

Table S1 Allelopathic effects of the plant extracts of *D. triradiata* samples at different concentrations on *Triticum aestivum* L.

(a) Inhibitory effect compared to control (%)																
Plant extract concentration (mg/ml)		0.2			0.4			0.6			0.8			1		
		Pet.Et	Et.Ac	Met	P.Et	Et.Ac	Met	P.Et	Et.Ac	Met	P.Et	Et.Ac	Met	P.Et	Et.Ac	Met
Aerial parts extracts	Seed germination	-1 ^g	-17.26 ⁿ	-15.14 ^m	9.11 ^b	-2.86 ⁱ	-8.23 ^k	0.49 ^f	6.08 ^{c,d}	11.38 ^a	3.84 ^e	5.56 ^d	-3.76 ^j	-10.55 ^l	6.65 ^c	-2.08 ^h
	Radicle length	1.19 ^d	-2.52 ^g	-8.64 ^h	22.48 ^a	7.57 ^c	7.97 ^c	-51.46 ^l	22.73 ^a	16.22 ^b	-0.53 ^f	5.71 ^d	-16.22 ⁱ	-73.40 ^m	-25.13 ^k	-20.74 ^j
	Hypocotyl length	17.94 ^k	42.09 ^d	34.40 ^g	21.58 ^j	40.81 ^e	47.86 ^a	3.63 ^l	38.88	44.23 ^c	31.19 ^h	39.74 ^{e,f}	30.34 ^h	-38.24 ^m	23.29 ⁱ	45.72 ^b
	Seedling dry weight	42.14 ^a	4.95 ^h	-25.61 ^l	7.43 ^f	0 ^j	5.78 ^{g,h}	1.65 ⁱ	9.91 ^e	6.61 ^{f,g}	11.57 ^d	33.05 ^b	7.43 ^f	-16.52 ^k	23.14 ^c	0 ^j
(b) Inhibitory effect compared to control (%)																
Plant extract concentration (mg/ml)		0.2			0.4			0.6			0.8			1		
		Pet.Et	Et.Ac	Met	P.Et	Et.Ac	Met	P.Et	Et.Ac	Met	P.Et	Et.Ac	Met	P.Et	Et.Ac	Met
Roots extracts	Seed germination	10.54 ^c	4.38 ^e	5.56 ^d	-3.26 ⁱ	1.36 ^g	10.54 ^c	-1.80 ^h	12.32 ^a	11.04 ^c	3.21 ^f	-7.18 ^j	3.61 ^{e,f}	12.02 ^{a,b}	-3.26 ⁱ	11.38 ^{b,c}
	Radicle length	-1.72 ^h	12.5 ^e	16.88 ^d	-3.45 ⁱ	-8.37 ^j	9.44 ^f	1.72 ^g	22.2 ^c	34.97 ^a	-2.26 ^h	-9.57 ^k	24.06 ^b	15.95 ^d	-4.25 ⁱ	23.67 ^b
	Hypocotyl length	9.61 ^l	33.97 ^f	43.58 ^c	36.75 ^e	22.22 ^j	30.34 ^g	39.31 ^d	26.28 ^h	43.58 ^c	25.21 ^{h,i}	19.44 ^k	46.79 ^b	24.78 ⁱ	20.72 ^k	57.59 ^a
	Seedling dry weight	28.92 ^e	20.66 ^g	33.05 ^d	14.87 ^j	52.06 ^b	16.52 ⁱ	8.26 ^m	18.18 ^h	44.62 ^c	1.65 ⁿ	11.57 ^l	21.48 ^g	66.11 ^a	24.79 ^f	13.22 ^k

seedlings.a) Aerial parts Extracts; b) Roots extracts; Pet Et: Petroleum Ether, Et Ac: Ethyl Acetate and Met: Methanol. Inhibitory effect (%) is calculated as follows: $\text{PytPot } D. \text{ triradiata } (\%) = [(PEE - Ce) / CE] \times 100$; Where PEE: the effect of plant extract and CE : the null effect of the negative control. Values in line not sharing common letters are significantly different ($p < 0.05$).