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유채(*Brassica napus* L.)와 벼(*Oryza sativa* L.)의

발아과정 중에 나타나는 내염성 단백질

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Soluble protein banding pattern of *Brassica napus* L. and *Oryza sativa* L. was investigated on the basis of germination period and plants parts. Germination and growth rates were reduced to follow increasing concentration of NaCl. *Brassica napus* L. germinated to highest level at the concentration of 0.2% of NaCl. When it germinated during 7 days and 15 days. *Oryza sativa* L. germinated to until 1.0% both cultured 7 days and 15 days but growth rate of plants germinated during 15 days much better than that of 7 days. Water-soluble protein band pattern has two types - one continually appearance to increasing concentration of NaCl and the other is shortly appearance to specific proportion to the concentration of NaCl. Protein bands of leaf and stem of *Brassica napus* L. showed typically 24 kD protein at the concentration of 0.8% and 1.0% of NaCl. *Oryza sativa* L. generally synthesized salt resistant protein of 24 kD and 29 kD only the concentration of 0.8% and 1.0% of NaCl. But those proteins can not be found on the other concentration.

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