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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS GENEVA

# WORKING GROUP ON BIOCHEMICAL AND MOLECULAR TECHNIQUES, AND DNA-PROFILING IN PARTICULAR

Thirteenth Session Brasilia, November 22 to 24, 2011

ADDENDUM

EVALUATION OF A GERMPLASM COLLECTION OF BRACHIARIA HUMIDICOLA USING MICROSATELLITES, MORPHOLOGICAL MARKERS, CYTOGENETICS AND GEOGRAPHICAL ORIGIN

Documents prepared by experts from Brazil

























SPECIES	N. of	accessions	Ploidy			
	in th	e collection	2x	4x	5x	6x
B. arrecta		5	-	5	-	-
B. brizantha	a	222	2	157	41	22
B. decumbe	ens	51	23	23	5	-
B. dictyoneu	ıra	8	-	6	-	2
B. dura		2	-	-	2	-
B. eruciform	is	1	1	-	-	-
B. humidico	ola	60	-	22	18	19+1
B. jubata		30	4	12	13	+1
B. leucacran	nta	1	-	-	1	-
B. nigropeda	ata	21	-	19	-	2
B. mutica		3	-	3	-	-
B. platynota		2	2	-	-	-
B. ruziziens	sis	29	24	5*	-	-
B. subulifolia	Э	2	1	1	-	-
T(		437	54	254	77	47+2

SSR development for tropical forages:
<u>Grasses:</u>
Brachiaria brizantha – Jungmann et al. Conservation Genetics 2009 DOI 10.1007/s10592-009- 9839-7
<b>Brachiaria humidicola</b> – Jungmann et al. Conservation Genetics Resources 2009 DOI 10.1007/s12686-009-9111-y
Paspalum notatum – Cidade et al. Conservation Genetics 2009 DOI 10.1007/s10592-009-9872-6
Panicum maximum – Sousa et al. Plant Breeding 2010 DOI10.1111/j.1439-0523.2010.01779.x
Legumes:
10.1007/s12686-009-9080-1
Calopogonium mucunoides - Sousa et al. Molecular Ecology Resources 2010 (accepted)
Stylosanthes guianensis – Santos et al. Conservation Genetics Resources 2009 DOI 10.1007/s12686-009-9010-2
Stylosanthes macrocephala – Santos et al. Conservation Genetics 2009 DOI 10.1007/s12686- 009-9112-x
Stylosanthes capitata – Santos et al. Molecular Ecology Resources 2009 DOI 10.1111/j.1755- 0998 2008 02308 x

























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