

Appendix IV. Description of the regeneration standards used for forage species

According to the recommendation of the meeting (see p. 18) the information previously published in the reports of the Linz (2003) and Lindau (2005) meetings was updated.

For some items of the regeneration procedure, the preferred/acceptable values have been indicated as follows:

Item of regeneration procedure	Preferred	Acceptable
site		
greenhouse/cabins (yes/no)	Insect-pollinated crops: yes	
field/cages (yes/no)		
field/isolation with other crops (yes/no)	no	yes
insects as pollinator		
<i>natural</i> population / <i>commercial</i> product		
insect species (specify if known)		
crop used as isolation (specify; n.a. for cages)	rye	
isolation distance between plots (n.a. for cages)		
<i>length</i> (m)	Grasses: >30 m with an efficient barrier crop	Grasses: >60 m without an efficient barrier crop Insect-pollinated crops: >100 m
<i>width</i> (m)		>50 m
plants per accession (<i>number</i>)	100	30
distance between single plants		
scoring of traits:		
time of flowering (yes/no)		
others (specify)		
selection in accessions (yes / no) (elimination of other crop plants and weeds)	yes	
harvesting		
<i>once</i> / <i>several</i> (times)		
as <i>balanced</i> / <i>unbalanced</i> bulk or <i>separate seed</i> per each plant	>100 plants: unbalanced bulk <100 plants: harvest and store seeds of individual plants	bulk harvest
drying		
in <i>dry room</i> / <i>greenhouse</i> / using <i>drying equipment</i>	dry room	drying equipment
threshing and cleaning		
<i>manual</i> / <i>with machines</i>	manual	with machines
final drying		
<i>temperature, relative humidity</i> (specify)		
<i>final moisture content</i>	3-7%	
viability testing before storage (yes/no)	yes	
seed packaging and storage		
base collection	>100 plants: bulk <100 plants: per plant	bulk
active and duplicate collection	Bulk (if <100 plants: balanced)	bulk
information management	IT based	