43
	0.5	68.42 ± 1.00
	1	76.02 ± 0.62
	2	89.97 ± 0.35
	4	94.51 ± 0.33
n + M	0.25	52.88 ± 0.56
	0.5	55.64 ± 0.66
	1	65.57 ± 0.60
	2	88.69 ± 0.82
	4	95.23 ± 1.01
r + M	0.25	54.74 ± 1.16
	0.5	68.26 ± 0.94
	1	75.04 ± 0.51
	2	92.44 ± 0.20
	4	98.69 ± 0.47
u + M	0.25	59.05 ± 1.29
	0.5	69.85 ± 0.25
	1	72.64 ± 0.27
	2	77.80 ± 0.63
	4	91.84 ± 0.48

¹ **M**: 0.073 mg L⁻¹ metolachlor; **F + M**: combined treatment fenclorim and metolachlor, (**l**, **n**, **r** or **u**) + **M**: combined treatment of compounds (**l**, **n**, **r** or **u**) and metolachlor. All experiments were performed in triplicate.

Table S2. Herbicide safening effect of compound (**l**, **n**, **r** and **u**) on the rice seedlings treated with metolachlor in root lengths ¹.

Compound	Concentration (mg L ⁻¹)	Root Lengths Relative Value (% of Non-Treated Control)
F + M	0.25	65.89 ± 0.90
	0.5	73.02 ± 0.83
	1	82.63 ± 0.47
	2	86.81 ± 1.02
	4	91.10 ± 1.11
l + M	0.25	71.57 ± 0.90
	0.5	84.08 ± 0.88
	1	94.38 ± 0.35
	2	86.79 ± 1.69
	4	83.48 ± 0.59
n + M	0.25	82.20 ± 0.35
	0.5	85.82 ± 1.16
	1	87.61 ± 0.76
	2	89.04 ± 1.12
	4	93.07 ± 0.54
r + M	0.25	61.21 ± 0.96
	0.5	72.22 ± 1.11
	1	87.24 ± 0.78
	2	92.12 ± 0.46
	4	97.55 ± 0.68
u + M	0.25	81.17 ± 0.55
	0.5	88.38 ± 0.65
	1	91.60 ± 0.95
	2	93.92 ± 0.69
	4	94.51 ± 1.28

¹ **M**: 0.073 mg L⁻¹ metolachlor; **F + M**: combined treatment fenclorim and metolachlor, (**l**, **n**, **r** or **u**) + **M**: combined treatment of compounds (**l**, **n**, **r** or **u**) and metolachlor. All experiments were performed in triplicate.

Table S3. Herbicide safening effect of compound (**l**, **n**, **r** and **u**) on the rice seedlings treated with metolachlor in fresh weight ¹.

Compound.	Concentration (mg L ⁻¹)	Fresh Weight Relative Value (% of Non-Treated Control)
F + M	0.25	84.61 ± 0.74
	0.5	84.14 ± 0.87
	1	90.13 ± 0.46
	2	93.01 ± 0.05
	4	96.55 ± 1.08
l + M	0.25	89.17 ± 1.26
	0.5	92.62 ± 1.02
	1	93.37 ± 0.53
	2	94.28 ± 0.92
	4	96.73 ± 0.76
n + M	0.25	82.89 ± 0.92
	0.5	85.04 ± 0.65
	1	86.92 ± 1.24
	2	97.43 ± 0.46
	4	97.85 ± 0.70
r + M	0.25	76.91 ± 0.60
	0.5	87.85 ± 0.50
	1	92.57 ± 0.69
	2	97.44 ± 0.46
	4	98.72 ± 0.23
u + M	0.25	86.05 ± 0.55
	0.5	87.59 ± 1.89
	1	95.30 ± 1.15
	2	92.03 ± 1.09
	4	95.78 ± 0.88

¹ **M**: 0.073 mg L⁻¹ metolachlor; **F + M**: combined treatment fenclorim and metolachlor, (**l**, **n**, **r** or **u**) + **M**: combined treatment of compounds (**l**, **n**, **r** or **u**) and metolachlor. All experiments were performed in triplicate.