



# Sweet Sorghum an alternative energy Crop

Grant Agreement n° 227422

## WP2

### Deliverable 2.1:

*10 kg of seed of each cultivar/germplasm  
used in WP2 available for field trials and  
other research activities*

#### Composition of the consortium

**CIRAD**  
ICRISAT  
EMBRAPA  
KWS  
IFEU  
UniBO  
UCSC  
ARC-GCI  
UANL  
WIP



List of germplasm available for each WP2 member is reported in table 1. At the end of the first reporting period, only ICRISAT provided some seeds (see table 2) to UANL. ARC did not exchange some seeds for 2 reasons: first their MTA was too restrictive and non compatible with ICRISAT mandate and second, procedure for getting signature of MTA for importing seeds was very complicated due to highly centralized administration in ARC. After the mission of the Coordinator in January 2010, this could be improved and ARC will be able to experiment seeds from ICRISAT and UANL. During the second period, UANL will provide some varieties from its own breeding programme (list of the material is available at section 13 of the CA).

Table 1: list of germplasm available from ICRISAT

<b>S.No.</b>	<b>Genotype</b>	<b>Days to 50% flowering</b>	<b>Plant height (m)</b>	<b>Brix (%)</b>
1	ICSV 25290	90	3.0	17.2
2	ICSV 25291	83	3.1	17.3
3	ICSV 25292	77	2.1	12
4	ICSV 25293	88	3.3	18
5	ICSV 25294	79	2.0	13
6	ICSV 25295	77	2.1	9
7	ICSV 25296	91	2.8	17
8	ICSV 25297	85	2.5	16
9	ICSV 25298	79	2.1	13
10	ICSV 25299	78	2.1	12
11	ICSV 25300	77	1.8	13
12	ICSV 25301	84	2.9	16.5
13	ICSV 25302	83	3.3	17.9
14	ICSV 25303	75	2.4	14
15	ICSV 25304	89	2.8	16
16	ICSV 25305	86	2.8	17
17	ICSV 25306	81	3.2	16.3
18	ICSV 25307	77	2.8	16.5
19	ICSV 25308	85	3.0	16.7
20	ICSV 25309	77	2.3	12
21	ICSV 25310	77	3.1	17.1
22	ICSV 25311	81	3.1	16.3
23	ICSV 25312	79	2.8	17
24	ICSV 25313	84	3.4	16.3
25	ICSV 25314	84	2.6	14.7
26	ICSV 25315	87	3.0	16.5
27	ICSV 25316	84	3.0	15.5
28	ICSV 25317	76	2.2	12
29	ICSV 25318	85	2.6	17
31	ICSR 165	87	2.6	17.4
32	ICSV 25274*	75	2.1	14
33	ICSV 93046*	82	2.6	17
34	ICSV 25273*	76	2.4	15
35	ICSV 700	79	2.4	15

Table 2: list of accessions already exchanged between ICRISAT and UANL

<b>S. No.</b>	<b>Name</b>	<b>Pedigree</b>
1	ICSV 25275 (SP 4495)	(IS 19587 × B 24)-2-1-1-1
2	ICSV 25279 (SP 4511-2)	(ICSV 93046 × SSV 84)-7-2-1-2
3	ICSSH 20	ICSA 52 × SPV 1411
4	ICSSH 31	ICSA 38 × ICSV 700
5	ICSSH 50	ICSA 84 × E 36-1
7	ICSB 38	[(BTx 623 × MR 862)B lines bulk]-5-1-3-5
6	ICSB 52	Ind. Syn. 422-1
8	ICSB 84	(Ind. Syn. 89-1 × US/R-20-682)-5-1-3
9	SPV 1411	Parbani moti
10	ICSV 93046	(((IS 1082 × SC 108-3)-1-1-1-1-1) × (((IS 5622 × CS 3541)-20-1-1-1-1-1-1 × (UChV2 × Bulk Y-55)-1-5-1)-5-2-5-1-1))-9-1-3-1-1-1
11	E 36-1	E 36-1
12	ICSV 700	(IS 1082 × SC 108-3)-1-1-1-1-1