



International Research Network

Physiological and practical aspects of the yield and seed quality improvement by ecological methods

created
by Ministry of Scientific Research and Information Technology in Poland
on 18.03.2004
(Decision NR 580/E-177/SPB/MSN/P-06/DWM 23/2004-2006)

5th Workshop

Coordinator of Network:

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Skierniewice, Poland**

04 December 2006

**Warsaw Agricultural University
Nowoursynowska 159
02-776 Warsaw, Poland**

PROGRAMME

10.00 – 10.15 – **Grzesik M.** - Opening Talks

10.15 – 10.45 – **Kibinza S., Gendreau E., Leymarie J., Bouteau H., Bailly C., Corbineau**

F.: Seed water content: a key factor of seed physiology.

10.45 – 11.15 – **Van Duijn B.:** Seeds to save water.

11.15 – 11.45 – **Bogatek R., Oracz K., Gniazdowska A.** Allelopathic potential of sunflower in germinating mustard seeds.

11.45 – 12.15 – **Sadowski J., Śliwińska E.:** The effect of hydropriming and matriconditioning on germination and cell cycle activity in melon (*Cucumis melo* L.) seeds.

12.15 – 12.45 – **Lahuta L. B., Goszczyńska J., Górecki R. J.:** Modification of α -D-galactosides composition in seeds of several crop species by feeding of explants with cyclitols.

12.45 – 14.00 – **Lunch**

14.00 – 14.15 – **Brosowska-Arendt W., Weidner S.:** Proteomic analysis of cellular response to osmotic stress in germinating pea seeds (*Pisum sativum*, L).

14.15 – 14.30 – **Gniazdowska A., Dobrzyńska U., Bogatek R.** NO-mediated breaking of apple embryo dormancy.

14.30 – 14.45 – **Górnik K., Grzesik M.:** Temperature shock treatments as a method of ecological plant production.

14.45 – 15.00 – **Sumorok B., Grzesik M.:** Ecological methods in improvement of grass grains germination for lawns renovation.

15.00 – 15.15 – **Duda - Romanowska B., Grzesik M.:** Monitoring of water quality used in ecological seed production

15.15 – 15.30 – **Janas R., Grzesik M.:** Effective microorganisms application in biological production of herb seeds.

15.30 - 15.45 – **Badek B., Van Duijn B., Grzesik M.:** Storability of China aster (*Callistephus chinensis*) seeds after priming.

15.45 – 16.00 – **Grzesik. M.:** Contribution of the International Research Network in the ecological knowledge development.

16.00 – 17.00 – **Discussion**

17.00 – **Closure**