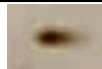
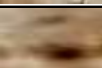
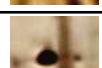
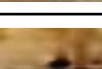


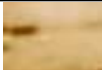
Supplementary Table 1: List of spots proteins and their putative function and form of each spot from the 2-DE gel.

Spot No.	Protein name (organism)	Control	10% treatment
1	Plastid glutamine synthetase 2 [T. Aestivum]		
2	Glutamine synthetase leaf isozyme, Chloroplastic		
3	ATP synthase beta chain, putative [Oryza sativa Japonica Group]		
4	ATP synthase beta subunit [Calotheca brizoides]		
5	Ribulose biphosphate carboxylase large chain Agrostis stolonifera		
6	Predicted: 20 kDa chaperonin, chloroplastic-like (B. distachyon)		
7	Putative chaperonnin 21 precursor [Oryza sativa Japonica]		
8	Cytosolic heat shock protein 90 [H. vulgare]		
9	Predicted protein (Hordeum vulgare)		
10	Predicted protein (Hordeum vulgare)		
11	LMW- glutenin subunit group 3 type II		
12	Glutenin, high molecular weight subunit PC237		
13	LMW- glutenin	--	
14	2-cys peroxiredoxin BAS1 (Triticum aestivum)		
15	2-cys peroxiredoxin BAS1 (Triticum aestivum)		
16	2-cys peroxiredoxin BAS1 (Triticum aestivum)		
17	2-cys peroxiredoxin BAS1 (Triticum aestivum)	--	
18	2-cys peroxiredoxin BAS1 (Triticum aestivum)		
19	2-cys peroxiredoxin BAS1 (Triticum aestivum)		
20	2-cys peroxiredoxin BAS1 (Triticum aestivum)		
21	ATP synthase beta subunit [Calotheca brizoides]		

Cont. Supplementary Table 1: List of spots proteins and their putative function and form of each spot from the 2-DE gel.

Spot No.	Protein name (organism)	Control	10% treatment
22	Ribulose biphosphate carboxylase large chain <i>Agrostis stolonifera</i>		
23	Chlorophyll a-b binding protein 1, chloroplastic		
24	Thioredoxin peroxidase (<i>Hordeum vulgare</i>)	--	
25	Elongation factor Tu, chloroplastic (<i>Arabidopsis thaliana</i>)		--
26	Cysteine-rich receptor-like protein kinase 10 (<i>Ricinus communis</i>)		--
27	Isocitrate dehydrogenase (<i>Hordeum vulgare</i>)		--
28	Glycine rich protein, RNA binding protein (<i>Hordeum vulgare</i>)		
29	UDP-glucose 6-dehydrogenase (<i>Zea mays</i>)		
30	Protein RAFTIN 1B (<i>Triticum aestivum</i>)		
31	Oxygen-evolving enhancer protein 3-1, chloroplastic		
32	Beta-amylase		
33	Chlorophyll a-b binding protein 1, chloroplastic		
34	Ribulose-bisphosphate carboxylase small chain	--	
35	Ribulose-bisphosphate carboxylase small chain		
36	Ribulose-bisphosphate carboxylase small chain		
37	Predicted protein (<i>Hordeum vulgare</i>)		
38	70 kDa heat shock protein (<i>Hordeum vulgare</i>)		
39	Glycine rich protein, RNA binding protein (<i>Hordeum vulgare</i>)		
40	Glycine rich protein, RNA binding protein (<i>Hordeum vulgare</i>)		
41	Enolase (<i>Hordeum vulgare</i>)		
42	Putative hydrolase (<i>Arabidopsis thaliana</i>)		--

Cont. Supplementary Table 1: List of spots proteins and their putative function and form of each spot from the 2-DE gel.

Spot No.	Protein name (organism)	Control	10% treatment
43	Proteasome subunit alpha type-5-A (<i>Arabidopsis thaliana</i>)		
44	20S proteasome subunit PAE1 (<i>Arabidopsis thaliana</i>)	--	
45	Protein-serine/threonine kinase (<i>Glycine max</i>)		
46	L-ascorbate peroxidase (<i>Hordeum vulgare</i>)		--
47	Glycosyltransferase 75 (<i>Triticum aestivum</i>)		
48	Reversibly glycosylated polypeptide (<i>Triticum aestivum</i>)		
49	Leucine-rich repeat family protein LRR (<i>Arabidopsis thaliana</i>)	--	
50	Alcohol dehydrogenase I (<i>Oryza eichingeri</i>)		--
51	Fructose-bisphosphate aldolase (<i>Hordeum vulgare</i>)		
52	Heat shock protein 21, chloroplastic	--	
53	Heat shock protein 21, chloroplastic		
54	Heat shock protein 21, chloroplastic		
55	Heat shock protein 21, chloroplastic		
56	Proteasome subunit alpha type-5-A (<i>Arabidopsis thaliana</i>)	--	