

ECPGR Working Group / Task Force / Thematic Network

Wheat working group

Progress report for the period June 2006 – June 2008

I. RESULTS			
a. Comparison of workplan (milestones) versus results obtained			
Workplan (milestones)	Which results have been obtained?	Which aims/goals have not been (fully) reached?	Completeness ratio (%)
Milestone 1 Inclusion in EWDB 6 descriptors agreed upon in 2001	The descriptor list was approved; parallel scoring in descr. 1,2,3 allowed	Data delivery is slow 18 812 records	12% <i>Triticum</i> records no <i>Aegilops</i> data
Milestone 2 Inclusion of 14 new descriptors	The descriptor list was approved	Almost no data; 544 evaluated records for descriptor 8 only	0.3% <i>Triticum</i> records
Milestone 3 Safety duplication	List of genebanks offering space in deep freezer	Progress very slow	
Milestone 4 Repatriation of accessions	Importance of repatriation recognized. 3 cases known		
Milestone 5 Inclusion of <i>Aegilops</i> in the EWDB	List of taxa enlarged; 7827 <i>Aegilops</i> records were added, major part (6809 recs.) downloaded from EURISCO		100%
b. Contribution to the four ECP/GR priorities for Phase VII			
1. Characterization/evaluation (including use of modern technologies) For most of the genebanks, characterization and evaluation of the accessions are carried out. Specific elements are drought resistance and quality parameters			
2. Task sharing Inventory made of possibilities of safety duplication amongst the WG members. Progress made for safety duplication. New possibilities with Svalbard			
3. <i>In situ</i> /on-farm conservation and development Low extent of <i>in situ</i> conservation of wheat. Countries with activities: Armenia and Israel. On farm. More interest and use of landraces and old varieties in low input and organic farming.			

<p>4. Documentation and information</p> <p>Current EWDB status: 164 352 passport records and 18 812 C&E data sets</p> <ul style="list-style-type: none"> - <i>Aegilops</i> list of taxa according to GRIN included - EWDB enlarged 2006-2008 by 11 828 records (of these <i>Aegilops</i> 7 827, <i>Triticum</i> 4 001 records); category of “historical” records established (not available, lost accessions), among the EWDB 908 accessions are documented as “not available” - EWDB enlarged 2006-2008 by 8 288 C&E data sets - EWDB Link to Catalogue of Wheat Pedigrees and Alleles established - EWDB continuously updated - EWDB information used for assessment of importance level of European wheat collections in Global Wheat Conservation Strategy of the Global Crop Diversity Trust
<p>c. Relevance (regional / international)</p>
<p>Did your work and/or outputs have inter-regional dimension? (if it did, give precisions)</p> <p>Participation in the development of the conservation strategies for wheat, triticale and rye of the Global Crop Diversity Trust</p>
<p>d. Lessons learnt (recommendations)</p>
<p>Which lessons learnt are also relevant for other Working Groups?</p> <p>Clear specification of AEGIS elements, prerequisites and outputs will stimulate task sharing activities.</p> <p>Explanation of role of WG in AEGIS activities and determination of complementarity among CCDBs and EURISCO would be appreciated</p>

<p>II. ANALYSIS</p>	
<p>a. Bottlenecks</p>	
<p>What were the experienced bottlenecks?</p>	<p>How do you plan to solve the bottlenecks?</p>
<p>1. Low activity of WWG members in data delivery into EWDB</p>	<p>1. The working group took the commitment to introduce the data for the 23 agreed descriptors before 2011</p>
<p>2. Task sharing</p>	<p>2. The implementation of AEGIS will stimulate task sharing</p>
<p>3. safety duplication</p>	<p>3. The situation is improved and will be even better with the Svalbard seed vault</p>
<p>b. Internal support needed (Secretariat, Steering Committee, other Working Groups, etc.)</p>	
<p>Support for meeting organization and publications</p> <p>Importance of Network and WG meetings</p> <p>Importance of public awareness for European PGRFA and information</p>	
<p>c. External resources needed (collaboration, external funding)</p>	
<p>External (financial) resources needed for implementation of molecular data and evaluation trials and sometimes for infrastructure and regeneration</p>	