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WEST AND CENTRAL AFRICA COLLABORATIVE MAIZE RESEARCH NETWORK

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MAIZE NETWORK

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COMPILATION OF DATA FROM
1990
REGIONAL UNIFORM VARIETY TRIALS

3276

OUAGADOUGOU, BURKINA FASO FEBRUARY 1991

SEMI-ARID FOOD GRAIN RESEARCH AND DEVELOPMENT
INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE
SAFGRAD-ITTA - 01 B.P. 1783 OR 1495
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P R E F A C E

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The primary purpose of this document is to make available to collaborators of the West and Central Africa Maize Research Network (WECAMAN) the results of Regional Uniform Variety Trials within the shortest time possible. It is hoped that this will promote information exchange and enhance the effectiveness of collaboration.

While acknowledging the cooperation of all those who have participated in the trials, I solicit for prompt return of data so that more information can be at the disposal of Network practioners. The efforts of the data processing staff of IITA Maize Program are gratefully acknowledged.

Please address any requests for further information on the trials, including those for supply of limited quantity of seeds of any of the varieties tested, to the Coordinator.

Ouagadougou, Burkina Faso
February 28, 1991

Dr. J.M. FAJEMISIN
Maize Network Coordinator

1. DESCRIPTION OF TRIALS

Two types of Regional Uniform Variety Trials (RUVT) were offered in 1990 to collaborators in the sub-region of West and Central Africa covered by SAFGRAD Maize Network in 1990.

RUVT-Early (formerly RUVT-1) :
Drought resistant, early maturing varieties

RUVT Extra-Early (formerly RUVT-3)
Extra-early maturing varieties.

The composition of each trial is given in Tables (i) and (ii). In order to avoid duplication of efforts in the germplasm offered to NARS, some harmonization was worked out with the IITA Maize Program. With effect from 1990, SAFGRAD would coordinate the provision of early and extra-early maturing variety trials and IITA will coordinate the late/intermediate maturing variety trial (formerly RUVT-2).

2. DISPATCH OF TRIALS

A total of 65 sets were sent to 17 countries. Further details are shown in Table (iii).

3. DATA PRESENTATION

The analyzed data are summarized per trial per location in Tables 1.1-1.27 and 2.1-2.20 for RUVT-Early, and RUVT Extra-Early, respectively.

The characters reported in the tables are listed below. The abbreviations of the data output as used on the data sheet are shown in parentheses.

(1)	Grain Yield (YIELD)	In kilograms per hectare or tons per hectare corrected to 15 % moisture. A shelling percentage of 80 % is assumed when yield is reported as ear weight.
(2)	Days to Flower (DY. FL.)	The number of days to when 50 % of plants have silks. Data rounded to whole numbers.
(3)	Plant Height (PL. HT.)	Average height of plants in centimeters (cm) from the base of the plant to where tassel branching begins. Data presented in whole numbers.
(4)	Ear Height (E. HY.)	Average height in centimeters (cm) from the base of the plant to the node bearing the upper ear. Data reported in whole numbers.
(5)	Stalk Lodging (SL.)	The number or percentage of plants that are stalk-lodged or scored on a scale of 1 to 5 where 1 = not lodged and 5 = heavily lodged.
(6)	Root Lodging (RL.)	The number or percentage of plants that are root-lodged or scored on a scale of 1 to 5 where 1 = not lodged and 5 = heavily lodged.
(7)	Ear Rot (E. ROT)	The number or percentage of ears affected by ear rots or scored on a scale of 1 to 5 where 1 = clean and 5 = completely rotten ears.
(8)	Plant Aspect (P. ASP)	Scored on a scale of 1 to 5 based on plant type (plant and ear heights), plant stand, etc. A score of 1 = excellent and 5 = very poor.
(9)	Ear Aspect (E.ASP)	Scored on a scale of 1 to 5 based on cleanliness from disease and insect damage, ear size, uniformity, grain filling etc. A score of 1 = excellent and 5 = very poor.
(10)	Husk Cover (HUSK)	Scored on a scale of 1 to 5 ; 1 = very tight tip, 5 = open tip cover.
(11)	Plants Harvested (P. HARV.)	Total number of plants harvested per plot.
(12)	Ears Harvested (E. HARV.)	Total number of ears harvested per plot.
(13)	Diseases and Pests	Scored on a scale of 1 to 5 ; 1 = very clean and 5 = very heavily infected/infested.

Table (i) : Description of entries in RUVT-Early, 1990

ENTRY N°	ENTRY Name	PROPOSED BY	PARENTAGE	GRAIN TYPE
1	Across 86 Pool 16 DR	SAFGRAD	Pool 16 (Tropical Early White-dent)	White-dent
2	Across 88 Pool 16 DR	"	" " " " "	White-dent
3	Farako-Bâ 88 Pool 16 DR HD	"	" " " " "	White-dent
4	Kamboinse 88 Pool 16 DR	"	" " " " "	White-dent
5	DR Comp. Early	IITA-SAFGRAD	Comp. of local and improved varieties	Mixed
6	TZE Comp. 3 x 4 F3	IITA-IBADAN	Comp. of TZESR-W, DMR-ESR-W, EV 30-SR and Pool 16 SR	White-semi-dent
7	DMR-ESRW	IITA-IBADAN	DMR-ESRW	White semi-dent
8	DMR-ESRY	IITA-IBADAN	DMR-ESRY	Yellow-semi-dent
9	TZESRW-SE	IITA-IBADAN	TZESR-W	White floury
10	EV 8730-SR BC6	IITA-IBADAN	Pop 30 (Blanco Cristallino-2)	White flint
11	EV 8731-SR BC6	IITA-SAFGRAD	Pop 31 (Amarillo Cristallino-2)	Yellow flint
12	Across 87 Pool 16-SR	IITA-IBADAN	Pool 16 (Tropical Early White Dent)	White dent
13	SAFITA-2 (RE)	SAFGRAD	Pool 16 (Tropical Early White Dent)	White-dent
14	Local check	Collaborator	various	Various

Table (ii) : Description of entries in RUVT Extra-Early, 1990

ENTRY N°	Name	PROPOSED BY	PARENTAGE	GRAIN-TYPE
1	Across 8131 x JFS x L. Raytiri F5	IITA-SAFGRAD " "	Amarillo Cristalino-2 x Local Vars. (Burkina)	Yellow-flint
2	CSP Early	" "	Compuesto Select.Precoz	Yellow-flint
3	CSP x Local Raytiri F5	" "	Compuesto Selection Precoz x Local Variety (Burkina)	Yellow-flint
4	Pool 27 x Gua 314 BC1 F5	" "	Temp. Early White Flint x Colombian var.	White-flint
5	Pop 30 x Gua 314 BC1 F5	IITA-SAFGRAD	Blanco Cristalino-2 x Colombian var.	Yellow-flint
6	TZESR-W x Gua 314 BC1 F5	" "	TZESR-W x Colombian var.	
7	TZEE-W-1-F4	" "	Local & introduced vars.	White-dent
8	TZEE-W-1 F4	" "	Local & introduced vars.	White-dent
9	TZEE-White Pool	" "	-	-
10	TZEE-Y	" "	Local & introduced vars.	Yellow-flint
11	TZEE-Yellow Pool	" "	-	-
12	TZEF-Y F5	" "	Local & introduced vars.	Yellow-flint
13	Local check	Collaborator	Various	Various

Table (iii). Number of sets of Regional Uniform Variety Trials (RUVT) requested per country, 1990.

COUNTRY	NUMBER OF TRIALS REQUESTED		
	RUVT-EARLY	RUVT EXTRA-EARLY	TOTAL
Benin	4	2	6
Burkina Faso	3	3	6
Cameroon	3	3	6
Cape Verde	-	1	1
Central African Republic	2	1	3
Côte D'Ivoire	2	1	3
Gambia	2	4	6
Ghana	2	1	3
Guinea Bissau	2	-	2
Guinea Conakry	2	2	4
Mali	2	3	5
Mauritania	1	1	2
Niger	1	1	2
Nigeria	3	2	5
Senegal	3*	2*	5
Tchad	2	2	4
Togo	2	2	4
T O T A L	36	29	65

*Trial packets not received

4. DATA RECOVERY AND PRECISION LEVEL

Of the 65 trial sets sent, 60 were received by the collaborators in 16 countries. As at February 28, 1991, data had been received from 47 sets from 12 countries.

Generally, there was good plant establishment in practically all the locations. But the onset of rains was very late and unreliable in many countries notably Burkina Faso, Gambia, Ghana and Mali. Also, there were incidences of drought stress in these and many other countries including Benin, Côte d'Ivoire, and Tchad.

There was an improvement in the management of trials as reflected by the CV values (coefficient of variation). About 80% of the trials had CV not greater than 30% and 57% of the trials recorded CV of 20% or less ; the comparative figures for 1989 trials were 78 and 45%, respectively. The high CV values of some trials could clearly be attributed to drought effects and termite infestation.

The extra-early maturing varieties flowered 6-9 days earlier than the varieties in RUVT Early. On the average, grain yields were 3.5 and 4.2 t/ha for the extra-early and early maturing varieties, respectively.

The level of participation of collaborating scientists of the different countries in the management of the trials is presented analytically in Table iv using information obtained from the last three years --1988, 1989 and 1990. The purpose is to draw attention to areas that need improvement in order to derive maximum benefits from our collaborative efforts.

Table iv. Assessment of responses of collaborators in Maize Regional Uniform Variety Trials (based on information on 1988, 1989 and 1990 trials)

Country	Data dispatch**	Trial establishment	Data reliability	No of data taken	Data presentation	Name local variety	CV	Prop. of trials planted	Met Info.
Benin	+++	+++	+++	+++	+++	++	+++	+++	++
Burkina Faso	+++	+++	+++	+++	+++	+++	++	+++	++
Cameroon	++	+++	+++	++	++	++	+++	+++	++
Cape Verde	--	--	--	--	--	--	--	--	--
Cent. Afr. Rep.	++	+	+	+	+	+	+	+	+
Cote d'Ivoire	+	+++	+++	+++	+++	+++	+++	+	+
Gambia	--	--	--	--	--	--	--		
Ghana	++	+++	+++	+++	+++	++	++	+++	+++
Guinea	++	++	++	++	++	++	++	+	++
Guinea Bissau	--	--	--	--	--	--	--	--	--
Mali	+++	+++	+++	+++	+++	+++	+++	+++	++
Mauritania	+++	++	++	++	++	++	+	++	+
Niger	++	++	+++	+++	+++	++	++	++	+
Nigeria	+++	++	+++	++	++	++	++	++	++
Senegal	++	+++	+++	++	++	+	++	++	+
Tchad	+++	++	++	+++	++	++	++	++	+
Togo	+++	+++	+++	+++	+++	++	+++	+++	++

* Degree of acceptability : +++ = Excellent ; ++ = Good ; + = Fair : -- = No response.

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : DOSSUO ROMUALD

LOCATION : ANGARADEBOU-BENIN

No OF REPS = 4 No OF ENTRIES = 14

Table 1-1

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
2	ACR. 88 PL16-DR	2417.55	53.50	32.75	159.50	70.50	0.50	2.50	30.75	33.50	0.50
5	DR COMP EARLY	2305.74	52.75	31.00	147.50	61.00	0.50	2.00	32.50	29.25	1.25
13	SAFITA-2 RE	2211.12	54.75	29.25	150.50	68.00	0.25	2.50	34.25	30.50	0.50
7	DMR-ESRW	2209.00	55.25	28.75	169.50	78.00	0.00	1.00	30.50	31.75	0.50
3	FAR. 88 PL16-DR	2206.48	54.75	29.50	156.00	65.75	0.25	1.75	28.25	27.75	0.00
6	TZE COMP. 3x4 F3	2206.14	54.50	29.00	155.75	63.00	0.25	0.25	29.25	31.75	0.25
12	ACR. 87 PL16-SR	2064.20	54.00	26.00	143.75	58.00	0.00	1.50	28.00	27.50	0.25
11	EV 8731-SR BC6	2063.66	54.75	26.50	155.50	76.50	0.00	1.25	26.00	28.25	0.25
10	EV 8730-SR BC6	1981.97	55.50	27.25	159.25	64.75	0.00	1.75	26.50	27.25	0.00
8	DMR-ESRY	1902.96	57.75	31.75	152.25	68.75	0.50	2.25	29.75	31.00	0.00
9	TZESRW-SE	1737.01	56.50	27.75	146.75	72.25	0.75	1.50	27.00	26.25	0.25
1	ACR. 86 PL16-DR	1617.43	56.50	28.75	150.50	62.50	0.25	1.75	28.50	29.25	0.25
4	KAMB. 88 PL16-DR	1359.29	57.50	26.75	141.25	66.75	0.00	0.75	27.25	27.00	0.00
14	Local Check	1358.49	54.00	23.00	133.25	52.50	1.25	1.50	23.50	22.75	0.75
	OVERALL MEAN	1974.364	55.143	28.429	151.518	66.304	0.321	1.589	28.714	28.839	0.339
	STANDARD ERROR	198.770	1.002	2.613	7.771	4.642	0.383	0.605	2.336	2.631	0.325
	LSD 5%	569.516	2.871	7.487	22.267	13.299	1.097	1.733	6.692	7.537	0.931
	LSD 1%	761.202	3.837	10.007	29.761	17.775	1.466	2.316	8.944	10.074	1.245
	PROB. OF F	0.0051	0.0326	0.5339	0.2397	0.0283	0.5781	0.3722	0.2051	0.3833	0.3522
	COEF. OF VARIATION	20.135	3.634	18.384	10.258	14.001	238.174	76.104	16.267	18.243	191.606

	ENTRY	MOIST	DISEA.C	DISEA.H	DISEA.S	%RL	%SL	%E.ROT
2	ACR. 88 PL16-DR	9.88	1.70	1.13	1.00	1.67	8.37	1.42
5	DR COMP EARLY	9.94	1.80	1.13	1.52	1.85	6.36	4.64
13	SAFITA-2 RE	9.87	1.52	1.27	1.27	0.69	7.26	1.78
7	DMR-ESRW	10.93	1.40	1.35	1.00	0.00	3.28	1.43
3	FAR. 88 PL16-DR	10.05	1.30	1.33	1.08	1.00	6.19	0.00
6	TZE COMP. 3x4 F3	10.05	1.33	1.35	1.13	0.78	0.78	0.83
12	ACR. 87 PL16-SR	10.54	1.30	1.38	1.10	0.00	5.67	1.14
11	EV 8731-SR BC6	10.64	1.48	1.13	1.05	0.00	4.10	0.74
10	EV 8730-SR BC6	10.91	1.50	1.27	1.05	0.00	6.59	0.00
8	DMR-ESRY	9.68	1.83	1.33	1.00	1.67	7.95	0.00
9	TZESRW-SE	9.26	1.38	1.40	1.00	2.95	5.93	0.78
1	ACR. 86 PL16-DR	10.06	1.48	1.33	1.45	0.83	5.86	0.83
4	KAMB. 88 PL16-DR	10.01	1.27	1.25	1.25	0.00	2.84	0.00
14	Local Check	10.19	1.13	1.23	1.08	7.97	7.37	2.88
	OVERALL MEAN	10.142	1.457	1.275	1.141	1.387	5.609	1.177
	STANDARD ERROR	0.235	0.144	0.119	0.112	2.153	2.185	1.270
	LSD 5%	0.673	0.412	0.342	0.322	6.168	6.261	3.637
	LSD 1%	0.899	0.551	0.458	0.431	8.243	8.369	4.862
	PROB. OF F	0.0004	0.0474	0.8228	0.0221	0.5161	0.5050	0.4459
	COEF. OF VARIATION	4.631	19.759	18.743	19.717	310.307	77.921	215.763

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : DOSSOU ROMUALD

LOCATION : BAGOU-BENIN

No OF REPS = 4 No OF ENTRIES = 14

Table 1-2

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
3	FAR. 88 PL16-DR	4968.71	51.25	36.25	194.25	108.00	1.75	1.50	36.25	38.00	1.50
11	EV 8731-SR BC6	4807.62	52.00	39.00	196.25	108.25	0.25	1.25	39.00	38.75	2.50
6	TZE COMP. 3x4 F3	4777.01	51.25	40.25	179.25	88.50	0.25	0.75	40.00	40.25	1.00
7	DMR-ESRW	4707.18	52.50	39.75	204.50	113.25	0.75	0.75	39.50	38.00	1.50
8	DMR-ESRY	4389.46	51.50	33.75	209.25	109.00	1.75	1.25	33.75	33.00	1.00
4	KAMB. 88 PL16-DR	4170.14	51.75	37.75	187.25	86.75	1.50	0.50	38.00	38.50	1.25
5	DR COMP EARLY	4039.75	48.75	40.00	186.50	95.50	2.00	0.75	39.50	43.00	2.50
12	ACR. 87 PL16-SR	4006.89	50.75	37.25	179.00	85.00	0.75	0.50	36.50	37.75	0.50
10	EV 8730-SR BC6	3993.73	52.75	37.75	201.75	104.75	0.75	1.25	37.00	38.00	0.75
13	SAFITA-2 RE	3906.86	52.25	36.00	181.00	92.75	0.50	1.00	35.50	34.25	2.25
14	CK-KB84 TZESRW	3905.02	49.00	36.50	179.50	82.75	1.00	0.00	36.25	35.50	1.75
9	TZESRW-SE	3807.35	52.25	37.75	191.00	100.50	0.50	0.25	37.50	36.50	1.75
1	ACR. 86 PL16-DR	3798.53	51.50	37.00	179.75	84.00	1.50	2.00	37.00	33.50	1.00
2	ACR. 88 PL16-DR	3350.03	52.25	35.00	193.25	95.25	0.50	0.25	35.00	34.50	1.25
OVERALL MEAN		4187.734	51.411	37.429	190.179	96.732	0.982	0.357	37.196	37.107	1.464
STANDARD ERROR		316.500	0.562	1.414	4.735	5.424	0.658	0.478	1.443	2.063	0.668
LSD 5%		906.336	1.610	4.050	19.299	15.541	1.884	1.371	4.134	5.911	1.915
LSD 1%		1212.056	2.152	5.413	25.794	20.772	2.519	1.832	5.526	7.900	2.560
PROB. OF F		0.0269	0.0001	0.0788	0.0241	0.0006	0.6246	0.2369	0.1154	0.0773	0.5802
COEF. OF VARIATION		15.116	2.186	7.553	7.083	11.215	133.933	111.644	7.758	11.119	91.307

	ENTRY	MOIST	DISEA.C	DISEA.H	DISEA.S	%RL	%SL	%E.ROT
3	FAR. 88 PL16-DR	10.68	1.40	1.05	1.40	4.99	3.93	3.60
11	EV 8731-SR BC6	10.84	1.85	1.05	1.02	0.61	3.28	6.22
6	TZE COMP. 3x4 F3	10.94	1.60	1.10	1.08	0.64	1.87	2.41
7	DMR-ESRW	11.23	1.83	1.08	1.00	1.93	1.83	4.09
8	DMR-ESRY	9.52	2.05	1.08	1.00	5.36	4.01	3.11
4	KAMB. 88 PL16-DR	10.34	1.80	1.08	1.30	4.12	1.25	3.14
5	DR COMP EARLY	10.34	2.15	1.05	1.80	5.05	1.92	5.90
12	ACR. 87 PL16-SR	10.55	2.20	1.13	1.13	2.11	1.32	1.28
10	EV 8730-SR BC6	10.76	2.22	1.05	1.10	2.03	3.17	2.05
13	SAFITA-2 RE	10.59	1.77	1.25	1.75	1.37	3.22	6.62
14	CK-KB84 TZESRW	9.95	1.58	1.05	1.30	2.67	0.00	4.98
9	TZESRW-SE	9.82	1.95	1.08	1.02	1.27	0.64	4.74
1	ACR. 86 PL16-DR	10.52	1.92	1.13	1.73	3.75	5.27	2.69
2	ACR. 88 PL16-DR	10.38	1.65	1.25	1.33	1.51	0.62	3.63
OVERALL MEAN		10.461	1.855	1.100	1.282	2.671	2.311	3.890
STANDARD ERROR		0.312	0.197	0.087	0.151	1.878	1.357	1.824
LSD 5%		0.894	0.563	0.249	0.434	5.382	3.889	5.227
LSD 1%		1.196	0.753	0.333	0.580	7.193	5.197	6.986
PROB. OF F		0.0345	0.1309	0.8210	0.0008	0.6676	0.2700	0.6699
COEF. OF VARIATION		5.969	21.191	15.827	23.621	140.626	117.450	93.788

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : DOSSOU ROMUALD

LOCATION : GLENE-BENIN

Table 1-3

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST
11	EV 8731-SR BC6	2474.00	50.75	50.75	163.00	75.75	0.25	2.50	49.75	43.75	25.08
1	ACR. 86 PL16-DR	2265.18	49.75	50.50	149.25	74.75	0.00	2.00	49.25	46.75	24.29
6	TZE COMP. 3x4 F3	2251.09	51.00	52.00	142.75	71.25	0.25	1.75	50.25	46.00	24.98
8	DMR-ESRY	2208.32	52.75	49.50	170.25	72.75	0.25	2.00	50.00	44.75	26.27
12	ACR. 87 PL16-SR	2202.67	50.25	50.25	141.00	66.25	0.00	3.25	50.00	47.00	23.75
13	SAFITA-2 RE	2142.86	51.50	51.25	146.50	74.50	0.50	2.75	49.25	46.00	25.34
2	ACR. 88 PL16-DR	2130.36	50.75	51.75	160.75	83.50	0.00	2.75	51.25	48.50	25.54
3	FAR. 88 PL16-DR	2103.60	50.50	50.50	160.00	78.25	0.00	1.25	49.50	43.00	25.21
5	DR COMP EARLY	2062.90	49.50	51.75	149.00	60.25	0.25	3.75	48.50	46.25	22.08
7	DMR-ESRW	1825.71	52.25	50.00	143.25	71.75	0.25	3.00	49.25	43.75	25.00
10	EV 8730-SR BC6	1768.81	52.50	52.00	160.00	81.75	1.00	1.00	50.75	47.75	25.26
4	KAMB. 88 PL16-DR	1727.09	52.00	49.75	146.00	64.00	1.00	2.00	48.75	43.00	26.36
14	CK-KB84 TZESR-W	1657.45	49.75	50.25	132.50	58.00	0.25	4.50	49.00	43.75	21.20
9	TZESRW-SE	1416.97	52.00	50.75	142.00	67.25	0.00	3.50	50.75	42.75	24.50
	OVERALL MEAN	2016.929	51.089	50.786	150.446	71.429	0.286	2.571	49.732	45.214	24.632
	STANDARD ERROR	170.199	0.535	0.781	6.359	5.420	0.297	0.910	1.032	1.984	1.434
	LSD 5%	487.655	1.532	2.238	18.220	15.529	0.852	2.608	2.958	5.685	4.110
	LSD 1%	651.788	2.048	2.991	24.352	20.756	1.138	3.485	3.954	7.598	5.493
	PROB. OF F	0.0046	0.0003	0.3512	0.0065	0.0540	0.2599	0.3390	0.8245	0.5323	0.4480
	COEF. OF VARIATION	16.877	2.094	3.075	8.453	15.176	208.090	70.786	4.152	8.777	11.647

	ENTRY	DISEA.H	DISEA.S	DISEA.C	%RL	%SL
11	EV 8731-SR BC6	1.27	1.00	1.02	0.48	4.98
1	ACR. 86 PL16-DR	1.33	1.02	1.30	0.00	4.08
6	TZE COMP. 3x4 F3	1.48	1.00	1.30	0.48	3.51
8	DMR-ESRY	1.23	1.00	1.05	0.52	3.93
12	ACR. 87 PL16-SR	1.13	1.00	1.20	0.00	6.42
13	SAFITA-2 RE	1.35	1.67	1.20	1.02	5.59
2	ACR. 88 PL16-DR	1.13	1.05	1.15	0.00	5.31
3	FAR. 88 PL16-DR	1.23	1.02	1.48	0.00	2.54
5	DR COMP EARLY	1.20	1.13	1.17	0.48	7.80
7	DMR-ESRW	1.17	1.00	1.30	0.50	6.05
10	EV 8730-SR BC6	1.17	1.02	1.45	2.00	1.94
4	KAMB. 88 PL16-DR	1.15	1.30	1.25	1.96	4.14
14	CK- KB84 TZESR-W	1.05	1.05	1.23	0.52	9.15
9	TZESRW-SE	1.05	1.08	1.15	0.00	6.98
	OVERALL MEAN	1.209	1.096	1.232	0.569	5.173
	STANDARD ERROR	0.101	0.135	0.116	0.593	1.786
	LSD 5%	0.291	0.386	0.332	1.700	5.119
	LSD 1%	0.389	0.517	0.444	2.272	6.841
	PROB. OF F	0.2324	0.0650	0.2948	0.2676	0.2744
	COEF. OF VARIATION	16.791	24.606	18.830	208.534	69.074

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : DOSSOU ROMUALD

Table 1-4

LOCATION : INA-BENIN

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
11	EV 8731-SR BC6	4060.78	51.75	47.50	182.75	90.00	4.00	2.75	47.50	43.50	1.00
2	ACR. 88 PL16-DR	3720.46	51.75	44.50	168.75	83.00	5.25	2.00	44.00	40.25	0.50
7	DMR-ESRW	3536.59	52.50	48.50	171.75	86.00	2.50	1.50	47.50	43.75	0.75
8	DMR-ESRY	3532.11	52.00	40.75	178.75	96.25	3.50	2.75	40.75	39.50	0.75
4	KAMB. 88 PL16-DR	3524.32	52.75	45.50	159.00	91.75	4.75	2.00	44.75	41.75	0.25
1	ACR. 86 PL16-DR	3377.43	51.75	43.50	159.75	73.75	4.00	2.75	42.50	41.00	0.00
12	ACR. 87 PL16-SR	3327.94	53.00	41.25	126.50	77.50	2.25	1.25	39.25	37.75	2.25
6	TZE COMP. 3x4 F3	3318.11	53.00	46.25	165.00	85.25	2.50	1.75	45.25	44.00	0.50
3	FAR. 88 PL16-DR	3279.08	52.00	46.50	149.25	70.75	3.50	1.50	46.25	43.00	0.50
10	EV 8730-SR BC6	3206.10	53.25	47.75	164.50	80.75	5.50	1.50	47.25	42.00	0.50
9	TZESRW-SE	3057.51	51.50	39.25	151.50	80.75	3.25	1.75	39.00	36.50	0.75
14	CK- KB84 TZESRW	3005.58	50.00	39.00	146.75	70.75	2.75	1.25	36.75	37.50	1.00
13	SAFITA-2 RE	2629.41	52.25	44.50	154.50	70.00	3.00	1.75	44.25	39.00	0.75
5	DR COMP EARLY	2567.51	51.00	44.50	148.00	72.50	4.00	3.25	43.50	38.75	2.25
	OVERALL MEAN	3295.058	52.036	44.232	159.054	80.643	3.625	1.982	43.464	40.589	0.839
	STANDARD ERROR	234.965	0.581	3.606	9.793	6.816	1.299	0.620	3.503	2.704	0.421
	LSD 5%	673.223	1.666	10.332	28.060	19.528	3.721	1.777	10.036	7.748	1.206
	LSD 1%	899.814	2.226	13.810	37.504	26.101	4.974	2.375	13.413	10.356	1.612
	PROB. OF F	0.0054	0.0259	0.7085	0.0269	0.1395	0.8226	0.4177	0.5143	0.6065	0.0166
	COEF. OF VARIATION	14.258	2.234	16.306	12.314	16.903	71.654	62.567	16.117	13.324	100.279

	ENTRY	MOIST	ROST	STREAK		1000GWT	%RL	%SL	%E.ROT
11	EV 8731-SR BC6	10.94	2.53	1.13	2.03	258.02	8.33	5.77	2.26
2	ACR. 88 PL16-DR	11.27	2.22	1.48	2.08	257.75	13.44	4.92	1.30
7	DMR-ESRW	11.41	2.33	1.17	2.05	237.30	5.29	3.12	1.67
8	DMR-ESRY	11.50	2.10	1.13	2.72	209.82	8.74	6.33	1.74
4	KAMB. 88 PL16-DR	11.54	2.38	1.80	2.20	245.05	10.98	4.55	0.52
1	ACR. 86 PL16-DR	10.89	2.25	1.85	1.92	257.42	9.73	6.32	0.00
12	ACR. 87 PL16-SR	11.59	2.08	1.60	2.08	270.30	5.81	3.18	6.25
6	TZE COMP. 3x4 F3	11.15	2.08	1.17	2.05	232.90	5.59	3.89	1.08
3	FAR. 88 PL16-DR	10.89	2.15	1.58	2.35	249.15	7.70	3.27	1.18
10	EV 8730-SR BC6	12.04	2.03	1.15	2.50	241.90	12.04	3.05	1.39
9	TZESRW-SE	11.27	2.33	1.33	1.52	199.27	9.17	4.38	2.23
14	CK- KB84 TZESRW	11.51	2.47	1.67	1.75	230.18	7.17	2.95	2.49
13	SAFITA-2 RE	11.38	2.08	2.60	1.90	233.60	6.60	3.88	1.74
5	DR COMP EARLY	10.88	3.55	1.85	1.83	215.63	10.30	7.89	6.06
	OVERALL MEAN	11.304	2.325	1.536	2.070	238.450	8.636	4.536	2.137
	STANDARD ERROR	0.265	0.148	0.146	0.291	15.925	3.222	1.318	1.069
	LSD 5%	0.760	0.425	0.419	0.834	45.627	9.231	3.776	3.062
	LSD 1%	1.015	0.568	0.561	1.115	60.985	12.337	5.046	4.092
	PROB. OF F	0.1269	0.0000	0.0000	0.3816	0.1249	0.8442	0.2306	0.0048
	COEF. OF VARIATION	4.690	12.761	19.064	28.144	13.357	74.606	58.105	100.022

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : SANOU JACOB

Table 1-5

LOCATION : FARAKO-BA (BURKINA FASO)

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST
14	Local Check	3037.52	65.25	43.75	170.00	79.75	5.58	6.10	41.00	43.00	24.80
8	DMR-ESRY	2422.43	64.25	43.00	151.75	65.25	1.85	0.73	41.50	41.75	22.60
7	DMR-ESRW	2406.78	64.00	43.00	146.75	64.00	4.13	0.60	42.25	51.00	23.10
11	EV 8731-SR BC6	2212.76	64.75	43.50	141.25	54.00	4.50	3.33	38.00	40.25	24.80
10	EV 8730-SR BC6	2045.22	66.50	43.00	148.75	57.50	1.25	0.00	41.50	39.25	24.30
3	FAR. 88 PL16-DR	1984.98	64.50	43.75	140.50	58.50	0.57	0.00	42.00	46.00	23.50
1	ACR. 86 PL16-DR	1895.77	64.25	43.00	135.25	54.00	0.57	0.60	41.75	46.25	25.40
2	ACR. 88 PL16-DR	1839.33	65.00	42.25	139.25	54.75	3.63	0.60	38.25	37.00	23.60
4	KAMB. 88 PL16-DR	1814.13	65.25	42.25	135.75	55.75	1.18	0.60	41.00	42.25	23.80
12	ACR. 87 PL16-SR	1642.08	63.75	42.75	131.25	49.00	2.03	0.00	39.25	42.50	21.30
5	DR COMP EARLY	1534.86	63.00	42.75	127.50	49.25	7.63	0.00	39.75	38.25	21.40
13	SAFITA-2 RE	1510.52	65.50	41.50	137.25	53.75	1.43	1.78	38.75	37.50	25.70
6	TZE COMP. 3x4 F3	1437.73	66.00	42.00	123.50	48.50	1.80	0.00	39.50	39.25	24.30
9	TZESRW-SE	1174.22	67.25	43.25	139.25	54.75	2.42	0.00	40.50	45.50	25.60
OVERALL MEAN		1925.395	64.946	42.839	140.571	57.054	2.754	1.023	40.357	42.125	23.871
STANDARD ERROR		344.867	1.249	0.980	7.009	3.987	1.387	0.947	1.631	3.245	0.000
LSD 5 %		988.115	3.577	2.807	20.081	11.424	3.973	2.713	4.674	9.298	0.000
PROB. OF F		0.0515	0.6355	0.9406	0.0087	0.0002	0.0267	0.0018	0.6866	0.1595	0.0000
COEF. OF VARIATION		35.819	3.845	4.574	9.972	13.977	100.711	185.050	8.085	15.408	0.000

	ENTRY	PP	HELM	STEAK.NO	OTHERS	%RL	%SL
14	Local Check	1.88	1.25	0.25	36.00	13.98	15.06
8	DMR-ESRY	1.25	1.38	0.25	33.75	4.69	2.13
7	DMR-ESRW	1.25	1.00	0.00	31.25	9.76	1.46
11	EV 8731-SR BC6	1.13	1.50	0.00	32.00	11.70	8.91
10	EV 8730-SR BC6	1.13	1.13	0.00	28.75	3.13	0.00
3	FAR. 88 PL16-DR	1.00	2.00	0.00	26.75	1.31	0.00
1	ACR. 86 PL16-DR	1.38	1.50	0.50	28.50	1.34	1.43
2	ACR. 88 PL16-DR	1.63	1.38	0.25	27.00	8.81	1.46
4	KAMB. 88 PL16-DR	1.50	2.00	0.00	27.75	2.77	1.43
12	ACR. 87 PL16-SR	1.00	1.50	0.25	27.25	5.61	0.00
5	DR COMP EARLY	1.75	1.88	0.50	26.00	19.60	0.00
13	SAFITA-2 RE	1.00	1.38	0.25	23.75	4.14	4.31
6	TZE COMP. 3x4 F3	1.38	1.50	0.00	24.75	4.28	0.00
9	TZESRW-SE	1.38	2.00	0.00	19.75	5.92	0.00
OVERALL MEAN		1.330	1.527	0.161	28.089	6.930	2.585
STANDARD ERROR		0.239	0.228	0.200	3.210	3.591	2.480
LSD 5 %		0.685	0.653	0.574	9.198	10.290	7.106
PROB. OF F		0.2160	0.0426	0.5953	0.0990	0.0321	0.0035
COEF. OF VARIATION		35.921	29.854	249.444	22.857	103.639	191.897

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : SAFGRAD

Table 1-6

LOCATION : KAMBOINSE - TIED RIDGES (BURKINA-FASO)

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
13	SAFITA-2 RE	3593.89	54.25	44.75	142.75	71.25	8.00	1.00	38.00	38.75	0.00
1	ACR. 86 PL16-DR	3505.07	53.25	47.50	134.25	62.00	7.75	0.00	42.00	42.75	0.00
3	FAR. 88 PL16-DR	3411.22	51.50	50.50	145.50	63.75	6.75	0.25	44.25	45.00	0.25
9	TZESRW-SE	3146.48	54.00	51.50	138.00	59.25	10.75	1.00	42.50	43.00	0.25
5	DR COMP EARLY	3085.35	50.00	51.00	136.25	66.75	3.75	1.75	41.25	41.75	1.50
12	ACR. 87 PL16-SR	3085.06	50.75	48.75	129.25	58.25	5.00	0.75	41.00	44.50	0.75
7	DMR-ESRW	3058.22	54.00	49.75	158.00	71.50	8.00	1.75	41.50	43.00	0.25
10	EV 8730-SR BC6	2943.12	53.50	49.75	154.25	70.25	6.00	0.75	39.00	41.25	0.25
6	TZE COMP. 3x4 F3	2632.09	52.75	51.50	140.00	67.00	5.50	0.00	38.75	40.00	0.50
2	ACR. 88 PL16-DR	2597.43	52.00	49.75	139.25	67.25	4.75	0.75	43.00	43.75	0.00
4	KAMB. 88 PL16-DR	2587.79	54.50	51.00	135.75	63.00	7.00	1.00	40.50	41.25	0.00
11	EV 8731-SR BC6	2571.41	53.75	48.00	140.25	67.25	4.25	2.75	37.75	38.50	0.25
8	DMR-ESRY	2374.25	56.25	48.00	135.50	64.00	3.25	3.50	38.00	39.00	0.00
14	Local Check	2233.39	49.00	51.75	129.00	58.00	5.75	0.75	35.25	39.75	1.25
	OVERALL MEAN	2916.056	52.821	49.536	139.857	64.964	6.179	1.143	40.196	41.589	0.375
	STANDARD ERROR	373.344	1.424	1.656	6.314	4.875	2.000	0.827	2.617	2.395	0.325
	LSD 5%	1069.707	4.080	4.745	18.091	13.969	5.729	2.368	7.498	6.863	0.931
	PROB. OF F	0.2557	0.0605	0.1975	0.0953	0.5876	0.4479	0.1770	0.5616	0.6443	0.0318
	COEF. OF VARIATION	25.606	5.391	6.686	9.029	15.009	64.729	144.643	13.021	11.518	173.358

	ENTRY	MOIST	DY.SK	ANTH	P.ASP	N.P.HUSK	E.ASP	FANA	%RL	%SL	%E.ROT
13	SAFITA-2 RE	13.60	50.00	52.00	2.25	2.50	2.75	2.00	20.19	2.38	0.00
1	ACR. 86 PL16-DR	14.77	49.00	51.00	2.38	1.75	3.13	1.88	18.12	0.00	0.00
3	FAR. 88 PL16-DR	14.95	48.00	50.25	1.88	2.75	2.63	1.63	15.14	0.58	0.52
9	TZESRW-SE	16.08	49.75	52.00	2.00	1.50	2.88	1.38	27.01	2.29	0.68
5	DR COMP EARLY	14.77	45.75	47.25	1.88	4.00	2.25	1.38	9.37	4.27	3.78
12	ACR. 87 PL16-SR	15.02	48.50	49.75	1.88	2.00	2.63	1.75	12.90	1.81	1.76
7	DMR-ESRW	14.40	51.25	53.25	1.63	2.50	2.63	1.75	19.34	4.40	0.56
10	EV 8730-SR BC6	14.55	51.00	52.00	1.50	1.25	2.75	1.63	15.69	1.79	0.58
6	TZE COMP. 3x4 F3	14.52	48.50	52.00	2.13	0.75	2.75	2.00	15.43	0.00	1.44
2	ACR. 88 PL16-DR	18.23	50.00	51.75	2.00	1.25	2.25	1.88	11.15	1.77	0.00
4	KAMB. 88 PL16-DR	14.50	50.25	52.25	2.13	2.25	3.00	2.00	17.21	2.26	0.00
11	EV 8731-SR BC6	15.75	50.25	53.00	2.00	0.75	3.00	2.13	10.62	7.92	0.66
8	DMR-ESRY	13.93	52.25	54.25	2.38	1.50	3.25	2.63	8.71	9.79	0.00
14	Local Check	11.15	45.25	47.25	2.25	2.25	3.13	1.63	16.05	1.70	2.96
	OVERALL MEAN	14.730	49.268	51.286	2.018	1.929	2.786	1.830	15.495	2.927	0.924
	STANDARD ERROR	1.395	0.940	0.954	0.356	0.819	0.322	0.428	5.083	2.264	0.811
	LSD 5%	3.996	2.694	2.732	1.020	2.347	0.922	1.228	14.565	6.486	2.323
	PROB. OF F	0.3199	0.0002	0.0001	0.8925	0.3591	0.5682	0.8618	0.5318	0.1338	0.0351
	COEF. OF VARIATION	18.936	3.817	3.719	35.282	84.964	23.108	46.817	65.611	154.695	175.389

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : SAFGRAD

Table 1-7

LOCATION : KAMBOINSE - SIMPLE RIDGES (BURKINA-FASO)

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	P.HARV	E.HARV	N.E.ROT
4	KAME. 88 PL16-DR	2317.34	51.75	48.75	133.75	54.00	31.25	34.25	0.75
14	Local Check	1592.86	47.75	50.50	124.50	55.50	26.50	31.75	1.33
8	DMR-ESRY	1534.76	54.75	51.00	135.00	68.00	28.75	28.00	0.00
10	EV 8730-SR BC6	1434.21	59.25	47.25	118.75	57.00	22.00	23.50	0.50
9	TZESRW-SE	1187.55	54.00	47.25	122.75	61.75	24.25	28.00	0.75
5	DR COMP EARLY	967.63	53.50	48.00	105.00	45.50	20.00	25.25	1.00
11	EV 8731-SR BC6	954.50	58.50	51.00	112.75	57.75	13.00	17.25	0.25
7	DMR-ESRW	813.85	55.00	48.00	127.50	58.25	22.50	21.25	0.50
2	ACR. 88 PL16-DR	625.98	57.25	44.75	108.00	56.25	19.00	18.75	1.25
12	ACR. 87 PL16-SR	601.48	50.00	50.00	106.00	52.00	29.25	30.25	1.00
6	TZE COMP. 3x4 F3	560.72	55.25	51.50	105.00	51.75	15.25	19.00	0.00
3	FAR. 88 PL16-DR	401.38	58.50	49.50	94.25	43.00	19.50	21.25	0.75
13	SAFITA-2 RE	326.24	58.50	42.50	89.75	44.75	12.00	14.50	0.50
1	ACR. 86 PL16-DR	298.17	56.00	43.50	86.00	45.50	10.50	16.25	1.00
OVERALL MEAN		972.619	55.000	48.107	112.071	53.643	20.982	23.518	0.720
STANDARD ERROR		359.590	2.497	2.175	9.429	6.591	4.378	4.898	0.467
LSD 5%		1030.300	7.153	6.232	27.015	18.884	12.543	14.034	1.337
PROB. OF F		0.0099	0.0641	0.0969	0.0070	0.3334	0.0225	0.1278	0.3797
COEF. OF VARIATION		73.943	9.079	9.043	16.826	24.573	41.729	41.653	129.687

	ENTRY	MOIST	DY.SR	ANTH	P.ASP	N.P.HOSR	E.ASP	FAMA	%RC	%SC	%E.ROT
4	KAME. 88 PL16-DR	15.98	47.50	50.00	2.63	2.00	4.25	2.75	29.69	9.61	2.46
14	Local Check	9.63	43.75	45.25	3.25	1.00	5.00	4.38	56.81	5.16	6.29
8	DMR-ESRY	14.25	50.00	52.75	3.00	0.75	4.88	3.88	23.71	29.89	0.00
10	EV 8730-SR BC6	14.90	51.50	53.75	3.63	0.50	3.88	3.88	71.19	23.55	2.94
9	TZESRW-SE	15.13	48.25	50.75	3.00	0.50	4.88	3.75	63.40	14.10	3.81
5	DR COMP EARLY	11.90	46.00	48.50	4.13	2.75	5.00	4.38	18.06	38.46	3.97
11	EV 8731-SR BC6	16.05	51.50	53.75	4.13	1.25	4.88	4.38	64.67	11.81	1.04
7	DMR-ESRW	13.52	49.00	51.25	4.00	0.50	4.75	4.25	28.47	17.02	1.98
2	ACR. 88 PL16-DR	12.50	50.75	53.00	4.50	0.25	4.88	4.63	21.27	27.74	6.89
12	ACR. 87 PL16-SR	11.98	46.00	48.25	3.75	1.25	5.00	4.63	34.46	1.32	2.61
6	TZE COMP. 3x4 F3	14.45	50.00	52.50	4.38	0.25	5.00	4.75	52.99	45.18	0.00
3	FAR. 88 PL16-DR	11.52	51.50	54.75	4.75	0.00	5.00	4.75	52.84	9.82	3.12
13	SAFITA-2 RE	12.70	51.25	53.25	4.50	0.25	5.00	4.75	19.86	22.58	3.31
1	ACR. 86 PL16-DR	12.93	51.00	53.50	4.88	0.75	5.00	4.75	24.96	57.94	7.73
OVERALL MEAN		13.387	49.143	51.518	3.893	0.857	4.813	4.277	40.169	22.440	3.296
STANDARD ERROR		0.864	1.019	1.115	0.464	0.868	0.205	0.371	22.807	13.139	2.088
LSD 5%		2.475	2.921	3.195	1.330	2.487	0.586	1.063	65.348	37.646	5.982
PROB. OF F		0.0001	0.0000	0.0000	0.0215	0.6930	0.0086	0.0230	0.7500	0.1557	0.2700
COEF. OF VARIATION		12.907	4.149	4.329	23.852	202.565	8.503	17.352	113.556	117.106	126.681

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : SANOU JACOB

Table 1-8

LOCATION : KOUARE (BURKINA-FASO)

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	P.HARV	E.HARV	%RL	%SL
11	EV 8731-SR BC6	3564.20	55.75	39.25	171.75	94.50	40.75	37.75	12.64	8.63
10	EV 8730-SR BC6	3370.23	55.50	41.00	166.00	88.25	40.00	36.75	15.22	0.00
1	ACR. 86 PL16-DR	3297.49	54.75	39.25	149.25	85.50	40.25	35.75	11.85	10.39
4	KAMB. 88 PL16-DR	3224.75	56.00	40.50	158.50	86.25	40.25	34.50	8.65	1.37
5	DR COMP EARLY	3200.50	52.00	39.50	156.75	81.50	38.00	33.50	15.90	12.77
13	SAFITA-2 RE	3152.01	54.50	41.75	159.50	86.25	39.75	36.25	4.36	8.07
7	DMR-ESRW	3152.01	55.75	40.00	166.75	95.00	37.50	37.00	6.92	4.86
3	FAR. 88 PL16-DR	3152.01	55.00	40.75	153.00	81.75	39.00	36.50	17.43	3.75
6	TZE COMP. 3x4 F3	3079.27	54.50	42.00	152.50	85.50	40.50	37.00	6.64	4.98
12	ACR. 87 PL16-SR	3055.03	54.00	40.75	145.50	75.25	39.50	35.25	8.14	3.16
9	TZESRW-SE	3055.03	55.75	40.25	167.75	94.25	39.50	35.50	9.89	11.95
2	ACR. 88 PL16-DR	2982.29	54.00	39.50	162.25	94.00	37.50	34.75	11.15	3.98
14	Local Check	2861.06	57.25	42.25	173.75	100.50	39.00	33.25	13.80	5.77
8	DMR-ESRY	2715.58	56.00	41.50	162.25	90.25	38.75	33.00	6.49	11.00
OVERALL MEAN		3132.962	55.054	40.589	160.393	88.482	39.304	35.482	10.648	6.476
STANDARD ERROR		215.588	0.513	1.220	5.535	3.433	1.457	1.451	4.753	3.725
LSD 5%		617.703	1.469	3.495	15.858	9.835	4.175	4.731	13.618	10.674
LSD 1%		325.608	1.963	4.671	21.196	13.145	5.581	6.323	18.202	14.267
PROB. OF F		0.5213	0.0000	0.7496	0.0218	0.0006	0.8879	0.6201	0.7449	0.3382
COEF. OF VARIATION		13.763	1.862	6.010	6.901	7.759	7.415	9.307	89.276	115.045

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : SANOU JACOB

LOCATION : NIANGOLOKO (BURKINA FASO)

No OF REPS = 4 No OF ENTRIES = 14

Table 1-9

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
12	ACR. 87 PL16-SR	4187.98	46.50	44.00	155.25	61.25	12.15	0.65	43.00	40.50	0.75
6	TZE COMP. 3x4 F3	4088.58	49.50	44.00	154.00	61.75	1.73	0.00	41.75	41.00	0.25
11	EV 8731-SR BC6	3960.26	52.25	43.75	166.50	71.25	0.55	0.00	43.75	38.25	1.00
7	DMR-ESRW	3842.53	51.25	44.00	163.00	74.50	0.00	0.00	44.00	39.75	0.00
1	ACR. 86 PL16-DR	3792.53	50.00	43.75	150.25	60.00	0.00	0.00	43.00	37.75	0.75
8	DMR-ESRY	3709.72	51.00	44.00	176.50	84.50	1.13	0.00	44.00	40.50	0.00
4	KAMB. 88 PL16-DR	3601.25	52.50	44.00	150.25	65.00	0.00	0.57	43.75	41.00	0.50
3	FAR. 88 PL16-DR	3553.60	49.50	43.50	151.00	67.75	5.63	0.57	42.75	38.75	1.00
2	ACR. 88 PL16-DR	3428.12	50.25	44.00	158.25	67.50	0.70	0.00	41.75	39.25	0.75
10	EV 8730-SR BC6	3406.56	52.50	43.75	165.75	69.75	7.00	0.00	40.75	38.25	0.75
14	Local Check	3183.04	54.00	43.00	182.25	92.75	9.55	0.00	42.75	35.50	0.00
13	SAFITA-2 RE	2928.72	52.00	43.50	164.75	70.25	8.27	0.00	42.75	37.25	0.25
5	DR COMP EARLY	2818.78	45.50	44.00	145.25	56.25	1.70	0.00	44.00	39.00	1.00
9	TZESRW-SE	2514.29	49.75	44.00	147.50	57.25	0.00	0.00	44.00	38.75	0.25
	OVERALL MEAN	3501.139	50.464	43.804	159.321	68.554	3.457	0.129	43.000	38.964	0.518
	STANDARD ERROR	387.413	0.915	0.329	4.263	3.460	3.926	0.275	1.099	1.506	0.395
	LSD 5%	1110.017	2.622	0.943	12.215	9.914	11.249	0.789	3.149	4.316	1.132
	PROB. OF F	0.1201	0.0000	0.6425	0.0000	0.0000	0.3571	0.5946	0.5987	0.4201	0.5114
	COEF. OF VARIATION	22.131	3.627	1.503	5.352	10.095	227.131	428.509	5.112	7.731	152.550

	ENTRY	MOIST	OTHERS	%RL	%SL	%E.ROT	NO
12	ACR. 87 PL16-SR	17.60	38.75	29.60	1.48	1.82	
6	TZE COMP. 3x4 F3	18.70	38.50	3.92	0.00	0.61	
11	EV 8731-SR BC6	19.10	34.50	1.25	0.00	2.51	
7	DMR-ESRW	19.30	37.25	0.00	0.00	0.00	
1	ACR. 86 PL16-DR	19.90	34.50	0.00	0.00	1.84	
8	DMR-ESRY	18.90	37.50	2.56	0.00	0.00	
4	KAMB. 88 PL16-DR	18.90	38.25	0.00	1.31	1.20	
3	FAR. 88 PL16-DR	18.50	36.25	14.06	1.34	2.44	
2	ACR. 88 PL16-DR	19.40	35.75	2.00	0.00	2.00	
10	EV 8730-SR BC6	19.40	34.25	18.00	0.00	1.98	
14	Local Check	19.60	32.00	22.06	0.00	0.00	
13	SAFITA-2 RE	18.90	34.75	19.67	0.00	0.69	
5	DR COMP EARLY	15.70	36.25	3.86	0.00	2.65	
9	TZESRW-SE	16.83	32.25	0.00	0.00	0.66	
	OVERALL MEAN	18.623	35.768	8.355	0.294	1.313	
	STANDARD ERROR	0.006	1.948	9.553	0.631	0.995	
	LSD 5%	0.019	5.581	27.370	1.807	2.851	
	PROB. OF F	0.0000	0.2881	0.3677	0.5956	0.5018	
	COEF. OF VARIATION	0.069	10.893	228.682	428.619	151.487	

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : CHARLES THE

Table 1-10

LOCATION : MAROUA - CAMEROON

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST	%RL
5	DR COMP EARLY	5462.08	47.50	195.60	84.30	2.00	1.50	54.75	49.00	14.35	3.65
3	FAR. 88 PL16-DR	5269.00	50.00	186.70	88.85	2.25	1.75	51.25	47.25	15.45	4.31
14	Local Check	5197.48	45.75	187.25	78.95	2.25	1.00	47.75	46.25	12.40	4.75
10	EV 8730-SR BC6	5038.48	51.50	206.20	103.55	2.00	0.50	51.00	47.50	20.05	3.76
12	ACR. 87 PL16-SR	4816.50	48.50	182.65	77.00	1.25	1.00	53.25	49.25	13.90	2.41
1	ACR. 86 PL16-DR	4815.08	49.75	189.40	80.65	1.00	0.75	50.00	42.25	14.30	1.98
4	KAMB. 88 PL16-DR	4764.13	50.50	196.30	88.10	0.50	0.50	53.00	47.75	16.50	0.94
2	ACR. 88 PL16-DR	4659.50	49.25	201.25	98.60	1.25	0.75	48.75	45.50	16.70	2.49
9	TZESRW-SE	4635.37	52.00	194.60	84.80	2.50	2.00	51.75	48.00	12.45	4.81
6	TZE COMP. 3x4 F3	4414.90	50.00	194.23	86.72	0.50	0.75	47.25	45.50	14.50	1.06
13	SAFITA-2 RE	4302.43	50.50	205.15	96.40	0.50	3.00	49.50	46.25	16.70	1.01
7	DMR-ESRW	4148.90	52.75	191.35	89.45	1.75	1.00	53.75	47.00	16.20	3.24
8	DMR-ESRY	4148.28	52.75	214.50	109.45	2.50	0.75	52.75	46.00	18.30	4.69
11	EV 8731-SR BC6	4134.81	51.25	200.05	91.55	2.00	0.00	49.00	44.25	18.05	4.11
	OVERALL MEAN	4700.496	50.143	196.087	89.884	1.589	1.089	50.982	46.554	15.704	3.086
	STANDARD ERROR	472.791	0.720	5.950	4.100	0.675	0.629	1.670	1.900	1.035	1.295
	LSD 5%	1354.643	2.062	17.048	11.748	1.933	1.802	4.786	5.443	2.964	3.710
	LSD 1%	1810.586	2.756	22.786	15.702	2.583	2.408	6.397	7.275	3.962	4.958
	PROB. OF F	0.6079	0.0000	0.0334	0.0000	0.3042	0.1814	0.0519	0.5080	0.0001	0.2981
	COEF. OF VARIATION	20.117	2.870	6.069	9.123	84.887	115.466	6.553	8.162	13.176	83.914

	ENTRY	%SL
5	DR COMP EARLY	2.73
3	FAR. 88 PL16-DR	3.55
14	Local Check	2.23
10	EV 8730-SR BC6	0.94
12	ACR. 87 PL16-SR	1.84
1	ACR. 86 PL16-DR	1.52
4	KAMB. 88 PL16-DR	0.91
2	ACR. 88 PL16-DR	1.59
9	TZESRW-SE	3.76
6	TZE COMP. 3x4 F3	1.74
13	SAFITA-2 RE	6.06
7	DMR-ESRW	1.83
8	DMR-ESRY	1.44
11	EV 8731-SR BC6	0.00
	OVERALL MEAN	2.155
	STANDARD ERROR	1.215
	LSD 5%	3.480
	LSD 1%	4.652
	PROB. OF F	0.1502
	COEF. OF VARIATION	112.758

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : CHARLES THE

LOCATION : SANGUERE - CAMEROON

No OF REPS = 4 No OF ENTRIES = 14

Table 1-11

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
3	FAR. 88 PL16-DR	7585.40	48.00	54.75	182.00	95.50	0.00	0.50	52.00	54.50	0.75
1	ACR. 86 PL16-DR	7376.99	47.50	54.25	191.50	103.25	0.00	0.50	51.00	54.00	1.00
11	EV 8731-SR BC6	7189.58	49.25	53.50	199.25	108.00	0.00	2.00	48.25	52.00	2.50
12	ACR. 87 PL16-SR	7174.49	47.00	54.50	169.25	90.50	0.00	0.75	51.25	54.00	0.75
4	KAMB. 88 PL16-DR	7151.25	48.75	55.75	201.00	107.75	0.00	1.00	54.25	55.25	0.25
7	DMR-ESRW	7042.22	50.25	55.50	185.00	100.00	0.25	2.25	51.75	52.50	1.75
2	ACR. 88 PL16-DR	6964.72	48.00	54.25	190.50	101.50	0.00	1.50	51.25	52.75	1.25
6	TZE COMP. 3x4 F3	6950.12	48.25	52.25	185.75	99.25	0.00	0.25	50.75	52.00	0.50
13	SAFITA-2 RE	6847.48	48.75	54.00	192.50	100.00	0.00	0.75	51.25	53.25	1.50
10	EV 8730-SR BC6	6824.98	50.25	55.00	196.50	102.25	0.00	2.25	49.00	50.50	0.50
5	DR COMP EARLY	6658.68	45.00	53.75	183.00	94.50	0.00	1.00	50.75	52.00	2.00
8	DMR-ESRY	6567.65	50.50	55.25	195.50	111.25	0.00	2.00	49.00	53.00	0.75
9	TZESRW-SE	6503.41	49.75	55.00	178.25	93.00	0.00	1.50	50.50	52.50	1.50
14	Local Check	5047.76	43.00	53.25	174.25	92.50	0.00	0.50	47.25	51.00	3.75
	OVERALL MEAN	6848.910	48.161	54.357	187.446	99.946	0.018	1.196	50.589	52.804	1.339
	STANDARD ERROR	271.492	0.428	0.805	5.608	3.958	0.067	0.560	1.170	1.424	0.563
	LSD 5%	777.880	1.227	2.305	16.068	11.341	0.191	1.603	3.352	4.080	1.614
	LSD 1%	1039.697	1.640	3.081	21.476	15.158	0.256	2.143	4.481	5.453	2.157
	PROB. OF F	0.0001	0.0000	0.1934	0.0056	0.0127	0.4697	0.1264	0.0258	0.5993	0.0064
	COEF. OF VARIATION	7.928	1.779	2.961	5.983	7.921	748.331	93.533	4.626	5.394	84.104

	ENTRY	MOIST	%RL	%SL	%E.ROT
3	FAR. 88 PL16-DR	21.25	0.00	1.00	1.36
1	ACR. 86 PL16-DR	19.90	0.00	1.02	1.86
11	EV 8731-SR BC6	21.00	0.00	4.27	4.79
12	ACR. 87 PL16-SR	20.67	0.00	1.53	1.45
4	KAMB. 88 PL16-DR	20.35	0.00	1.84	0.44
7	DMR-ESRW	19.85	0.52	4.37	3.34
2	ACR. 88 PL16-DR	20.20	0.00	2.98	2.43
6	TZE COMP. 3x4 F3	20.08	0.00	0.51	1.04
13	SAFITA-2 RE	19.98	0.00	1.44	2.78
10	EV 8730-SR BC6	19.48	0.00	4.93	0.91
5	DR COMP EARLY	18.95	0.00	2.02	3.86
8	DMR-ESRY	19.23	0.00	4.12	1.41
9	TZESRW-SE	19.40	0.00	3.03	2.83
14	Local Check	16.05	0.00	1.06	7.26
	OVERALL MEAN	19.741	0.037	2.438	2.555
	STANDARD ERROR	0.654	0.139	1.175	1.080
	LSD 5%	1.873	0.399	3.367	3.095
	LSD 1%	2.504	0.533	4.500	4.137
	PROB. OF F	0.0009	0.4697	0.1253	0.0055
	COEF. OF VARIATION	6.624	748.331	96.381	84.560

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : CHARLES THE

Table 1-12

LOCATION : SOUCCUNDOU-CAMEROON

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	E.HARV	MOIST	%RL
6	TZE COMP. 3x4 F3	6980.50	49.50	55.00	194.00	90.00	0.00	0.00	57.50	21.05	0.00
1	ACR. 86 PL16-DR	6787.12	48.50	55.75	184.75	90.00	1.25	0.00	56.50	20.95	2.23
13	SAFITA-2 RE	6590.47	49.00	55.00	192.50	105.00	3.00	0.00	53.75	20.55	5.46
11	EV 8731-SR BC6	6582.77	51.25	55.25	192.25	92.50	0.00	0.25	53.25	22.85	0.00
4	KAMB. 88 PL16-DR	6536.96	50.50	56.00	197.00	105.00	0.75	0.00	53.50	19.90	1.34
5	DR COMP EARLY	6380.36	47.25	54.75	182.25	83.75	2.75	0.50	50.50	19.20	5.00
7	DMR-ESRW	6372.29	50.50	56.00	197.25	111.00	2.00	0.00	55.50	22.45	3.57
2	ACR. 88 PL16-DR	6283.34	49.75	55.50	189.00	83.75	0.50	0.25	51.75	22.75	0.91
10	EV 8730-SR BC6	6236.45	51.50	54.75	191.00	100.25	4.00	1.00	52.25	19.75	7.27
3	FAR. 88 PL16-DR	6192.04	49.75	55.00	185.50	98.75	2.50	0.25	52.75	21.35	4.70
12	ACR. 87 PL16-SR	6131.71	48.25	55.75	173.75	83.75	3.75	0.00	50.75	20.70	6.74
8	DMR-ESRY	5798.13	50.00	54.50	193.00	100.25	0.50	0.50	51.75	20.10	0.93
14	Local Check	5720.15	46.00	54.00	192.25	90.00	1.50	0.50	50.25	18.20	2.75
9	TZESRW-SE	5598.23	51.75	54.50	190.25	95.75	1.00	0.25	49.25	20.65	1.84
OVERALL MEAN		6299.322	49.536	55.125	189.625	94.982	1.679	0.250	52.804	20.746	3.052
STANDARD ERROR		323.740	0.535	0.724	5.338	7.069	1.177	0.277	2.241	0.761	2.143
LSD 5%		927.580	1.532	2.075	15.294	20.253	3.372	0.792	6.421	2.180	6.139
LSD 1%		1239.783	2.047	2.774	20.442	27.070	4.507	1.059	8.582	2.913	8.205
PROB. OF F		0.1574	0.0000	0.7420	0.2077	0.1541	0.2576	0.3636	0.3426	0.0036	0.2612
COEF. OF VARIATION		10.279	2.158	2.628	5.630	14.884	140.225	221.219	8.488	7.334	140.396

	ENTRY	%SL
6	TZE COMP. 3x4 F3	0.00
1	ACR. 86 PL16-DR	0.00
13	SAFITA-2 RE	0.00
11	EV 8731-SR BC6	0.44
4	KAMB. 88 PL16-DR	0.00
5	DR COMP EARLY	0.88
7	DMR-ESRW	0.00
2	ACR. 88 PL16-DR	0.45
10	EV 8730-SR BC6	1.83
3	FAR. 88 PL16-DR	0.45
12	ACR. 87 PL16-SR	0.00
8	DMR-ESRY	0.89
14	Local Check	0.96
9	TZESRW-SE	0.47
OVERALL MEAN		0.455
STANDARD ERROR		0.504
LSD 5%		1.444
LSD 1%		1.930
PROB. OF F		0.3609
COEF. OF VARIATION		221.334

RUVT EARLY DROUGHT RESISTANT VARIETIES 1990

COOPERATOR : ATTIEY KOFFI

LOCATION : BOUAKE (COTE D'IVOIRE)

Table 1-13

No OF REPS = 4 No OF ENTRIES = 14

ENTRY	YIELD	P.ST	FM	50%SLK	PL.HT	E.HT	RL	SL	P.HARV.	E. HARV	E.ROT	RUST	HELM
6 TZE COMP. 3 X 4 F3	5664	47	53	55	185	75	8	2	53	50	3	2.5	2.5
3 FBA 88 POOL 16 DR	5495	47	52	53	186	78	7	7	53	50	5	2.5	2.5
1 ACR. 86 POOL 16 DR	5488	48	51	53	185	75	13	5	52	51	3	2.5	2.5
2 ACR 88 POOL 16 DR	5291	47	51	53	174	70	19	4	54	47	4	2.0	3.0
4 KAMB. 88 POOL 16 DR	5179	46	51	53	175	75	20	6	52	50	4	2.5	3.0
14 LOCAL CHECK	5031	43	52	57	171	58	23	6	48	46	3	3.0	3.0
13 SAFITA-2 RE	4969	47	52	55	176	74	17	7	52	48	4	2.0	3.0
11 EV 8731-SR BC6	4960	45	53	55	183	75	26	5	52	48	6	2.5	3.0
7 DMR-ESR-W	4654	47	53	57	188	79	19	4	52	48	1	2.5	2.5
10 EV 8730 SR BC6	4643	47	52	56	183	74	21	3	52	49	3	2.0	3.0
12 ACR. 87 POOL 16 SR	4437	46	52	54	176	64	8	4	53	48	6	2.0	2.5
5 DR COMP. EARLY	4322	47	48	53	180	75	10	16	52	48	5	3.0	3.0
9 TZESR-W-SE	4224	45	52	55	173	66	15	7	49	46	8	2.0	3.0
8 DMR-ESR-Y	3925	46	51	55	173	71	29	5	51	42	2	2.0	2.5
OVERALL MEAN	4877.2	46.05	51.53	54.57	178.98	71.96	16.69	5.53	51.67	47.89	3.9	2.5	2.9
STANDARD ERROR	0.2777	1.0694	0.6224	1.0825	6.7747	4.8583	3.5420	1.8401	1.5531	1.7942	1.1332	0.2477	0.2747
LSD 5%	847	3.058	1.765	3.094	19.38	13.90	10.13	5.263	4.441	5.131	3.239	0.7079	0.7860
PROB. OF F	0.0026	0.1437	0.0015	0.1963	0.0000	0.1839	0.0007	0.0017	0.0000	0.1158	0.0154	0.1375	0.0000
COEF OF VARIATION	12.15	4.64	2.42	3.97	7.57	13.50	42.43	66.48	6.01	7.49	57.43	19.82	18.80

EVT-ESR/RUVT-1

COOPERATOR : DR. P.Y.K SALLAH

Table 1-14

LOCATION : DAMONGO-GHANA

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	PL.ST	DY.SK	PL.HT	E.HT	HUSK	P.ASP	P.HARV	E.HARV	E.ASP
3	FBA.88 POOL 16DR	4272.64	44.75	50.00	182.75	89.25	2.75	2.50	41.25	44.25	2.50
14	LOCAL CHECK	4192.93	49.50	53.00	188.75	99.25	1.75	2.00	47.00	43.75	2.50
11	EV.8731-SR BC6	4185.88	45.25	53.00	163.25	79.50	2.50	2.50	38.75	40.75	2.75
2	ACR.88 POOL 16DR	3875.27	49.50	51.00	174.00	72.75	2.50	2.50	45.25	47.00	3.00
9	TZESR-W SE	3866.58	44.75	51.25	172.25	86.00	1.50	2.25	43.00	42.75	3.00
6	TZE COMP 3x4 C0	3815.08	44.00	51.75	174.50	81.00	2.25	2.50	39.50	41.00	2.50
1	ACR.86 POOL 16DR	3805.32	43.75	50.75	168.25	78.00	2.75	1.75	42.25	41.50	2.50
7	DMR-ESRW	3772.55	47.75	52.00	168.50	81.75	2.50	2.75	48.00	45.75	2.75
10	EV.8730-SR BC6	3634.52	47.50	52.00	173.00	88.25	1.50	2.00	40.75	40.50	2.50
4	KAM.88 POOL 16DR	3608.71	49.00	53.25	161.75	73.75	1.75	2.75	45.75	45.50	2.50
12	ACR.87 POOL 16SR	3296.13	42.75	49.75	149.75	57.50	1.75	3.25	41.50	41.50	2.75
8	DMR-ESRY	3116.78	44.25	53.50	166.00	84.50	1.75	2.50	40.75	40.50	3.00
13	SAFITA-2 (RE)	3048.83	45.25	51.50	157.75	78.75	2.25	3.50	42.50	40.25	3.00
5	DR COMP. EARLY	2937.15	44.00	49.75	185.00	83.75	2.75	3.75	40.75	39.25	3.50
	OVERALL MEAN	3673.456	45.857	51.607	170.393	81.000	2.161	2.607	42.643	42.446	2.768
	STANDARD ERROR	481.062	2.160	0.498	6.125	4.542	0.381	0.453	3.003	2.765	0.362
	LSD 5%	1378.340	6.190	1.427	17.549	13.014	1.093	1.298	8.604	7.922	1.038
	LSD 1%	1842.258	8.273	1.908	23.455	17.395	1.461	1.734	11.500	10.588	1.388
	PROB. OF F	0.6561	0.3538	0.0000	0.0036	0.0001	0.1398	0.1333	0.5769	0.6960	0.7579
	COEF. OF VARIATION	26.191	9.422	1.931	7.189	11.215	35.306	34.744	14.085	13.027	26.183

	ENTRY	N.E.ROT	MOIST	BLT.M.	%RL	%SL	%E.ROT
3	FBA.88 POOL 16DR	3.00	17.63	1.00	12.23	14.99	6.74
14	LOCAL CHECK	2.75	18.00	1.25	13.72	14.97	6.44
11	EV.8731-SR BC6	5.50	18.00	2.00	6.42	9.68	13.54
2	ACR.88 POOL 16DR	4.50	18.63	2.25	12.01	9.92	9.81
9	TZESR-W SE	4.50	16.63	4.00	14.96	16.39	11.14
6	TZE COMP 3x4 C0	2.75	17.75	3.25	10.71	7.81	6.73
1	ACR.86 POOL 16DR	4.25	18.63	2.25	12.42	14.58	10.33
7	DMR-ESRW	3.00	17.50	3.75	13.50	21.19	6.49
10	EV.8730-SR BC6	2.50	17.13	2.00	14.01	8.29	6.21
4	KAM.88 POOL 16DR	3.50	17.88	3.00	14.95	5.99	7.43
12	ACR.87 POOL 16SR	2.00	16.00	2.00	12.31	8.62	4.73
8	DMR-ESRY	4.00	16.88	3.00	9.93	9.24	10.11
13	SAFITA-2 (RE)	3.00	17.00	1.00	12.24	23.11	7.45
5	DR COMP. EARLY	5.25	16.13	3.00	14.24	18.65	12.83
	OVERALL MEAN	3.607	17.411	2.411	12.405	13.103	8.568
	STANDARD ERROR	1.118	0.548	0.168	4.042	3.351	2.621
	LSD 5%	3.204	1.569	0.482	11.580	9.600	7.509
	LSD 1%	4.282	2.098	0.644	15.477	12.831	10.037
	PROB. OF F	0.5484	0.0247	0.0000	0.9858	0.0115	0.4165
	COEF. OF VARIATION	62.001	6.292	13.950	65.161	51.140	61.178

EVT-ESR/ROVT-1

COOPERATOR : P.Y.K. SALLAH

LOCATION : NYANKPALA-GHANA

Table 1-15

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	PL.ST	DY.SR	PL.HT	E.HT	ROSR	P.ASP	P.HARV	E.HARV	E.ASP
2	ACR.88 POOL 16DR	5891.70	52.00	53.75	139.75	63.50	1.75	1.25	52.00	51.00	2.25
11	EV.8731-SR BC6	5844.20	51.25	55.25	143.50	62.25	2.00	2.00	51.25	49.25	1.75
14	LOCAL CHECK	5656.94	51.00	57.25	148.75	69.00	1.50	1.75	51.00	48.75	1.50
6	TZE COMP 3x4 C0	5582.91	51.50	54.50	142.75	60.25	2.00	1.75	51.50	48.75	1.50
4	KAM.88 POOL 16DR	5574.64	50.75	54.50	136.50	61.00	2.00	2.00	50.75	49.75	2.25
1	ACR.86 POOL 16DR	5440.72	51.75	52.25	126.00	53.50	1.75	2.00	51.75	50.25	2.50
10	EV.8730-SR BC6	5397.22	51.75	55.75	133.75	53.75	1.75	1.50	51.75	50.00	1.75
7	DMR-ESRW	5310.07	50.50	54.00	131.75	60.00	2.00	2.00	50.50	48.25	2.00
8	DMR-ESRY	5214.94	51.75	55.75	143.00	63.25	1.75	1.50	51.75	50.75	1.75
3	FBA.88 POOL 16DR	5155.61	50.25	53.50	131.25	59.50	2.50	2.00	50.25	49.50	2.25
12	ACR.87 POOL 16SR	5077.31	50.25	51.00	126.00	51.00	1.75	2.00	50.25	49.50	2.25
13	SAFITA-2 (RE)	5059.34	49.75	54.50	129.00	51.25	2.50	2.00	49.75	49.25	2.50
9	TZESR-W SE	4835.56	51.25	55.25	133.50	56.00	2.00	2.00	51.25	50.00	2.50
5	DR COMP. EARLY	3847.45	51.75	52.75	129.00	54.75	2.75	2.75	51.75	48.00	3.25
OVERALL MEAN		5277.757	51.107	54.286	135.321	58.500	2.036	1.893	51.107	49.500	2.143
STANDARD ERROR		306.028	0.494	0.723	4.216	3.315	0.269	0.361	0.494	0.998	0.317
LSD 5%		876.832	1.414	2.072	12.081	9.499	0.771	1.035	1.414	2.859	0.909
LSD 1%		1171.954	1.890	2.769	16.147	12.696	1.030	1.383	1.890	3.821	1.215
PROB. OF F		0.0064	0.0430	0.0001	0.0050	0.0127	0.0507	0.5262	0.0430	0.6825	0.0246
COEF. OF VARIATION		11.597	1.931	2.664	6.232	11.334	26.425	38.169	1.931	4.031	29.622

	ENTRY	MOIST	N.STREAK	ROST.P.	BLT.M.	CORV	%RL	%SL	%E.ROT
2	ACR.88 POOL 16DR	25.13	0.75	1.50	2.50	2.50	20.67	6.73	10.71
11	EV.8731-SR BC6	26.00	0.25	2.25	1.50	2.25	21.20	6.25	10.06
14	LOCAL CHECK	26.25	1.25	1.25	2.25	2.25	19.60	6.28	3.56
6	TZE COMP 3x4 C0	24.13	0.50	1.75	1.75	1.75	21.80	6.32	6.62
4	KAM.88 POOL 16DR	26.25	0.50	2.00	2.00	2.50	17.32	6.86	9.00
1	ACR.86 POOL 16DR	25.50	0.75	2.00	2.25	2.50	12.16	5.80	9.16
10	EV.8730-SR BC6	26.13	0.00	2.00	1.75	2.00	35.69	5.79	7.02
7	DMR-ESRW	25.88	0.25	2.00	1.25	1.50	22.49	8.38	7.80
8	DMR-ESRY	25.13	0.75	2.00	1.50	2.00	25.52	8.18	6.91
3	FBA.88 POOL 16DR	26.88	1.00	1.75	2.00	2.50	18.96	8.92	9.68
12	ACR.87 POOL 16SR	25.00	0.75	1.50	2.00	1.50	11.44	5.43	8.12
13	SAFITA-2 (RE)	25.38	1.00	1.75	2.50	2.00	27.31	6.03	3.99
9	TZESR-W SE	25.63	0.00	2.50	2.00	1.75	13.67	10.74	11.41
5	DR COMP. EARLY	23.25	1.75	3.75	3.00	2.25	32.81	20.26	28.50
OVERALL MEAN		25.464	0.679	2.000	2.018	2.089	21.475	7.997	9.468
STANDARD ERROR		0.544	0.569	0.314	0.331	0.287	5.779	2.445	2.861
LSD 5%		1.558	1.630	0.899	0.949	0.822	16.559	7.005	8.197
LSD 1%		2.083	2.179	1.202	1.269	1.099	22.133	9.363	10.956
PROB. OF F		0.0046	0.7275	0.0009	0.0516	0.1303	0.1550	0.0152	0.0002
COEF. OF VARIATION		4.272	167.694	31.376	32.839	27.463	53.825	61.143	60.430

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : SEKOUNA CAMARA

LOCATION : KILISSI (GUINEA)

Table 1-16

No OF REPS = 4

No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.HT	E.HT	P.HARV	E.HARV	MOIST	HECM	DWT
1	ACR. 86 PL16-DR	8308.05	44.25	149.05	64.75	47.00	47.50	15.63	3.25	3.65
2	ACR. 88 PL16-DR	8040.80	45.25	150.65	68.50	47.25	48.50	15.85	2.50	3.60
5	DR COMP EARLY	7889.56	41.00	142.45	62.00	48.00	48.25	15.40	3.25	3.50
13	SAFITA-2 RE	7772.89	44.75	152.27	68.00	47.25	48.00	15.65	2.75	3.35
7	DMR-ESRW	7762.51	42.00	145.30	66.00	47.00	48.25	15.23	2.50	3.20
11	EV 8731-SR BC6	7643.44	45.00	165.80	68.50	47.25	47.00	16.75	3.00	3.58
6	TZE COMP. 3x4 F3	7531.74	42.00	153.55	60.75	48.00	47.75	15.95	2.50	3.38
4	KAMB. 88 PL16-DR	7066.58	45.00	144.57	63.75	46.50	47.25	16.30	2.50	3.35
12	ACR. 87 PL16-SR	7027.08	45.00	138.90	57.75	47.00	47.50	14.75	3.00	2.97
10	EV 8730-SR BC6	6998.92	45.00	157.00	69.50	47.50	47.75	15.68	2.75	3.25
14	Check K-113	6716.98	43.00	158.75	73.50	46.50	47.75	16.77	2.75	3.17
3	FAR. 88 PL16-DR	6018.89	45.00	150.60	69.55	47.00	47.50	16.70	2.75	3.03
8	DMR-ESRY	5960.78	42.75	151.00	68.75	47.50	47.75	15.05	2.50	3.95
9	TZESRW-SE	5693.59	44.00	152.00	64.25	47.25	47.25	15.05	3.00	2.85
OVERALL MEAN		7173.701	43.857	150.850	66.111	47.214	47.714	15.768	2.786	3.345
STANDARD ERROR		343.686	0.128	4.696	3.323	0.354	0.493	0.353	0.352	0.180
LSD 5%		984.730	0.368	13.455	9.520	1.015	1.411	1.011	1.009	0.515
LSD 1%		1316.168	0.492	17.984	12.724	1.356	1.887	1.351	1.349	0.688
PROB. OF F		0.0000	0.0000	0.0314	0.1343	0.1276	0.7070	0.0011	0.8318	0.0077
COEF. OF VARIATION		9.582	0.586	6.226	10.051	1.500	2.065	4.474	25.290	10.743

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : NIJI COULIBALY

Table 1-17

LOCATION : KITA (MALI)

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	SL	P.HARV	E.HARV	MOIST	%SL
12	ACR. 87 PL16-SR	7021.83	52.00	48.25	177.75	78.50	3.25	46.50	47.25	13.02	7.39
7	DMR-ESRW	6615.49	51.75	50.00	185.50	85.25	2.50	47.00	48.00	16.98	5.49
11	EV 8731-SR BC6	6381.76	49.50	50.00	177.25	78.50	2.75	46.75	47.50	15.75	5.70
13	SAFITA-2 RE	6379.79	52.00	49.00	167.25	77.00	2.00	45.00	46.50	16.50	4.33
14	Local Check	6263.69	51.50	47.25	181.00	79.75	3.25	45.25	46.00	16.13	7.25
10	EV 8730-SR BC6	6239.27	51.00	48.75	178.50	84.00	3.25	44.00	44.00	15.75	7.32
9	TZESRW-SE	6221.53	50.50	48.75	179.25	90.25	4.50	46.25	46.25	15.60	9.76
6	TZE COMP. 3x4 F3	6129.62	51.50	50.75	168.75	71.50	2.50	45.75	45.75	16.73	5.47
8	DMR-ESRY	6129.48	49.25	50.50	170.50	80.00	3.25	46.25	46.25	16.02	7.06
5	DR COMP EARLY	5759.34	52.25	49.00	165.75	69.75	2.50	44.00	44.75	15.32	5.68
3	FAR. 88 PL16-DR	5572.79	53.50	50.75	166.75	67.00	3.00	45.00	45.00	15.52	6.64
4	KAMB. 88 PL16-DR	5184.95	52.75	49.50	170.75	68.00	4.00	45.75	46.25	16.98	8.73
2	ACR. 88 PL16-DR	4933.17	48.00	47.50	160.00	74.75	3.50	46.75	47.25	13.65	7.49
1	ACR. 86 PL16-DR	3511.66	50.00	48.00	153.00	66.00	6.75	35.50	35.50	15.38	18.85
	OVERALL MEAN	5881.740	51.107	49.143	171.571	76.446	3.357	44.982	45.446	15.666	7.654
	STANDARD ERROR	379.295	1.334	1.324	6.405	5.962	0.893	1.767	1.841	0.839	1.842
	LSD 5%	1086.758	3.822	3.795	18.352	17.082	2.560	5.064	5.274	2.404	5.278
	PROB. OF F	0.0000	0.2727	0.6944	0.0579	0.1562	0.0953	0.0087	0.0068	0.0705	0.0008
	COEF. OF VARIATION	12.897	5.221	5.390	7.467	15.597	53.221	7.859	8.101	10.712	48.136

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : NTJI COULIBALY

Table 1-18

LOCATION : SOTUBA (MALI)

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	P.HARV	E.HARV	MOIST
5	DR COMP EARLY	4552.58	49.00	46.50	186.25	78.75	35.75	36.25	12.52
6	TZE COMP. 3x4 F3	4261.95	50.25	48.50	188.75	87.50	34.50	36.50	12.60
4	KAMB. 88 PL16-DR	4172.21	51.00	47.75	181.25	101.25	34.00	35.75	12.50
2	ACR. 88 PL16-DR	4001.63	50.75	46.00	200.00	101.25	31.50	32.25	12.27
11	EV 8731-SR BC6	3956.67	53.25	46.00	200.00	100.00	32.50	34.75	12.23
1	ACR. 86 PL16-DR	3847.59	50.25	45.25	186.25	93.75	31.75	33.25	12.40
10	EV 8730-SR BC6	3796.45	53.25	49.50	211.25	98.75	33.25	34.50	12.48
3	FAR. 88 PL16-DR	3766.07	52.00	43.75	191.25	87.50	32.75	33.50	12.55
9	TZESRW-SE	3682.95	52.00	46.50	191.25	83.75	31.75	33.00	12.52
13	SAFITA-2 RE	3652.46	50.75	45.00	201.25	95.00	32.00	33.25	12.63
8	DMR-ESRY	3633.33	53.50	46.75	205.00	106.25	32.00	32.50	12.41
7	DMR-ESRW	3556.58	54.00	45.25	197.50	102.50	27.75	28.00	12.43
12	ACR. 87 PL16-SR	3346.10	50.00	48.00	191.25	87.50	27.75	29.50	12.43
14	Local Check	3193.57	48.25	48.50	193.75	88.75	35.00	36.25	12.52
	OVERALL MEAN	3815.724	51.304	46.661	194.643	93.750	32.304	33.518	12.463
	STANDARD ERROR	405.342	0.600	1.854	7.680	7.706	2.609	2.775	0.134
	LSD 5%	1161.389	1.720	5.313	22.005	22.078	7.475	7.950	0.383
	PROB. OF F	0.6693	0.0000	0.6952	0.3495	0.3592	0.6551	0.6479	0.7319
	COEF. OF VARIATION	21.246	2.340	7.948	7.892	16.438	16.153	16.557	2.143

	ENTRY	%RL	%SL	DWT
5	DR COMP EARLY	20.94	7.16	2.72
6	TZE COMP. 3x4 F3	6.63	4.66	2.49
4	KAMB. 88 PL16-DR	12.98	6.95	2.38
2	ACR. 88 PL16-DR	9.16	3.28	2.31
11	EV 8731-SR BC6	12.55	2.63	2.16
1	ACR. 86 PL16-DR	15.73	3.66	2.31
10	EV 8730-SR BC6	13.85	4.09	2.25
3	FAR. 88 PL16-DR	15.69	1.85	2.11
9	TZESRW-SE	14.89	6.73	2.14
13	SAFITA-2 RE	19.86	5.86	2.13
8	DMR-ESRY	20.77	2.80	2.15
7	DMR-ESRW	17.79	7.63	2.06
12	ACR. 87 PL16-SR	27.82	5.90	2.06
14	Local Check	26.92	11.32	1.94
	OVERALL MEAN	16.827	5.322	2.230
	STANDARD ERROR	6.297	2.122	0.233
	LSD 5%	18.041	6.081	0.667
	PROB. OF F	0.5377	0.1840	0.6990
	COEF. OF VARIATION	74.840	79.749	20.872

RUVT EARLY DROUGHT RESISTANT VARIETIES 1990

COOPERATOR : SIDI R'CHID

LOCATION : KAEDI (MAURITANIA)

Table 1-19

No. OF REPS. = 4

No. OF ENTRIES = 14

ENTRY	YIELD	DY.FL	P.HT	E.HT	P.HARV	RL	SL
3 FBA 88 POOL 16 DR	2073	55	108	55	41	1	0
5 DR COMP. EARLY	2070	49	104	43	40	0	1
6 TZE COMP. 3 X 4 F3	1805	51	107	50	37	1	0
11 EF 8731-SR BC6	1664	50	125	62	34	1	1
2 ACR 88 POOL 16 DR	1556	52	113	49	41	1	0
7 DMR-ESR-W	1408	54	112	61	33	1	0
4 KAMB. 88 POOL 16 DR	1380	50	109	51	33	1	0
10 EV 8730-SR BC6	1229	49	123	53	28	1	0
1 ACR 86 POOL 16 DR	1187	53	108	46	33	0	0
12 ACR 87 POOL 16 DR	1165	50	121	59	31	1	0
8 DMR-ESR-Y	1068	51	115	56	30	1	0
9 TZESR-W-SE	880	50	107	53	23	1	0
13 SAFITA-2 RE	662	51	105	47	22	1	0
14 LOCAL CHECK	511	49	102	64	25	1	1
OVERALL MEAN	1332.7	50.91	111.30	53.39	32.12	0.536	0.089
STANDARD ERROR	0.2510	0.6581	4.6118	3.6216	4.1010	0.4155	0.2105
LSD 5%	776	1.881	13.19	10.36	11.73	1.188	0.6017
PROB. OF F	0.0027	0.0000	0.0169	0.0042	0.0205	0.0000	0.0000
COEF. OF VARIATION	40.18	2.59	8.29	13.57	25.53	155.11	471.46

EVT-ESR/ROVT-1

COOPERATOR : IITA

LOCATION : BAGAUDA (NIGERIA)

Table 1-20

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	PL.ST	DY.SR	PL.HT	E.HT	P.HARV	E.HARV	MOIST	STR.CO
3	FBA.88 POOL 16DR	5064.24	54.25	51.75	202.50	110.00	51.00	51.00	13.27	12.75
4	KAM.88 POOL 16DR	4921.62	54.00	52.50	207.50	107.50	50.50	52.25	13.20	14.50
5	DR COMP. EARLY	4861.32	52.25	49.00	202.50	95.00	51.00	48.50	11.07	16.00
1	ACR.86 POOL 16DR	4758.37	48.25	50.00	197.50	95.00	46.25	50.00	13.13	18.00
2	ACR.88 POOL 16DR	4687.26	52.00	52.00	205.00	110.00	49.25	49.00	13.35	12.25
6	TZE COMP 3x4 CO	4487.88	41.25	52.50	215.00	97.50	46.62	48.08	11.79	16.50
14	LOCAL CHECK	4440.89	52.50	51.25	205.00	97.50	50.50	52.25	13.85	16.50
11	EV.8731-SR BC6	4145.85	53.00	53.00	202.50	90.00	50.75	47.50	13.05	15.00
13	SAFITA-2 (RE)	4097.33	52.75	52.25	202.50	110.00	50.25	49.50	11.95	14.00
12	ACR.87 POOL 16SR	4018.54	50.00	49.50	197.50	85.00	47.75	42.75	13.38	15.75
8	DMR-ESRY	3632.72	49.50	52.50	205.00	120.00	47.25	43.50	11.98	15.50
9	TZESR-W SE	3464.53	52.75	52.75	210.00	102.50	49.25	47.25	12.32	14.50
7	DMR-ESRW	3457.26	49.75	52.75	200.00	112.50	46.25	46.25	12.75	19.75
10	EV.8730-SR BC6	3231.45	53.50	52.75	210.00	100.00	50.00	45.00	13.32	17.00
OVERALL MEAN		4233.518	51.125	51.750	204.464	102.321	49.044	48.060	12.744	15.571
STANDARD ERROR		344.733	2.951	0.420	5.824	6.847	2.246	2.066	1.133	3.078
LSD 5%		988.565	8.456	1.205	16.686	19.617	6.441	5.925	3.248	8.820
LSD 1%		1321.956	11.302	1.610	22.303	26.219	8.614	7.923	4.343	11.788
PROB. OF F		0.0033	0.2504	0.0000	0.7386	0.0453	0.7825	0.0438	0.9172	0.9541
COEF. OF VARIATION		16.286	11.545	1.625	5.697	13.382	9.160	8.598	17.774	39.536

EVT-ESR/RDVT-1 TRIAL

COOPERATOR : IITA

LOCATION : IKENNE (A) SEASON (NIGERIA)

Table 1-21

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.SR	PL.HT	E.HT	HUSK	P.HARV	E.HARV	E.ROT	MOIST	%RL
14	LOCAL CHECK	3446.79	45.00	178.75	96.25	3.13	42.25	39.25	2.88	20.27	1.11
8	DMR-ESRY	3431.36	45.75	192.50	98.75	1.63	41.25	37.75	1.88	22.38	0.00
6	TZE COMP 3x4 C0	3341.36	44.75	180.00	81.25	2.88	43.25	42.00	2.38	21.42	1.14
10	EV.8730-SR BC6	3337.74	45.50	191.25	90.00	2.63	42.75	40.25	2.25	20.92	0.00
11	EV.8731-SR BC6	3146.71	45.00	178.75	88.75	2.75	42.75	37.00	2.50	24.45	5.20
7	DMR-ESRW	3076.62	44.00	178.75	85.90	3.63	42.50	37.25	2.25	20.00	2.35
4	KAM.88 POOL 16DR	2965.92	44.25	178.75	98.75	2.75	42.50	42.25	4.25	22.92	1.16
12	ACR.87 POOL 16SR	2867.59	43.75	177.50	81.25	2.38	42.25	37.25	3.75	21.98	0.57
3	FBA.88 POOL 16DR	2826.86	43.75	166.25	85.00	3.00	41.00	38.00	3.75	22.00	0.61
1	ACR.86 POOL 16DR	2810.43	43.75	173.75	80.00	3.38	42.00	38.25	2.88	22.42	0.00
2	ACR.88 POOL 16DR	2763.99	44.75	177.50	93.75	2.50	43.25	41.25	3.88	22.67	1.16
9	TZESR-W SE	2650.00	44.75	172.50	73.75	3.63	42.75	38.50	3.13	20.02	0.00
13	SAFITA-2 (RE)	2441.00	44.75	186.25	75.00	3.25	42.00	35.00	3.88	22.15	1.79
5	DR COMP. EARLY	1781.47	43.25	178.75	87.50	3.75	41.25	37.50	3.00	18.65	0.58
OVERALL MEAN		2920.559	44.500	179.375	86.850	2.946	42.268	38.679	3.045	21.591	1.120
STANDARD ERROR		146.842	0.431	5.733	5.156	0.351	0.933	1.663	0.332	0.905	1.364
LSD 5%		420.733	1.234	16.428	14.786	1.005	2.674	4.764	0.951	2.593	3.908
LSD 1%		562.343	1.649	21.957	19.772	1.343	3.574	6.367	1.271	3.465	5.224
PROB. OF F		0.0000	0.0057	0.1797	0.0146	0.0081	0.8554	0.1354	0.0000	0.0080	0.4577
COEF. OF VARIATION		10.056	1.935	6.393	11.874	23.811	4.415	8.597	21.807	8.382	243.672

	ENTRY	%SL
14	LOCAL CHECK	2.39
8	DMR-ESRY	1.85
6	TZE COMP 3x4 C0	1.70
10	EV.8730-SR BC6	2.30
11	EV.8731-SR BC6	0.61
7	DMR-ESRW	2.92
4	KAM.88 POOL 16DR	3.50
12	ACR.87 POOL 16SR	1.19
3	FBA.88 POOL 16DR	1.24
1	ACR.86 POOL 16DR	1.18
2	ACR.88 POOL 16DR	0.00
9	TZESR-W SE	5.20
13	SAFITA-2 (RE)	2.34
5	DR COMP. EARLY	2.43
OVERALL MEAN		2.061
STANDARD ERROR		1.116
LSD 5%		3.197
LSD 1%		4.273
PROB. OF F		0.2303
COEF. OF VARIATION		108.288

EVT-ESR/RUVT-1

COOPERATOR : IITA

LOCATION : IKENNE B SEASON (NIGERIA)

No OF REPS = 4 No OF ENTRIES = 14

Table 1-22

	ENTRY	YIELD	PL.ST	DY.SR	E.HT	PL.HT	P.HARV	E.HARV	E.ROT	MOIST	%RL
10	EV.8730-SR BC6	2857.61	41.75	48.00	90.00	185.00	39.25	36.25	2.25	21.15	62.33
11	EV.8731-SR BC6	2768.01	41.25	48.00	95.00	201.25	38.25	36.50	2.63	21.67	37.69
2	ACR.88 POOL 16DR	2390.31	40.75	47.25	81.25	180.00	37.25	33.75	2.75	19.27	43.92
3	FBA.88 POOL 16DR	2369.23	41.75	47.00	87.50	181.25	35.75	34.25	3.13	20.08	36.42
14	LOCAL CHECK	2362.98	42.50	47.50	80.00	166.25	36.00	34.75	2.75	18.77	44.11
1	ACR.86 POOL 16DR	2345.81	41.25	46.25	85.00	176.25	36.75	31.50	2.75	21.60	41.74
4	KAM.88 POOL 16DR	2313.78	43.50	47.25	87.50	175.00	38.50	35.00	3.25	20.55	47.55
6	TZE COMP 3x4 C0	2225.86	41.75	48.50	75.00	181.25	34.75	31.25	2.25	20.27	51.22
8	DMR-ESRY	2216.62	40.00	49.50	91.25	186.25	38.00	33.00	2.75	21.33	47.14
7	DMR-ESRW	2180.02	42.25	47.75	95.00	177.50	37.25	33.75	2.50	19.52	42.88
13	SAFITA-2 (RE)	1930.33	43.00	47.25	86.25	178.75	35.50	33.00	3.75	21.48	39.68
12	ACR.87 POOL 16SR	1698.46	41.50	45.75	77.50	171.25	36.00	30.00	3.75	19.58	22.78
9	TZESR-W SE	1595.90	43.46	47.92	88.49	178.56	39.37	35.12	4.74	20.08	54.08
5	DR COMP. EARLY	1152.52	42.00	46.00	92.50	186.25	35.50	27.25	4.50	20.75	50.18
OVERALL MEAN		2171.996	41.908	47.423	86.589	180.343	37.008	33.241	3.125	20.436	44.410
STANDARD ERROR		161.741	1.230	0.340	4.193	5.687	1.700	2.115	0.351	0.904	8.721
LSD 5%		463.811	3.527	0.975	12.024	16.308	4.875	6.065	1.006	2.593	25.008
LSD 1%		620.230	4.716	1.304	16.079	21.807	6.519	8.111	1.346	3.468	33.442
PROB. OF F		0.0000	0.8006	0.0000	0.0284	0.0407	0.6887	0.1874	0.0000	0.4142	0.3632
COEF. OF VARIATION		14.893	5.869	1.434	9.685	6.307	9.187	12.726	22.460	8.851	39.274

	ENTRY	%SL
10	EV.8730-SR BC6	12.84
11	EV.8731-SR BC6	40.56
2	ACR.88 POOL 16DR	29.10
3	FBA.88 POOL 16DR	36.72
14	LOCAL CHECK	28.84
1	ACR.86 POOL 16DR	30.47
4	KAM.88 POOL 16DR	39.49
6	TZE COMP 3x4 C0	25.89
8	DMR-ESRY	31.38
7	DMR-ESRW	34.28
13	SAFITA-2 (RE)	36.43
12	ACR.87 POOL 16SR	36.49
9	TZESR-W SE	10.23
5	DR COMP. EARLY	26.43
OVERALL MEAN		29.940
STANDARD ERROR		6.990
LSD 5%		20.046
LSD 1%		26.806
PROB. OF F		0.1058
COEF. OF VARIATION		46.697

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : K.A. ELEMO

Table 1-23

LOCATION : MINJIBIR (NIGERIA)

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	MOIST	%RL
12	ACR. 87 PL16-SR	2899.73	49.25	45.00	171.25	77.50	1.75	0.25	38.50	9.15	4.49
4	KAMB. 88 PL16-DR	2204.78	50.25	46.25	207.50	106.75	2.75	2.25	44.50	9.07	6.16
9	TZESRW-SE	2122.77	49.50	44.75	179.50	88.75	1.50	7.25	42.25	9.23	3.45
14	Local Check	2118.01	49.75	41.75	178.75	93.75	5.25	5.00	39.00	9.43	14.40
8	DMR-ESRY	2017.09	49.00	44.75	196.25	107.50	4.75	1.25	36.75	9.35	14.97
6	TZE COMP. 3x4 F3	1794.88	54.25	45.25	168.75	72.50	2.00	0.00	36.00	8.98	7.14
7	DMR-ESRW	1788.46	49.50	46.50	191.25	106.25	4.50	1.75	43.00	9.25	10.28
1	ACR. 86 PL16-DR	1785.61	49.50	44.50	180.00	85.00	4.50	0.00	40.00	9.27	10.89
5	DR COMP EARLY	1625.58	48.75	46.00	170.00	73.75	1.75	2.25	38.25	9.55	4.41
13	SAFITA-2 RE	1477.68	51.00	44.00	176.25	80.00	4.75	1.50	39.75	9.10	12.52
11	EV 8731-SR BC6	1477.54	50.25	44.75	192.50	87.50	2.75	0.50	39.75	9.20	7.05
2	ACR. 88 PL16-DR	1266.67	49.75	36.75	185.00	88.75	0.25	2.25	32.25	8.73	0.83
10	EV 8730-SR BC6	1116.92	52.00	44.50	170.00	75.00	3.00	1.25	35.75	8.93	7.98
3	FAR. 88 PL16-DR	1056.28	51.50	39.50	171.25	85.00	4.00	0.00	34.75	8.77	11.92
	OVERALL MEAN	1768.000	50.304	43.875	181.304	87.714	3.107	1.821	38.607	9.143	8.321
	STANDARD ERROR	264.607	1.028	1.952	8.221	6.750	1.348	1.361	2.487	0.220	4.143
	LSD 5%	758.154	2.946	5.594	23.556	19.340	3.863	3.900	7.126	0.630	11.870
	PROB. OF F	0.0013	0.0422	0.0511	0.0422	0.0024	0.2576	0.0233	0.0757	0.3542	0.4081
	COEF. OF VARIATION	29.933	4.088	8.900	9.069	15.391	86.795	149.471	12.885	4.810	99.582

	ENTRY	%SL
12	ACR. 87 PL16-SR	0.56
4	KAMB. 88 PL16-DR	5.05
9	TZESRW-SE	17.93
14	Local Check	12.14
8	DMR-ESRY	3.20
6	TZE COMP. 3x4 F3	0.00
7	DMR-ESRW	4.25
1	ACR. 86 PL16-DR	0.00
5	DR COMP EARLY	6.30
13	SAFITA-2 RE	3.33
11	EV 8731-SR BC6	1.39
2	ACR. 88 PL16-DR	6.39
10	EV 8730-SR BC6	3.62
3	FAR. 88 PL16-DR	0.00
	OVERALL MEAN	4.584
	STANDARD ERROR	3.389
	LSD 5%	9.711
	PROB. OF F	0.0256
	COEF. OF VARIATION	147.883

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : BUREAU RECHERCHE AGRONOMIQUE

Table 1-24

LOCATION : DOUGUI (TCHAD)

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.HT	E.HARV	MOIST	DWT
14	Local Check	2852.72	42.75	131.00	26.75	26.64	1.25
12	ACR. 87 PL16-SR	2837.04	45.50	147.50	27.00	35.57	1.26
5	DR COMP EARLY	2710.17	44.00	138.50	25.75	33.41	1.14
1	ACR. 86 PL16-DR	2508.57	44.00	135.75	25.75	35.40	1.06
6	TZE COMP. 3x4 F3	1928.93	44.25	130.00	25.25	35.83	0.90
2	ACR. 88 PL16-DR	1853.93	46.00	138.75	27.25	38.18	0.81
13	SAFITA-2 RE	1688.47	46.00	147.75	20.50	37.91	0.74
7	DMR-ESRW	1467.89	44.50	165.50	21.00	32.40	0.73
11	EV 8731-SR BC6	1198.16	43.25	140.75	21.25	38.11	0.52
3	FAR. 88 PL16-DR	1198.08	45.00	131.25	16.00	34.89	0.52
10	EV 8730-SR BC6	1002.62	43.75	137.25	16.00	42.14	0.44
4	KAMB. 88 PL16-DR	987.04	45.00	133.25	16.50	32.33	0.43
9	TZESRW-SE	982.99	43.00	144.25	12.00	40.64	0.46
8	DMR-ESRY	799.17	46.00	138.00	14.75	41.47	0.45
OVERALL MEAN		1715.414	44.500	139.964	21.125	36.066	0.766
STANDARD ERROR		364.865	1.476	9.147	3.757	3.955	0.167
LSD 5%		1045.414	4.228	26.207	10.764	11.331	0.478
LSD 1%		1397.277	5.651	35.027	14.387	15.145	0.639
PROB. OF F		0.0002	0.8595	0.4429	0.0511	0.3838	0.0013
COEF. OF VARIATION		42.540	6.632	13.070	35.568	21.931	43.564

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : BUREAU RECHERCHE AGRONOMIQUE

Table 1-25

LOCATION : GASSI (TCHAD)

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST	DWT
5	DR COMP EARLY	4438.36	49.50	173.75	67.50	0.25	1.50	36.25	38.50	38.25	4406.25
3	FAR. 88 PL16-DR	4162.13	49.25	196.25	76.25	0.00	1.25	34.50	38.75	37.07	3647.50
6	TZE COMP. 3x4 F3	4090.86	47.50	195.00	83.75	0.00	0.50	34.75	38.25	40.01	3585.00
7	DMR-ESRW	3919.67	50.00	221.25	93.75	0.00	1.00	41.50	43.50	38.68	3435.00
1	ACR. 86 PL16-DR	3905.44	48.50	191.25	78.75	0.25	1.00	38.50	41.25	43.32	3422.50
4	KAMB. 88 PL16-DR	3591.65	51.50	191.25	81.25	0.00	0.50	35.25	41.75	42.56	3147.50
8	DMR-ESRY	3539.89	50.25	205.00	86.25	0.00	0.50	31.75	34.50	41.12	3165.75
13	SAFITA-2 RE	3396.14	49.25	197.50	83.75	0.25	1.00	38.50	40.50	41.71	2976.25
11	EV 8731-SR BC6	3329.06	49.25	215.00	92.50	0.00	0.75	33.25	34.75	44.24	2917.50
10	EV 8730-SR BC6	3222.87	51.25	210.00	87.50	0.00	0.25	29.75	31.00	37.63	2699.00
9	TZESRW-SE	3194.66	49.00	205.00	83.75	0.25	0.75	31.25	31.75	41.24	2932.25
2	ACR. 88 PL16-DR	3135.13	49.75	186.25	72.50	0.00	0.75	38.50	39.00	43.46	2747.50
12	ACR. 87 PL16-SR	2939.68	48.25	176.25	72.50	0.00	1.00	34.50	36.00	39.92	2576.25
14	Local Check	2778.68	54.00	233.75	105.00	0.25	0.25	33.50	35.00	49.49	2435.25
	OVERALL MEAN	3546.051	49.804	199.821	83.214	0.089	0.786	35.125	37.464	41.335	3149.536
	STANDARD ERROR	461.996	1.611	9.439	6.250	0.151	0.343	3.694	3.933	2.203	427.733
	LSD 5%	1323.714	4.615	27.044	17.906	0.432	0.983	10.583	11.268	6.312	1225.541
	LSD 1%	1769.246	6.169	36.147	23.933	0.578	1.314	14.145	15.061	8.437	1638.031
	PROB. OF F	0.3564	0.4654	0.0030	0.0150	0.7713	0.3631	0.6748	0.5516	0.0307	0.1709
	COEF. OF VARIATION	26.097	6.469	9.447	15.020	338.079	87.318	21.032	20.994	10.659	27.162

	ENTRY	%RL	%SL
5	DR COMP EARLY	0.51	4.53
3	FAR. 88 PL16-DR	0.00	3.44
6	TZE COMP. 3x4 F3	0.00	1.58
7	DMR-ESRW	0.00	2.43
1	ACR. 86 PL16-DR	0.60	2.83
4	KAMB. 88 PL16-DR	0.00	1.43
8	DMR-ESRY	0.00	1.36
13	SAFITA-2 RE	0.74	2.70
11	EV 8731-SR BC6	0.00	2.60
10	EV 8730-SR BC6	0.00	0.71
9	TZESRW-SE	0.69	2.07
2	ACR. 88 PL16-DR	0.00	1.96
12	ACR. 87 PL16-SR	0.00	2.78
14	Local Check	0.71	0.66
	OVERALL MEAN	0.232	2.220
	STANDARD ERROR	0.395	1.026
	LSD 5%	1.131	2.940
	LSD 1%	1.512	3.930
	PROB. OF F	0.7633	0.4195
	COEF. OF VARIATION	340.328	92.468

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : H.RENEAUD/P.TOKY

LOCATION : BROUKOU- TOGO

No OF REPS = 4 No OF ENTRIES = 14

Table 1-26

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.STREAK
14	Local Check	8197.06	55.25	51.00	205.25	100.50	1.25	4.00	49.50	45.00	1.25
7	DMR-ESRW	7276.30	50.75	51.50	211.25	108.50	0.00	2.75	49.50	47.25	0.75
11	EV 8731-SR BC6	7116.27	50.50	50.50	216.50	104.25	0.75	1.25	49.00	46.00	0.00
3	FAR. 88 PL16-DR	6906.54	49.75	49.75	193.25	91.75	0.00	0.25	49.75	48.75	1.50
6	TZE COMP. 3x4 F3	6750.16	50.00	51.25	202.50	95.25	0.00	3.50	50.50	49.00	0.75
4	KAMB. 88 PL16-DR	6627.71	50.50	51.25	200.50	99.00	2.25	2.00	49.75	48.25	1.00
10	EV 8730-SR BC6	6626.50	50.75	48.25	211.25	111.00	1.50	7.50	47.25	45.50	1.00
1	ACR. 86 PL16-DR	6546.49	49.75	51.50	198.75	96.50	0.00	2.25	49.75	49.50	2.50
12	ACR. 87 PL16-SR	6528.30	49.25	50.50	186.50	92.00	0.00	0.00	50.00	47.75	1.75
2	ACR. 88 PL16-DR	6495.57	49.25	51.50	201.00	101.50	0.75	1.25	49.75	47.50	3.00
5	DR COMP EARLY	6430.11	47.50	51.25	183.75	84.25	0.50	2.75	50.00	42.50	7.00
8	DMR-ESRY	6347.67	52.50	49.00	216.00	111.00	1.00	1.50	47.25	44.75	1.00
13	SAFITA-2 RE	5654.23	51.25	51.50	184.00	90.25	1.25	1.75	47.50	44.00	12.75
9	TZESRW-SE	5389.94	52.00	51.25	206.75	95.25	0.75	1.50	49.50	45.50	0.75
	OVERALL MEAN	6635.246	50.643	50.714	201.232	98.643	0.714	2.304	49.214	46.518	2.500
	STANDARD ERROR	232.448	0.445	1.062	5.042	4.226	0.728	1.160	1.445	1.560	1.058
	LSD 5%	666.010	1.274	3.041	14.445	12.109	2.085	3.324	4.141	4.470	3.033
	LSD 1%	890.174	1.703	4.065	19.307	16.185	2.787	4.442	5.535	5.975	4.054
	PROB. OF F	0.0000	0.0000	0.5257	0.0001	0.0009	0.5558	0.0111	0.8762	0.0822	0.0000
	COEF. OF VARIATION	7.006	1.756	4.186	5.011	8.569	203.797	100.712	5.874	6.708	84.680

	ENTRY	DWT	%RL	%SL
14	Local Check	6.95	2.61	8.11
7	DMR-ESRW	6.35	0.00	5.53
11	EV 8731-SR BC6	6.20	1.44	2.63
3	FAR. 88 PL16-DR	6.05	0.00	0.48
6	TZE COMP. 3x4 F3	5.78	0.00	6.94
4	KAMB. 88 PL16-DR	5.85	4.61	3.94
10	EV 8730-SR BC6	5.80	3.01	15.28
1	ACR. 86 PL16-DR	5.72	0.00	4.89
12	ACR. 87 PL16-SR	5.78	0.00	0.00
2	ACR. 88 PL16-DR	5.68	1.60	2.66
5	DR COMP EARLY	4.97	1.02	5.49
8	DMR-ESRY	5.70	2.44	3.27
13	SAFITA-2 RE	5.00	2.87	3.67
9	TZESRW-SE	4.80	1.53	3.00
	OVERALL MEAN	5.759	1.509	4.707
	STANDARD ERROR	0.200	1.563	2.390
	LSD 5%	0.574	4.478	6.847
	LSD 1%	0.767	5.986	9.152
	PROB. OF F	0.0000	0.5947	0.0140
	COEF. OF VARIATION	6.953	207.170	101.553

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : H.RENEAUD/P.TOKY

Table 1-27

LOCATION : TANTIEGOU - TOGO

No OF REPS = 4 No OF ENTRIES = 14

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.STREAK
11	EV 8731-SR BC6	5479.65	50.25	51.75	170.25	68.75	1.00	0.75	50.00	49.25	0.00
6	TZE COMP. 3x4 F3	5455.41	51.50	50.50	167.50	66.00	1.25	1.00	49.50	49.75	0.25
8	DMR-ESRY	5334.17	51.00	50.75	171.75	75.25	2.75	1.00	48.75	48.50	2.00
10	EV 8730-SR BC6	5285.68	54.50	51.50	171.25	70.50	1.00	1.25	50.50	48.75	0.00
7	DMR-ESRW	5261.44	51.75	50.50	164.75	67.75	0.75	1.50	49.25	48.75	0.25
9	TZESRW-SE	5237.19	51.75	51.25	168.75	72.25	0.75	2.00	49.50	48.75	0.25
3	FAR. 88 PL16-DR	4752.26	50.25	51.00	157.00	60.75	0.50	2.50	48.75	48.00	2.00
2	ACR. 88 PL16-DR	4655.28	50.75	50.75	155.25	57.00	2.00	1.00	49.00	48.50	1.25
5	DR COMP EARLY	4606.79	51.25	50.75	168.25	64.00	2.00	1.75	50.25	49.75	0.25
13	SAFITA-2 RE	4388.57	51.00	50.75	154.00	56.75	1.25	0.50	48.50	48.50	0.25
12	ACR. 87 PL16-SR	4170.36	50.25	50.25	158.50	62.00	2.25	1.75	50.25	49.00	0.00
4	KAMB. 88 PL16-DR	4170.36	50.75	50.50	161.25	65.25	2.00	1.25	47.25	47.75	0.25
14	CK-JAUNE DE GONDO	4097.62	48.50	51.00	173.00	72.50	1.25	1.75	50.50	48.00	6.50
1	ACR. 86 PL16-DR	3952.14	48.75	50.50	152.25	51.50	2.00	2.00	49.00	49.50	1.50
OVERALL MEAN		4774.779	50.875	50.839	163.839	65.018	1.482	1.429	49.357	48.768	1.054
STANDARD ERROR		131.805	0.851	0.526	2.134	2.156	0.570	0.567	0.860	0.634	0.440
LSD 5%		377.649	2.438	1.508	6.113	6.178	1.632	1.626	2.464	1.817	1.261
LSD 1%		504.757	3.259	2.015	8.171	8.257	2.182	2.173	3.293	2.429	1.685
PROB. OF F		0.0000	0.0061	0.8001	0.0000	0.0000	0.2002	0.4973	0.3667	0.4777	0.0000
COEF. OF VARIATION		5.521	3.346	2.070	2.604	6.632	76.871	79.429	3.484	2.601	83.518

	ENTRY	DWT	%RL	%SL
11	EV 8731-SR BC6	4.78	2.01	1.46
6	TZE COMP. 3x4 F3	4.60	2.50	2.06
8	DMR-ESRY	4.30	5.66	2.10
10	EV 8730-SR BC6	4.22	1.96	2.48
7	DMR-ESRW	4.45	1.50	3.03
9	TZESRW-SE	4.30	1.52	4.03
3	FAR. 88 PL16-DR	3.88	1.02	5.17
2	ACR. 88 PL16-DR	3.83	4.09	2.00
5	DR COMP EARLY	3.70	3.96	3.40
13	SAFITA-2 RE	3.67	2.58	1.04
12	ACR. 87 PL16-SR	3.42	4.46	3.49
4	KAMB. 88 PL16-DR	3.45	4.28	2.62
14	CK-JAUNE DE GONDO	3.28	2.48	3.46
1	ACR. 86 PL16-DR	3.00	4.03	4.11
OVERALL MEAN		3.920	3.004	2.890
STANDARD ERROR		0.113	1.143	1.140
LSD 5%		0.322	3.274	3.267
LSD 1%		0.431	4.376	4.367
PROB. OF F		0.0000	0.1689	0.4783
COEF. OF VARIATION		5.741	76.078	78.912

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : DOSSOU ROMUALD

LOCATION : ANGARADEBOU-BENIN

No OF REPS = 4 No OF ENTRIES = 13

Table 2-1

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
6	TZESR-WxGUA 314	1396.37	50.00	26.00	122.50	40.50	0.50	1.50	26.50	25.00	0.50
2	CPS Early	1193.74	48.25	28.75	99.75	33.75	1.50	5.75	28.50	22.00	0.50
13	Check-KITO	1184.36	50.00	24.00	132.75	46.25	1.50	3.25	23.75	22.00	0.00
12	TZEF-Y	1143.57	49.50	30.75	114.75	46.50	4.75	5.00	30.00	19.75	1.00
3	CPSxL.Rayitiri	1010.68	49.50	23.50	118.75	34.00	2.00	3.25	23.25	19.00	0.50
5	Pop30xGUA 314	877.40	48.00	23.00	119.00	40.25	2.00	3.75	22.50	21.25	0.50
11	TZEE-Yellow Pool	783.33	47.25	29.25	109.50	44.50	1.25	4.25	28.25	23.75	0.00
1	ACR 8131xJFS	756.23	48.25	23.75	101.00	31.25	4.25	4.25	23.25	15.75	0.25
9	TZEE_White Pool	753.09	47.50	22.50	106.75	42.25	1.50	4.25	22.50	19.00	0.25
7	TZEE-W-1	671.99	49.00	33.50	104.25	41.50	2.25	6.00	32.75	21.25	0.25
8	TZEE-W-2	649.46	48.25	25.50	102.50	37.00	3.25	3.75	25.25	20.00	0.00
4	Pool27xGUA 314	623.56	48.75	24.50	103.75	36.50	1.50	5.25	26.50	17.25	0.50
10	TZEE-Y	467.18	47.00	24.00	101.75	29.25	2.25	5.75	23.25	16.75	0.25
	OVERALL MEAN	885.458	48.558	26.077	110.538	38.731	2.192	4.308	25.865	20.212	0.346
	STANDARD ERROR	206.930	0.738	2.783	5.722	5.557	0.693	1.206	2.596	2.648	0.316
	LSD 5%	594.486	2.120	7.994	16.440	15.966	1.990	3.463	7.459	7.608	0.908
	LSD 1%	795.840	2.838	10.701	22.008	21.373	2.664	4.636	9.985	10.184	1.216
	PROB. OF F	0.0889	0.0783	0.1672	0.0037	0.4549	0.0046	0.3912	0.1493	0.4326	0.6610
	COEF. OF VARIATION	46.740	3.039	21.341	10.354	28.698	63.203	55.970	20.075	26.204	182.612

	ENTRY	MOIST	DISEA.R	DISEA.C	DISEA.H	DISEA.S	%RL	%SL	%E.ROT
6	TZESR-WxGUA 314	10.64	2.00	1.17	1.05	1.05	1.61	6.25	1.87
2	CPS Early	8.76	2.00	1.45	1.00	1.55	4.95	19.59	2.31
13	Local Check	9.55	2.00	1.67	1.17	1.33	7.32	14.21	0.00
12	TZEF-Y	9.00	2.03	1.40	1.00	1.52	14.85	16.98	5.57
3	CPSxL.Rayitiri	9.20	2.17	1.02	1.00	1.88	8.87	13.18	2.09
5	Pop30xGUA 314	9.49	2.00	1.25	1.13	1.50	8.96	17.75	2.00
11	TZEE-Yellow Pool	8.44	2.10	1.42	1.02	1.52	4.64	13.96	0.00
1	ACR 8131xJFS	8.63	2.17	1.30	1.00	1.30	18.94	18.07	2.50
9	TZEE_White Pool	8.81	2.00	1.25	1.08	1.10	6.72	19.34	1.19
7	TZEE-W-1	9.32	2.00	1.55	1.05	1.33	7.03	17.55	2.08
8	TZEE-W-2	8.90	2.03	1.15	1.05	1.20	12.38	14.38	0.00
4	Pool27xGUA 314	8.91	2.03	1.30	1.00	1.50	6.74	20.07	2.38
10	TZEE-Y	8.93	2.53	1.45	1.00	1.00	10.70	23.44	1.92
	OVERALL MEAN	9.121	2.081	1.338	1.042	1.367	8.747	16.520	1.839
	STANDARD ERROR	0.287	0.080	0.180	0.047	0.156	2.743	3.864	1.704
	LSD 5%	0.824	0.230	0.517	0.136	0.449	7.880	11.100	4.894
	LSD 1%	1.103	0.308	0.692	0.182	0.601	10.549	14.860	6.552
	PROB. OF F	0.0009	0.0020	0.5016	0.2293	0.0185	0.0082	0.3164	0.7088
	COEF. OF VARIATION	6.290	7.688	26.883	9.099	22.839	62.718	46.775	185.227

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : DOSSCU-ROMUALD

LOCATION : GLENE-BENIN

No OF REPS = 4 No OF ENTRIES = 13

Table 2-2

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST
12	TZEE-Y	2903.35	46.75	50.25	145.00	71.25	0.75	3.25	49.50	51.00	19.66
11	TZEE-Yellow Pool	2679.48	43.50	49.25	142.50	60.00	0.25	4.50	49.50	49.75	16.89
13	Check-KITO	2587.37	47.75	50.25	160.00	62.50	0.00	4.75	48.00	47.50	23.70
4	Pool27xGUA 314	2437.56	46.00	47.00	132.50	62.50	1.25	4.75	48.25	51.75	15.44
2	CPS Early	2396.51	47.50	48.50	142.50	55.00	0.50	1.50	48.00	47.00	21.42
6	TZESR-WxGUA 314	2336.91	48.50	56.25	147.50	72.50	0.50	1.75	48.25	46.75	19.58
5	Pop30xGUA 314	2223.94	46.25	50.50	137.50	57.50	0.25	3.50	50.50	48.75	17.83
7	TZEE-W-1	2170.85	45.25	50.75	125.00	60.00	0.00	9.50	49.75	48.00	13.40
3	CPSxL.Rayitiri	2153.37	47.25	49.75	132.50	56.25	0.50	7.75	48.25	45.25	18.56
1	ACR 8131xJFS	2088.06	47.75	44.75	150.00	50.00	0.00	4.25	44.50	40.25	15.77
9	TZEE_white Pool	2045.81	44.75	51.25	125.00	65.00	1.00	6.00	49.25	48.50	14.51
8	TZEE-W-2	2032.52	45.50	50.00	120.00	52.50	0.00	3.50	47.25	46.50	17.06
10	TZEE-Y	2028.33	42.50	49.25	115.00	29.00	0.00	3.75	48.50	48.50	17.31
OVERALL MEAN		2314.235	46.096	49.827	136.538	58.000	0.385	4.519	48.423	47.654	17.780
STANDARD ERROR		230.998	0.531	1.996	7.971	6.162	0.352	1.481	0.989	2.310	1.651
LSD 5%		663.628	1.526	5.735	22.901	17.702	1.011	4.254	2.842	6.637	4.744
LSD 1%		888.401	2.043	7.677	30.657	23.698	1.354	5.695	3.805	8.885	6.351
PROB. OF F		0.1970	0.0000	0.1086	0.0114	0.0039	0.2125	0.0315	0.0309	0.1568	0.0059
COEF. OF VARIATION		19.963	2.305	8.012	11.676	21.248	183.040	65.530	4.086	9.696	18.575

	ENTRY	DISEA.R	DISEA.H	DISEA.S	DISEA.C	%RL	%SL
12	TZEE-Y	2.00	1.00	1.25	1.15	1.61	6.57
11	TZEE-Yellow Pool	2.00	1.20	1.08	1.35	0.52	9.14
13	Check-KITO	2.00	1.17	1.15	1.45	0.00	9.96
4	Pool27xGUA 314	2.00	1.05	1.42	1.35	2.50	9.94
2	CPS Early	2.00	1.00	1.15	1.45	1.08	3.07
6	TZESR-WxGUA 314	2.00	1.02	1.00	1.05	1.00	3.69
5	Pop30xGUA 314	2.00	1.33	1.55	1.15	0.48	6.90
7	TZEE-W-1	1.83	1.35	1.08	1.45	0.00	19.11
3	CPSxL.Rayitiri	2.00	1.33	1.02	1.17	1.09	16.11
1	ACR 8131xJFS	2.00	1.20	1.10	1.10	0.00	9.44
9	TZEE_White Pool	2.00	1.27	1.05	1.10	2.11	12.43
8	TZEE-W-2	2.00	1.10	1.60	1.35	0.00	7.39
10	TZEE-Y	2.00	1.15	1.10	1.65	0.00	7.80
OVERALL MEAN		1.987	1.167	1.196	1.290	0.799	9.35
STANDARD ERROR		0.049	0.129	0.120	0.150	0.735	3.09
LSD 5%		0.139	0.371	0.345	0.430	2.111	8.89
LSD 1%		0.187	0.497	0.461	0.575	2.826	11.90
PROB. OF F		0.4684	0.5050	0.0082	0.1737	0.2283	0.041
COEF. OF VARIATION		4.886	22.137	20.054	23.174	184.036	66.20

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : SANOU JACOB

LOCATION : FARAKO-BA (BURKINA FASO)

Table 2-3

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
6	TZESR-WxGUA 314	3852.64	54.50	39.75	166.50	83.00	0.65	0.63	38.75	42.50	0.75
2	CPS Early	3309.72	50.00	43.50	140.50	49.75	0.57	0.57	43.00	43.75	0.50
12	TZEF-Y	2948.65	51.75	42.50	155.75	58.50	1.17	2.92	42.00	43.00	0.00
5	Pop30xGUA 314	2901.31	48.00	43.25	148.50	58.25	1.75	4.68	42.50	43.25	0.00
3	CPSxL.Rayitiri	2837.48	53.00	42.00	157.50	57.25	2.38	1.83	41.00	42.00	0.25
4	Pool27xGUA 314	2780.66	47.75	42.75	137.25	55.50	3.00	3.60	41.50	42.00	0.00
7	TZEE-W-1	2498.77	47.50	42.00	135.75	56.50	4.53	4.10	42.50	44.00	0.00
9	TZEE_White Pool	2439.97	47.00	37.50	140.75	55.00	6.60	8.75	35.50	40.50	0.25
1	ACR 8131xJFS	2187.94	50.25	42.50	162.50	65.00	5.05	8.90	40.50	40.75	0.00
13	Local Check	2181.03	52.50	38.25	164.75	63.75	6.70	8.82	34.50	32.25	0.00
8	TZEE-W-2	1952.70	47.75	42.75	135.50	51.00	4.68	6.28	42.75	41.25	0.00
11	TZEE-Yellow Pool	1861.00	49.00	41.25	135.00	47.00	9.25	1.33	37.75	35.00	1.00
10	TZEE-Y	1043.89	45.50	43.00	118.00	35.50	7.07	8.05	41.00	25.00	0.25
OVERALL MEAN		2522.751	49.577	41.615	146.019	56.615	4.108	4.650	40.250	39.635	0.231
STANDARD ERROR		317.528	1.004	2.418	5.596	5.220	1.738	2.149	2.301	3.241	0.207
LSD 5%		912.219	2.885	6.946	16.078	14.998	4.993	6.173	6.611	9.311	0.594
PROB. OF F		0.0001	0.0000	0.7994	0.0000	0.0003	0.0150	0.0326	0.1783	0.0057	0.0149
COEF. OF VARIATION		25.173	4.051	11.619	7.665	18.442	84.614	92.414	11.435	16.354	179.161

	ENTRY	PP	HELM	STREAK	OTHER	%RL	%SL	%E.ROT
6	TZESR-WxGUA 314	2.38	1.25	0.00	33.75	1.71	1.60	1.89
2	CPS Early	2.88	1.88	0.00	34.75	1.34	1.34	1.16
12	TZEF-Y	4.13	2.75	0.00	34.50	2.80	6.93	0.00
5	Pop30xGUA 314	3.00	2.75	0.00	35.50	4.13	11.03	0.00
3	CPSxL.Rayitiri	3.00	1.75	1.00	31.25	5.65	4.49	0.58
4	Pool27xGUA 314	3.75	3.00	1.25	34.25	7.26	8.72	0.00
7	TZEE-W-1	4.00	2.50	0.25	36.75	10.37	9.67	0.00
9	TZEE_White Pool	3.25	2.50	0.25	30.25	15.96	25.86	0.54
1	ACR 8131xJFS	3.50	2.50	1.00	32.00	12.86	21.38	0.00
13	Local Check	3.75	2.38	1.00	29.25	21.27	30.51	0.00
8	TZEE-W-2	3.00	2.50	0.75	34.00	11.04	14.44	0.00
11	TZEE-Yellow Pool	3.50	2.63	1.25	26.75	24.85	3.47	2.99
10	TZEE-Y	3.88	3.00	0.00	17.00	16.84	19.06	1.14
OVERALL MEAN		3.385	2.413	0.519	31.538	10.469	12.193	0.639
STANDARD ERROR		0.307	0.252	0.554	2.795	4.500	6.010	0.589
LSD 5%		0.883	0.723	1.591	8.029	12.928	17.266	1.691
PROB. OF F		0.0080	0.0005	0.5565	0.0020	0.0075	0.0179	0.0157
COEF. OF VARIATION		18.170	20.861	213.291	17.722	85.974	98.587	184.195

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : SAFGRAD

Table 2-4

LOCATION : KAMBOINSE - TIED RIDGES (BURKINA - FASO)

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.ST	PL.AT	E.AT	RL	SL	P.HARV	E.HARV	N.E.ROT
6	TZESR-WxGUA 314	3215.11	47.00	45.50	147.50	67.50	16.00	1.25	38.75	44.50	1.00
12	TZEF-Y	2795.51	45.25	46.25	143.75	67.00	25.50	1.00	37.25	43.00	3.00
1	ACR 8131xJFS	2427.91	45.75	39.00	128.75	56.25	16.75	3.25	32.25	35.75	1.25
11	TZEE-Yellow Pool	2418.58	42.00	43.25	136.75	55.00	17.50	0.50	33.00	41.50	2.75
13	Local Check	2384.26	46.50	42.25	150.00	70.00	18.75	2.00	30.25	31.75	2.25
3	CPSxL.Rayitiri	2097.96	46.50	42.25	129.25	55.00	23.50	2.00	30.75	35.25	4.50
7	TZEE-W-1	1970.82	40.75	51.50	137.50	62.50	36.50	0.75	30.75	42.00	7.00
10	TZEE-Y	1940.18	40.50	35.50	126.75	51.25	15.75	0.75	26.25	36.00	4.25
2	CPS Early	1693.76	44.75	50.00	123.75	55.00	35.00	2.00	27.25	35.25	5.50
4	Pool27xGUA 314	1689.59	45.25	46.75	130.00	61.25	23.25	1.00	31.00	34.00	3.50
9	TZEE White Pool	1204.07	45.25	42.50	130.00	57.50	27.75	3.00	27.75	33.00	6.00
5	Pop30xGUA 314	1133.81	46.25	47.00	123.75	60.00	25.25	2.75	22.75	30.00	2.50
8	TZEE-W-2	910.35	44.75	36.25	119.25	52.50	20.25	2.00	17.75	24.00	2.75
	OVERALL MEAN	1990.916	44.654	43.692	132.846	59.288	23.212	1.712	29.673	35.846	3.558
	STANDARD ERROR	293.866	1.064	3.141	6.671	4.945	3.641	0.929	2.976	3.666	1.210
	LSD 5%	844.241	3.056	9.024	19.165	14.205	10.459	2.668	8.548	10.531	3.476
	PROB. OF F	0.0001	0.0004	0.0225	0.0473	0.1766	0.0018	0.4989	0.0017	0.0177	0.0311
	COEF. OF VARIATION	29.521	4.764	14.378	10.043	16.680	31.370	108.537	20.056	20.452	68.012

	ENTRY	MOIST	DY.SK	ANTH	P.ASP	N.P.HUSK	E.ASP	FANA	%RL	%SL	%E.ROT
6	TZESR-WxGUA 314	26.05	42.75	45.00	1.38	2.00	2.25	1.88	41.26	3.51	2.68
12	TZEF-Y	24.63	41.25	42.75	2.13	9.50	3.00	2.75	68.27	2.76	7.02
1	ACR 8131xJFS	23.20	41.75	43.50	2.50	10.50	2.75	2.75	51.30	10.14	3.53
11	TZEE-Yellow Pool	23.40	37.75	40.00	2.38	9.25	3.00	2.75	51.35	1.64	7.02
13	Local Check	23.10	43.25	45.00	2.13	6.00	3.50	3.13	67.12	6.37	7.43
3	CPSxL.Rayitiri	22.45	41.75	43.25	2.63	6.00	2.75	3.75	78.81	5.93	13.37
7	TZEE-W-1	17.98	37.25	38.25	3.50	6.00	2.50	3.38	126.90	2.76	16.52
10	TZEE-Y	22.58	35.75	38.25	2.50	6.75	3.25	3.13	61.73	2.65	10.88
2	CPS Early	20.77	41.00	42.00	2.88	4.25	2.50	3.75	127.98	7.79	17.25
4	Pool27xGUA 314	20.77	40.75	43.00	3.25	4.25	3.75	2.88	82.23	2.38	9.76
9	TZEE White Pool	20.60	40.00	41.75	3.75	3.75	4.00	3.50	100.64	11.83	18.84
5	Pop30xGUA 314	21.15	40.75	42.75	3.88	1.50	4.25	3.75	113.09	12.10	9.27
8	TZEE-W-2	18.35	40.75	43.00	4.25	2.25	4.25	3.75	120.35	12.74	11.32
	OVERALL MEAN	21.925	40.365	42.192	2.856	5.538	3.212	3.163	83.927	6.355	10.375
	STANDARD ERROR	1.238	0.831	0.849	0.413	1.874	0.450	0.357	16.493	3.748	3.624
	LSD 5%	3.555	2.387	2.438	1.185	5.384	1.292	1.025	47.382	10.768	10.412
	PROB. OF F	0.0019	0.0000	0.0000	0.0006	0.0198	0.0261	0.0174	0.0020	0.3066	0.0622
	COEF. OF VARIATION	11.289	4.117	4.023	28.893	67.679	28.003	22.554	39.303	117.968	69.863

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : SAFGRAD

Table 2-5

LOCATION : KAMBOINSE - **SIMPLES RIDGES (BURKINA FASO)**

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
12	TZEE-Y	1846.14	46.00	43.25	121.75	51.25	21.00	4.50	25.50	33.25	2.50
11	TZEE-Yellow Pool	1772.00	43.75	38.50	130.50	61.25	20.00	3.50	23.50	31.50	3.00
6	TZESR-WxGUA 314	1577.60	48.00	39.25	130.75	52.50	10.00	3.50	23.50	31.00	1.25
3	CPSxL.Rayitiri	1392.31	46.25	32.25	120.25	51.25	21.75	0.00	19.00	22.75	4.25
13	Local Check	1384.72	47.75	35.25	122.25	52.50	15.25	1.50	21.00	25.50	1.50
1	ACR 8131xJFS	1377.27	46.00	28.50	122.50	48.75	17.75	1.25	17.75	23.25	1.75
10	TZEE-Y	1359.39	42.75	43.25	118.75	50.00	23.25	1.25	23.00	31.00	4.00
2	CPS Early	1015.72	45.25	44.50	108.75	50.00	33.00	0.75	20.00	23.75	3.00
5	Pop30xGUA 314	797.38	44.00	41.50	102.75	55.00	26.25	0.75	17.75	21.50	3.00
8	TZEE-W-2	793.51	43.50	40.50	107.50	56.25	25.75	1.50	21.00	21.50	1.75
7	TZEE-W-1	771.34	45.50	39.00	113.25	50.00	24.50	2.25	16.00	23.25	3.00
9	TZEE_White Pool	757.05	45.25	43.75	106.50	50.00	22.00	3.00	22.00	24.25	2.00
4	Pool27xGUA 314	747.07	46.00	37.50	99.25	43.75	20.00	1.00	16.00	22.00	2.00
	OVERALL MEAN	1199.346	45.385	39.000	115.750	51.731	21.577	1.904	20.462	25.731	2.538
	STANDARD ERROR	322.515	0.839	4.253	7.988	5.095	3.606	0.794	4.880	4.923	0.860
	LSD 5%	926.546	2.411	12.219	22.950	14.636	10.361	2.282	14.019	14.142	2.471
	LSD 1%	1240.371	3.228	16.358	30.723	19.593	13.870	3.055	18.767	18.932	3.308
	PROB. OF F	0.1445	0.0018	0.2934	0.1276	0.7699	0.0209	0.0078	0.9602	0.6807	0.3330
	COEF. OF VARIATION	53.782	3.698	21.812	13.803	19.697	33.428	83.439	47.696	38.262	67.769

	ENTRY	MOIST	DY.SK	ANTH	P.ASP	N.P.HUSK	E.ASP	FANA	%RL	%SL	%E.ROT
12	TZEE-Y	23.98	43.25	45.00	2.50	3.75	3.25	3.63	91.96	20.43	8.14
11	TZEE-Yellow Pool	19.38	40.25	42.00	2.88	3.00	2.88	3.00	109.77	18.87	9.92
6	TZESR-WxGUA 314	23.42	46.00	47.00	3.00	1.25	2.88	3.25	54.30	16.02	4.36
3	CPSxL.Rayitiri	18.55	43.00	44.50	2.63	5.75	2.75	3.13	117.82	0.00	18.97
13	Local Check	19.95	44.75	46.25	3.00	7.75	3.13	3.25	119.57	9.30	6.40
1	ACR 8131xJFS	20.55	43.50	44.75	2.75	4.00	3.50	3.25	93.95	8.57	7.90
10	TZEE-Y	18.38	38.25	40.00	2.63	6.25	3.50	3.50	193.13	11.82	16.44
2	CPS Early	22.77	42.00	43.00	2.75	2.75	3.25	3.38	205.23	3.63	13.48
5	Pop30xGUA 314	19.19	40.50	41.75	2.88	0.25	3.50	3.50	205.18	4.80	27.46
8	TZEE-W-2	17.50	39.75	41.75	3.00	2.25	3.25	3.88	132.22	8.33	9.61
7	TZEE-W-1	18.37	43.00	44.00	3.38	0.75	3.25	4.13	359.33	26.35	16.22
9	TZEE_White Pool	16.55	41.75	43.00	3.25	2.00	3.63	3.75	129.58	17.69	10.51
4	Pool27xGUA 314	19.83	43.25	44.75	3.63	1.50	3.75	4.38	131.27	6.55	9.48
	OVERALL MEAN	19.878	42.250	43.673	2.942	3.173	3.269	3.538	149.486	11.719	12.223
	STANDARD ERROR	1.304	0.967	0.975	0.371	1.748	0.258	0.255	71.888	5.332	6.387
	LSD 5%	3.746	2.777	2.801	1.066	5.021	0.740	0.734	206.525	15.319	18.348
	LSD 1%	5.015	3.718	3.749	1.427	6.722	0.991	0.982	276.475	20.507	24.563
	PROB. OF F	0.0049	0.0001	0.0005	0.6950	0.1142	0.2080	0.0172	0.3450	0.0479	0.5081
	COEF. OF VARIATION	13.121	4.576	4.464	25.216	110.159	15.761	14.437	96.180	90.999	104.503

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : SANOU JACOB

LOCATION : SARIA (BURKINA-FASO)

Table 2-6

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	%RL
3	CPSxL.Rayitiri	4267.34	47.00	46.25	172.50	77.50	0.52	0.00	44.50	49.00	1.12
1	ACR 8131xJFS	3952.14	47.50	46.00	171.25	75.00	3.20	4.55	44.50	44.25	6.86
2	CPS Early	3758.17	45.75	46.25	145.00	65.00	1.10	1.10	45.00	43.25	2.44
7	TZEE-W-1	3709.68	43.50	45.00	158.75	71.25	2.30	3.08	42.00	48.25	5.29
6	TZESR-WxGUA 314	3467.21	50.00	43.25	173.75	81.25	1.70	3.83	39.75	44.75	3.92
12	TZEF-Y	3321.74	47.50	44.25	156.25	68.75	5.72	4.80	42.75	38.75	12.77
4	Pool27xGUA 314	3273.24	43.75	44.00	147.50	72.50	1.17	3.92	44.00	44.00	2.67
5	Pop30xGUA 314	3249.00	44.50	43.75	162.50	71.25	6.20	0.73	40.75	39.25	15.66
11	TZEE-Yellow Pool	3176.26	43.00	41.25	160.00	82.50	0.00	0.52	38.50	40.00	0.00
9	TZEE_White Pool	3176.26	43.00	44.00	156.25	75.00	2.25	4.63	42.25	44.50	5.30
8	TZEE-W-2	3127.77	42.50	44.00	161.25	78.75	7.45	3.13	39.75	41.25	18.59
13	Check JFS	2642.84	50.25	39.25	175.00	86.25	2.13	0.68	37.00	37.75	6.07
10	TZEE-Y	2594.35	43.50	39.50	140.00	55.00	3.85	8.23	35.75	40.75	9.90
OVERALL MEAN		3362.768	45.519	43.596	160.000	73.846	2.892	3.013	41.269	42.750	6.968
STANDARD ERROR		278.888	0.700	1.446	4.991	6.485	1.885	1.525	1.691	2.636	4.435
LSD 5%		801.211	2.012	4.153	14.339	18.632	5.417	4.382	4.858	7.572	12.742
LSD 1%		1072.585	2.694	5.560	19.196	24.942	7.251	5.866	6.503	10.137	17.058
PROB. OF F		0.0006	0.0000	0.0148	0.0001	0.1413	0.1725	0.0222	0.0040	0.0922	0.1201
COEF. OF VARIATION		16.587	3.078	6.632	6.239	17.565	130.379	101.235	8.195	12.331	127.305

	ENTRY	%SL
3	CPSxL.Rayitiri	0.00
1	ACR 8131xJFS	10.36
2	CPS Early	2.44
7	TZEE-W-1	7.67
6	TZESR-WxGUA 314	9.94
12	TZEF-Y	11.49
4	Pool27xGUA 314	8.71
5	Pop30xGUA 314	2.13
11	TZEE-Yellow Pool	1.28
9	TZEE_White Pool	11.15
8	TZEE-W-2	7.90
13	Check JFS	1.82
10	TZEE-Y	25.46
OVERALL MEAN		7.719
STANDARD ERROR		4.352
LSD 5%		12.502
LSD 1%		16.737
PROB. OF F		0.0205
COEF. OF VARIATION		112.759

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : CHARLES THE

LOCATION : MAROUA-CAMEROON

No OF REPS = 4 No OF ENTRIES = 13

Table 2-7

	ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST	%RL
3	CPSxL.Rayitiri	4714.61	44.75	177.80	68.30	5.75	1.75	51.25	49.75	12.50	11.14
1	ACR 8131xJFS	4675.90	44.50	174.15	67.95	4.75	1.25	51.75	46.00	12.30	9.34
11	TZEE-Yellow Pool	4674.53	43.00	179.10	67.82	4.00	1.25	50.75	48.00	12.85	7.78
7	TZEE-W-1	4495.65	41.75	165.10	71.20	5.00	2.75	52.00	53.75	11.95	9.60
4	Pool27xGUA 314	4467.87	42.75	164.50	64.90	4.00	0.50	51.25	49.25	11.50	7.89
12	TZEF-Y	4380.10	46.00	175.85	73.20	5.00	1.50	48.75	46.00	13.65	10.52
6	TZESR-WxGUA 314	4320.40	48.00	188.55	87.15	3.25	0.00	45.50	46.75	15.95	7.12
5	Pop30xGUA 314	4313.69	44.75	165.35	63.00	3.75	1.25	48.25	50.25	11.95	7.78
13	Local Check	4281.23	50.75	200.30	90.15	3.75	1.00	43.75	43.00	19.15	8.62
9	TZEE White Pool	3977.35	42.75	169.80	69.80	5.75	1.25	48.25	48.00	12.30	11.63
2	CPS Early	3944.07	45.75	161.75	63.35	3.25	0.75	47.25	42.75	16.15	7.25
8	TZEE-W-2	3875.63	43.75	148.85	58.20	6.00	3.00	53.00	49.75	10.60	11.57
10	TZEE-Y	3303.42	41.50	147.55	44.85	4.50	1.75	47.25	40.50	13.00	9.59
	OVERALL MEAN	4263.421	44.615	170.665	68.452	4.519	1.385	49.154	47.212	13.373	9.217
	STANDARD ERROR	387.735	1.013	5.918	3.651	1.056	0.765	1.740	2.416	0.447	2.300
	LSD 5%	1113.915	2.909	17.002	10.490	3.033	2.198	4.997	6.940	1.285	6.608
	LSD 1%	1491.203	3.895	22.760	14.043	4.060	2.943	6.690	9.291	1.721	8.847
	PROB. OF F	0.4193	0.0000	0.0000	0.0000	0.6492	0.3539	0.0150	0.0316	0.0000	0.9027
	COEF. OF VARIATION	18.189	4.540	6.935	10.669	46.722	110.523	7.078	10.234	6.692	49.911

	ENTRY	%SL
3	CPSxL.Rayitiri	3.38
1	ACR 8131xJFS	2.46
11	TZEE-Yellow Pool	2.51
7	TZEE-W-1	5.42
4	Pool27xGUA 314	0.98
12	TZEF-Y	2.95
6	TZESR-WxGUA 314	0.00
5	Pop30xGUA 314	2.47
13	Local Check	2.22
9	TZEE White Pool	2.46
2	CPS Early	1.49
8	TZEE-W-2	5.57
10	TZEE-Y	3.44
	OVERALL MEAN	2.719
	STANDARD ERROR	1.500
	LSD 5%	4.308
	LSD 1%	5.767
	PROB. OF F	0.4138
	COEF. OF VARIATION	110.288

RUVT EXTRA-EARLY 1990

COOPERATOR : CHARLES THE

LOCATION : SANGUERE (CAMEROON)

Table 2-8

No OF REPS = 4

No OF ENTRIES = 13

ENTRY	YIELD	50%SLK	PL.HT	E.HT	P.HARV	E.HARV	E. ROT	ST
13 LOCAL CHECK	6426	47	184	95	42	45	1	3
6 TZESR-W X GUA 314	6276	47	171	83	53	56	1	0
3 CSP X L. RAYTIRI	6259	43	167	85	50	54	7	2
1 ACR 8131 X JFS	5612	43	157	74	52	52	4	2
12 TZEF-Y	5367	43	164	84	50	52	4	2
2 CSP EARLY	5103	43	151	69	50	53	1	1
4 POOL 27 X GUA 314	5103	41	146	73	52	54	4	3
7 TZEE-W-1	4790	42	153	83	37	51	1	3
11 TZEE-Y POOL	4628	42	159	76	52	52	2	2
5 POP 30 X GUA 314	4507	42	155	82	49	49	2	2
9 TZEE-W POOL	4411	41	148	83	45	53	4	2
8 TZEE-W-2	4101	41	145	80	44	50	1	5
10 TZEE-Y	3299	39	135	66	44	48	4	2
OVERALL MEAN	5067.8	42.577	156.50	79.404	47.596	51.442	2.615	2.192
STANDARD ERROR	0.3687	0.2650	4.1591	3.5838	3.4003	2.0824	1.0526	1.1545
LSD 5%	1124	0.7602	11.93	10.28	9.752	5.972	3.018	3.11
PROB. OF F	0.0000	0.0000	0.0000	0.0002	0.050	0.0560	0.0034	0.4017
COEF. OF VARIATION	15.33	1.24	5.32	9.03	14.29	8.10	80.49	105.32

RUVT EXTRA-EARLY 1990

COOPERATOR : CHARLES THE

LOCATION : SOUCOUNDOU (CAMEROON)

Table 2-9

No. OF REPS. = 4 No OF ENTRIES = 13

ENTRY	YIELD	50%SLK	P.HT	E.HT	P.HARV	E.HARV	RL
6 TZESR-W X GUA 314	6805	48	185	86	56	51	7
12 TZEF-Y	6530	45	173	73	55	52	3
13 LOCAL CHECK	6242	49	192	95	49	49	8
11 TZEE-Y POOL	6181	42	178	73	51	50	6
2 CSP EARLY	6151	42	169	66	56	51	7
4 POOL 27 X GUA 314	5929	42	163	75	56	54	8
3 CSP X L. RAYTIRI	5908	45	181	77	55	52	9
9 TZEE-W POOL	5635	41	163	76	57	57	15
5 POP 30 X GUA 314	5590	41	180	82	54	52	10
1 ACR 8131 X JFS X L.R.	5479	43	178	77	54	51	6
8 TZEE-W-2	5338	41	169	63	56	50	11
7 TZEE-W-1	5231	41	169	75	53	52	9
10 TZEE-Y	5030	38	156	60	56	51	5
OVERALL MEAN	5849.92	42.904	173.404	76.635	54.280	51.538	7.865
STANDARD ERROR	0.2511	0.2532	5.1238	6.4357	1.3110	2.2473	2.0747
LSD 5%	765	0.7170	14.70	18.46	3.759	6.445	5.949
PROF OF F	0.0000	0.0000	0.0007	0.0785	0.0083	0.7629	0.0355
COEF OF VARIATION	9.13	1.18	5.91	16.80	4.83	8.72	52.76

RUVT EXTRA-EARLY 1990

COOPERATOR : GOTHARD BASSELE

LOCATION : BAMBARI (CENTRAL AFRICAN REPUBLIC)

Table 2-10

No OF REPS = 4 No OF ENTRIES = 13

ENTRY	YIELD	P.ST	P.HT	E.HT	P.HARV	E.HARV	TERM
4 POOL 27 X GUA 314	805	25	97	34	26	26	3.0
2 CSP EARLY	673	25	94	25	29	29	3.0
6 TZESR-W X GUA 314	623	26	115	41	28	28	3.0
1 ACR 8131 X JFS X L. R.	619	24	97	32	21	21	3.0
13 LOCAL CHECK	595	24	130	63	19	19	3.5
3 CSP X L. RAYTIRI	563	26	106	35	20	20	3.5
7 TZEE-W-1	560	26	98	36	22	22	3.0
11 TZEE-Y POOL	537	23	100	28	19	19	3.5
8 TZEE-W-2	518	22	94	33	22	22	3.5
12 TZEF-Y	483	25	99	33	19	19	3.0
9 TZEE-W POOL	468	26	99	34	21	21	3.5
5 POP 30 X GUA 314	448	26	106	41	19	19	3.0
10 TZEE-Y	300	25	84	22	18	18	3.5
OVERALL MEAN	553.2	24.53	101.25	34.98	21.65	21.65	3.40
STANDARD ERROR	0.0788	0.9971	5.2296	3.9253	2.5663	2.5663	0.2675
LSD 5%	242	2.857	15.00	11.26	7.36	7.36	0.7669
PROB. OF F	0.2018	0.1383	0.0002	0.0000	0.0494	0.0494	0.0000
COEF. OF VARIATION	31.08	8.13	10.33	22.44	23.70	23.70	15.72

RUVT EXTRA-EARLY 1990

COOPERATOR : ATTIEY KOFFI

LOCATION : BOUAKE (COTE D'IVOIRE) Table 2.11

No OF REPS = 4 No OF ENTRIES = 13

ENTRY	YIELD	P.ST	FM	50%SLK	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	E.ROT	R	HELM
6 TZESR.W X GUA 314	4640	47	51	52	191	94	10	16	47	45	2	2	3.5
2 CSP EARLY	4203	48	45	49	170	73	4	8	46	49	1	2	2.5
1 ACR. 8131 X JFS	3459	40	46	47	185	81	9	13	37	45	5	3	2.5
12 TZEF-Y	3410	48	44	49	188	81	2	20	47	48	8	2	3.0
5 POP X GUA 314	3175	45	46	47	178	83	9	17	43	48	5	2	3.0
3 CSP X L.RAYTIRI	3150	44	47	49	189	89	14	15	45	47	8	2	2.5
13 LOCAL CHEICK	3147	46	46	48	185	86	14	14	44	44	6	2	2.5
7 TZEE-W-1	3120	46	43	48	169	79	12	14	46	49	3	2	3.5
4 POOL 27 X GUA 314	3088	47	42	47	165	73	10	17	45	49	4	2	3.0
8 TZEE-W-2	3061	47	41	47	175	78	9	17	46	50	3	2	3.0
9 TZEE-W POOL	2955	47	41	46	170	85	11	17	44	47	2	2	3.0
11 TZEE-Y POOL	2608	47	44	47	178	78	13	12	44	43	7	2.5	2.5
10 TZEE-Y	1516	44	40	44	173	65	6	17	39	40	8	4	2.5
OVERALL MEAN	3195.50	45.78	44.09	47.42	177.98	80.19	9.36	15.13	44.84	46.28	4.75	2.36	2.96
STANDARD ERROR	0.1893	0.8854	0.8167	0.5326	3.9638	4.0833	3.0249	3.6118	1.8351	2.1471	1.5729	0.2131	0.2505
LSD 5%	904	2.537	2.339	1.524	11.37	11.71	8.676	10.36	5.263	4.634	4.510	0.6118	0.7185
PROB. OF F.	0.0000	0.0000	0.0000	0.0000	0.0001	0.0020	0.2254	0.0000	0.0222	0.0707	0.0293	0.0000	0.0859
COEF. OF VARIATION	12.64	3.87	3.70	2.25	4.45	10.18	64.60	47.73	8.37	9.28	66.23	18.02	16.92

RUVT-EARLY TRIAL

COOPERATOR : SETH AYEH

LOCATION : GARU - GHANA

No OF REPS = 4 No OF ENTRIES = 14

Table 2-12

	ENTRY	YIELD	DY.FL	PL.ST	PL.RT	E.RT	SL	P.HARV	E.HARV	DWT	%SL
10	EV 8730-SR BC6	1382.04	66.00	40.75	99.00	27.80	0.75	34.25	18.75	1.45	2.21
14	Local Check	1309.30	63.00	38.50	104.75	25.33	1.00	35.00	22.00	1.08	2.75
2	ACR. 88 PL16-DR	1260.81	64.25	34.75	103.00	37.75	0.00	31.25	18.25	1.15	0.00
5	DR COMP EARLY	1163.82	69.25	35.75	87.50	30.23	1.75	29.75	17.75	1.15	7.50
13	SAFITA-2 RE	1115.33	68.25	39.50	113.50	27.67	0.50	36.25	17.25	1.10	1.28
6	TZE COMP. 3x4 F3	1042.59	69.75	37.75	78.50	25.38	0.75	35.00	19.50	1.02	3.41
12	ACR. 87 PL16-SR	994.10	71.50	36.00	92.25	22.92	1.25	32.75	20.00	0.93	4.03
4	KAMB. 88 PL16-DR	921.36	63.25	35.00	93.75	25.45	1.00	33.50	15.00	0.90	3.08
11	EV 8731-SR BC6	897.11	68.75	35.50	59.50	13.07	0.50	31.00	11.50	0.90	1.67
7	DMR-ESRW	897.11	69.75	28.75	87.75	18.80	2.25	27.00	12.75	0.82	6.71
8	DMR-ESRY	872.86	69.00	36.75	82.75	30.38	1.00	27.00	9.75	0.93	3.28
3	FAR. 88 PL16-DR	751.63	69.25	38.50	100.50	33.03	0.00	35.00	12.75	0.75	0.00
9	TZESRW-SE	727.39	66.75	38.50	87.25	33.13	1.50	31.00	10.75	0.73	4.82
1	ACR. 86 PL16-DR	678.89	73.75	34.00	75.25	26.73	0.50	32.75	12.75	0.68	1.39
	OVERALL MEAN	1001.024	68.036	36.429	90.375	26.975	0.911	32.250	15.625	0.970	3.010
	STANDARD ERROR	184.619	3.483	3.107	14.998	6.352	0.751	2.978	3.150	0.181	2.529
	LSD 5%	528.971	9.979	8.902	42.973	18.200	2.152	8.532	9.026	0.519	7.247
	LSD 1%	707.011	13.338	11.898	57.437	24.326	2.876	11.404	12.065	0.694	9.686
	PROB. OF F	0.1890	0.6733	0.5522	0.6037	0.5149	0.7428	0.5084	0.1456	0.2530	0.6775
	COEF. OF VARIATION	36.886	10.238	17.058	33.191	47.097	164.924	18.467	40.325	37.395	168.070

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : NTJI COULIBALY

Table 2-13

LOCATION : KATIBOUGOU (MALI)

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST	%RL
10	TZEE-Y	4425.42	47.50	145.75	56.75	2.50	0.50	37.00	37.00	11.35	10.92
6	TZESR-WxGUA 314	4229.24	47.25	146.75	65.25	3.75	0.25	44.50	44.50	10.82	8.24
2	CPS Early	3956.99	46.00	132.00	49.75	2.50	0.50	48.00	49.00	11.35	5.35
9	TZEE White Pool	3731.63	47.00	126.00	47.25	6.00	1.00	44.75	45.00	11.45	13.16
3	CPSxL.Rayitiri	3606.78	45.50	123.00	49.00	6.25	0.50	48.50	48.75	11.02	13.66
13	Local Check	3549.76	47.50	121.75	49.25	1.50	0.75	44.25	44.50	11.00	3.64
1	ACR 8131xJFS	3506.91	45.75	136.25	52.00	3.25	0.25	44.75	46.25	11.15	8.18
12	TZEF-Y	3437.39	47.50	124.75	45.50	3.50	0.25	34.50	35.25	11.07	53.36
4	Pool27xGUA 314	3393.03	44.25	132.50	52.00	3.75	0.50	43.75	43.75	11.40	8.85
11	TZEE-Yellow Pool	3332.52	44.25	125.25	42.00	3.25	0.50	45.25	46.00	11.35	7.16
5	Pop30xGUA 314	3305.60	45.50	125.25	49.75	2.50	0.25	43.00	44.25	11.07	6.13
7	TZEE-W-1	3184.43	45.00	131.75	55.25	5.75	0.25	46.25	46.25	11.35	12.26
8	TZEE-W-2	3153.14	44.75	119.50	43.00	4.00	0.25	44.50	45.75	11.20	9.88
	OVERALL MEAN	3600.988	45.981	130.038	50.519	3.731	0.442	43.769	44.327	11.200	12.368
	STANDARD ERROR	422.499	1.219	7.066	5.178	1.031	0.239	4.367	4.593	0.122	12.991
	LSD 5%	1213.787	3.502	20.300	14.877	2.961	0.685	12.546	13.197	0.351	37.321
	PROB. OF F	0.5960	0.4350	0.1706	0.2078	0.0521	0.5167	0.6435	0.6923	0.0193	0.5087
	COEF. OF VARIATION	23.466	5.302	10.868	20.501	55.251	107.852	19.955	20.726	2.183	210.067

	ENTRY	% SL
10	TZEE-Y	6.76
6	TZESR-WxGUA 314	0.56
2	CPS Early	0.98
9	TZEE White Pool	2.24
3	CPSxL.Rayitiri	1.10
13	Local Check	1.90
1	ACR 8131xJFS	0.56
12	TZEF-Y	6.23
4	Pool27xGUA 314	1.16
11	TZEE-Yellow Pool	1.11
5	Pop30xGUA 314	0.60
7	TZEE-W-1	0.51
8	TZEE-W-2	0.52
	OVERALL MEAN	1.863
	STANDARD ERROR	2.177
	LSD 5%	6.255
	PROB. OF F	0.5079
	COEF. OF VARIATION	233.769

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : NTJI COULIBALY

Table 2-14

LOCATION : MASSANTOLA (MALI)

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST
1	ACR 8131xJFS	4097.54	44.00	45.00	159.25	63.50	0.00	0.00	40.25	40.75	11.38
3	CPSxL.Rayitiri	3392.92	45.25	46.50	154.00	55.50	0.00	0.00	41.75	43.25	11.25
12	TZEF-Y	3210.52	43.50	47.00	147.75	61.75	0.00	0.00	41.25	42.00	11.38
13	Local Check	3030.48	44.50	46.75	155.25	63.00	1.00	0.00	39.75	40.75	11.10
11	TZEE-Yellow Pool	2978.30	42.75	46.50	135.75	53.25	2.50	0.00	39.75	39.75	11.07
4	Pool27xGUA 314	2962.41	42.50	47.50	136.50	52.00	4.50	0.00	39.00	43.50	11.20
2	CPS Early	2950.57	44.00	43.75	135.25	51.75	0.00	0.00	33.00	33.00	11.57
10	TZEE-Y	2875.63	40.75	45.00	121.25	42.00	0.00	0.00	38.00	40.75	11.52
7	TZEE-W-1	2837.62	42.75	46.00	142.50	60.25	5.25	0.00	41.50	45.25	11.20
8	TZEE-W-2	2505.36	41.75	43.75	130.00	53.50	0.00	0.00	30.50	32.50	11.18
5	Pop30xGUA 314	2474.24	41.75	48.50	139.50	60.25	1.50	0.00	37.00	41.25	11.05
9	TZEE White Pool	2308.66	43.25	45.50	135.00	54.00	4.00	0.25	36.75	40.25	11.07
6	TZESR-WxGUA 314	2069.43	48.50	44.75	154.50	60.25	2.25	0.00	35.50	37.00	10.98
OVERALL MEAN		2899.514	43.481	45.885	142.038	56.231	1.615	0.019	38.000	40.000	11.227
STANDARD ERROR		361.187	0.503	1.530	4.655	3.110	1.696	0.069	2.818	3.178	0.199
LSD 5%		1037.646	1.445	4.396	13.373	8.936	4.873	0.199	8.095	9.131	0.572
PROB. OF F		0.0499	0.0000	0.5867	0.0000	0.0009	0.2678	0.4685	0.1849	0.2025	0.5809
COEF. OF VARIATION		24.914	2.313	6.670	6.555	11.063	210.017	721.110	14.829	15.892	3.550

	ENTRY	%RL	%SL
1	ACR 8131xJFS	0.00	0.00
3	CPSxL.Rayitiri	0.00	0.00
12	TZEF-Y	0.00	0.00
13	Local Check	2.27	0.00
11	TZEE-Yellow Pool	7.57	0.00
4	Pool27xGUA 314	13.50	0.00
2	CPS Early	0.00	0.00
10	TZEE-Y	0.00	0.00
7	TZEE-W-1	12.62	0.00
8	TZEE-W-2	0.00	0.00
5	Pop30xGUA 314	3.75	0.00
9	TZEE White Pool	12.55	0.58
6	TZESR-WxGUA 314	8.65	0.00
OVERALL MEAN		4.686	0.045
STANDARD ERROR		4.951	0.161
LSD 5%		14.224	0.463
PROB. OF F		0.2949	0.4685
COEF. OF VARIATION		211.331	721.110

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : SIDI R'CHID

Table 2-15

LOCATION : KAEDI (MAURINANIE)

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.HT	E.HT	P.HARV	E.HARV	DWT
12	TZEE-Y	3030.78	46.00	118.25	41.75	46.50	46.75	2.25
1	ACR 8131xJFS	3030.78	47.00	115.50	41.25	47.50	48.00	2.08
7	TZEE-W-1	2812.56	51.25	122.00	47.75	44.25	45.00	1.83
8	TZEE-W-2	2667.09	48.25	123.50	43.75	45.25	46.00	1.95
10	TZEE-Y	2642.84	44.50	120.25	46.75	47.50	48.00	1.88
4	Pool27xGUA 314	2618.60	45.00	118.50	43.25	45.25	46.00	1.86
2	CPS Early	2400.38	46.25	129.50	45.75	49.50	49.50	1.55
6	TZESR-WxGUA 314	2303.39	46.00	122.25	41.25	41.25	42.50	1.66
3	CPSxL.Rayitiri	2279.15	47.00	118.50	47.50	42.75	43.00	1.31
9	TZEE_White Pool	2206.41	44.25	126.25	43.50	42.25	43.75	1.23
13	Check CDK	2133.67	47.25	129.75	50.75	43.00	44.00	1.60
11	TZEE-Yellow Pool	2036.69	49.00	135.50	55.75	40.50	41.50	1.24
5	Pop30xGUA 314	1757.85	44.00	125.25	45.50	41.25	42.75	1.08
OVERALL MEAN		2455.399	46.596	123.462	45.731	44.365	45.135	1.654
STANDARD ERROR		412.270	1.214	6.817	4.969	3.525	3.321	0.298
LSD 5%		1184.401	3.488	19.586	14.274	10.128	9.540	0.856
LSD 1%		1585.563	4.669	26.220	19.109	13.558	12.771	1.146
PROB. OF F		0.5800	0.0070	0.7486	0.7483	0.7940	0.8640	0.1835
COEF. OF VARIATION		33.581	5.211	11.044	21.730	15.892	14.715	36.042

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : K.A. ELEMO

LOCATION : MINJIBIR (NIGERIA)

Table 2-16

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	MOIST	%RL
3	CPSxL.Rayitiri	1856.64	44.00	44.25	155.00	58.75	7.50	3.50	40.00	8.45	17.78
11	TZEE-Yellow Pool	1663.83	42.00	45.50	145.00	68.75	10.25	2.00	36.75	8.85	26.90
10	TZEE-Y	1635.17	42.25	45.00	132.50	56.50	30.00	3.00	26.38	8.96	115.83
1	ACR 8131xJFS	1627.44	42.25	44.00	145.00	65.00	5.25	1.75	38.00	9.45	13.14
4	Pool27xGUA 314	1530.67	46.25	42.75	163.75	43.75	12.25	3.75	40.33	9.11	30.36
12	TZEF-Y	1426.07	48.25	45.00	113.75	40.00	6.50	0.75	31.88	9.01	22.85
7	TZEE-W-1	1337.91	44.00	44.50	137.50	66.25	15.25	3.75	39.00	9.73	40.05
6	TZESR-WxGUA 314	1258.07	48.75	43.25	143.75	70.00	3.00	0.75	38.50	8.60	7.41
13	Local Check	1222.32	46.00	43.75	147.50	73.75	4.75	1.50	40.25	8.75	12.12
8	TZEE-W-2	1217.49	43.00	45.25	125.00	55.00	15.75	1.00	31.25	9.10	53.38
2	CPS Early	805.13	46.75	45.00	102.50	33.75	7.25	1.25	37.38	9.01	19.03
9	TZEE White Pool	780.56	42.25	44.50	150.00	67.50	14.00	4.50	36.25	8.68	37.49
5	Pop30xGUA 314	460.57	44.50	45.25	101.25	45.00	19.25	1.75	32.00	9.04	59.59
OVERALL MEAN		1293.990	44.635	44.462	135.577	57.231	11.615	2.250	35.999	8.980	35.073
STANDARD ERROR		274.292	2.024	1.277	13.658	8.999	3.739	1.030	1.952	0.163	11.695
LSD 5%		788.008	5.816	3.668	39.237	25.852	10.741	2.959	5.609	0.469	33.597
PROB. OF F		0.0356	0.2342	0.9420	0.0455	0.0467	0.0007	0.1480	0.0001	0.0003	0.0000
COEF. OF VARIATION		42.395	9.071	5.743	20.148	31.447	64.377	91.567	10.846	3.634	66.686

	ENTRY	%SL
3	CPSxL.Rayitiri	9.97
11	TZEE-Yellow Pool	5.47
10	TZEE-Y	10.91
1	ACR 8131xJFS	4.91
4	Pool27xGUA 314	9.38
12	TZEF-Y	2.10
7	TZEE-W-1	9.63
6	TZESR-WxGUA 314	2.26
13	Local Check	3.98
8	TZEE-W-2	3.45
2	CPS Early	3.33
9	TZEE White Pool	12.90
5	Pop30xGUA 314	5.59
OVERALL MEAN		6.452
STANDARD ERROR		3.231
LSD 5%		9.282
PROB. OF F		0.2825
COEF. OF VARIATION		100.144

RUVT EXTRA-EARLY 1990

COOPERATOR : BUREAU DE LA RECHERCHE AGRONOMIQUE

LOCATION : DOUGUI (TCHAD)

Table 2-17

No OF REPS = 4 No. OF ENTRIES = 13

ENTRY	YIELD	50%SLK	P.HT	E.HT	P.HARV	E.HARV
11 TZEE-Y POOL	3431	37	128	54	24	37
2 CSP EARLY	2373	39	119	53	26	38
10 TZEE-Y	2236	37	112	47	21	39
5 POP 30 X GUA 314	2200	37	126	57	27	34
8 TZEE-W-2	2279	37	126	57	25	41
9 TZEE-W POOL	2099	37	131	58	24	36
4 POOL 27 X GUA 314	2051	38	122	51	25	39
7 TZEE-W-1	2000	38	121	54	23	37
12 TZEF-Y	1973	39	129	59	25	34
13 LOCAL CHECK	1931	41	135	63	21	33
3 CSP X L. RAYTIRI	1923	40	136	55	21	33
1 ACR 8131 X JFS X L.R.	1847	41	132	49	22	29
6 TZESR-W X GUA 314	1760	44	142	62	20	28
OVERALL MEAN	2154.0	38.65	125.71	55.09	23.28	35.11
STANDARD ERROR	0.2839	0.6909	10.0269	3.0070	1.9312	2.5407
LSD 5%	868	1.977	28.76	8.635	5.537	7.287
PROB. OF F	0.0650	0.0000	0.3956	0.0214	0.2369	0.0240
COEF OF VARIATION	28.11	3.57	15.95	10.92	16.59	14.47

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : BUREAU RECHERCHE AGRONOMIQUE

LOCATION : GASSI (TCHAD)

Table 2-18

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST	DISEA
3	CPSxL.Rayitiri	3583.16	44.00	192.50	70.25	0.25	1.25	34.25	41.50	42.89	0.00
6	TZESR-WxGUA 314	3411.77	46.00	199.63	67.75	0.25	0.50	38.25	42.00	47.05	0.00
9	TZEE_White Pool	3169.40	40.75	169.13	60.38	2.50	1.75	36.00	41.50	32.63	0.25
4	Pool27xGUA 314	2898.42	40.25	171.13	60.00	0.75	0.50	39.00	43.25	42.53	0.25
1	ACR 8131xJFS	2539.11	45.50	176.25	58.13	0.00	1.50	39.00	41.75	42.29	0.25
2	CPS Early	2447.61	43.75	169.25	53.00	0.25	1.25	33.00	41.50	42.12	0.25
7	TZEE-W-1	2397.76	41.00	158.13	57.50	2.50	2.25	35.25	37.50	31.73	0.25
8	TZEE-W-2	2201.68	42.00	165.50	54.50	1.25	2.75	31.50	33.75	34.91	0.00
11	TZEE-Yellow Pool	2151.33	40.50	169.38	57.75	0.00	1.50	29.00	32.25	35.09	0.00
10	TZEE-Y	2083.28	39.75	160.00	45.13	0.75	3.00	32.25	35.50	28.58	0.00
5	Pop30xGUA 314	1847.34	41.75	170.25	60.50	0.25	0.25	30.75	36.00	32.13	0.00
13	Check IB 84A202	1571.12	50.75	224.50	101.50	0.25	1.75	32.25	27.00	56.55	0.25
12	TZEF-Y	1490.38	46.00	178.00	60.25	0.25	1.50	21.25	27.25	38.25	0.00
OVERALL MEAN		2445.604	43.251	177.202	62.048	0.712	1.519	33.212	36.981	38.979	0.115
STANDARD ERROR		313.334	0.775	6.253	6.960	0.387	0.746	3.635	2.745	4.311	0.159
LSD 5%		900.171	2.227	17.964	19.994	1.113	2.142	10.443	7.885	12.385	0.458
LSD 1%		1205.063	2.981	24.048	26.766	1.490	2.867	13.980	10.556	16.580	0.613
PROB. OF F		0.0002	0.0000	0.0000	0.0011	0.0001	0.3034	0.0969	0.0004	0.0038	0.7739
COEF. OF VARIATION		25.624	3.586	7.057	22.433	108.901	98.146	21.890	14.844	22.119	276.106

	ENTRY	INST	DWT	%RL	%SL
3	CPSxL.Rayitiri	1.00	3140.00	0.66	4.94
6	TZESR-WxGUA 314	1.00	2990.00	1.00	1.14
9	TZEE_White Pool	1.25	2777.50	7.43	4.88
4	Pool27xGUA 314	1.25	2540.00	1.91	1.25
1	ACR 8131xJFS	1.25	1773.25	0.00	4.10
2	CPS Early	1.25	2145.50	1.04	3.17
7	TZEE-W-1	1.25	2101.25	7.11	6.32
8	TZEE-W-2	1.25	1918.50	3.92	8.43
11	TZEE-Yellow Pool	1.25	2110.00	0.00	4.57
10	TZEE-Y	1.25	1827.50	2.16	9.27
5	Pop30xGUA 314	1.00	1629.25	0.71	1.14
13	Check IB 84A202	1.00	1376.75	0.64	6.60
12	TZEF-Y	1.00	1306.50	1.19	6.24
OVERALL MEAN		1.154	2125.846	2.136	4.773
STANDARD ERROR		0.127	315.080	1.203	2.459
LSD 5%		0.364	905.186	3.457	7.065
LSD 1%		0.487	1211.777	4.627	9.458
PROB. OF F		0.4685	0.0020	0.0003	0.3543
COEF. OF VARIATION		21.943	29.643	112.633	103.060

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : H.RENEAUD/P.TOKY

LOCATION : BROUKOU - TOGO

Table 2-19

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.MARV	E.MARV	N.STREAK
6	TZESR-WxGUA 314	7152.64	47.75	45.50	192.00	86.50	0.00	2.00	45.00	43.50	1.00
3	CPSxL.Rayitiri	6231.29	45.00	49.00	171.50	86.75	0.00	2.00	47.25	45.50	7.75
2	CPS Early	5406.91	44.50	46.50	150.00	62.00	0.00	0.25	44.75	41.75	7.00
12	TZEF-Y	5188.70	44.75	48.25	177.25	81.75	0.00	0.25	47.00	45.25	11.00
1	ACR 8131xJFS	5164.45	44.50	46.75	176.25	83.00	0.50	1.00	43.50	41.25	10.75
13	Local Check	5115.96	50.50	47.50	189.75	102.25	0.00	5.50	43.50	41.50	10.00
4	Pool27xGUA 314	4655.28	42.75	50.50	155.75	74.50	0.00	0.25	48.50	47.75	6.25
5	Pop30xGUA 314	4631.03	44.50	47.00	171.00	82.25	0.00	0.00	44.25	40.75	7.50
11	TZEE-Yellow Pool	4509.80	42.25	46.50	155.75	65.50	0.00	0.50	43.00	42.50	7.75
9	TZEE_White Pool	4388.57	42.25	48.50	158.00	76.25	0.25	0.00	46.25	46.75	6.75
7	TZEE-W-1	4315.83	43.00	48.00	161.25	74.50	0.00	1.75	46.75	47.00	8.50
8	TZEE-W-2	4243.09	43.25	48.50	159.00	73.00	0.00	0.25	46.50	43.25	9.25
10	TZEE-Y	3273.24	40.75	46.00	149.25	58.75	0.25	0.00	40.25	38.00	7.75
OVERALL MEAN		4944.370	44.288	47.577	166.673	77.462	0.077	1.058	45.115	43.442	7.788
STANDARD ERROR		230.718	0.527	1.433	4.962	2.793	0.174	0.700	1.662	1.734	1.788
LSD 5%		662.825	1.513	4.118	14.257	8.023	0.499	2.010	4.775	4.980	5.135
LSD 1%		887.326	2.026	5.512	19.085	10.740	0.668	2.690	6.392	6.667	6.875
PROB. OF F		0.0000	0.0000	0.5243	0.0000	0.0000	0.6265	0.0001	0.0857	0.0096	0.0534
COEF. OF VARIATION		9.333	2.379	6.025	5.955	7.210	451.694	132.271	7.368	7.981	45.902

	ENTRY	DWT	%RL	%SL
6	TZESR-WxGUA 314	5.43	0.00	4.43
3	CPSxL.Rayitiri	4.47	0.00	4.36
2	CPS Early	3.85	0.00	0.56
12	TZEF-Y	3.83	0.00	0.57
1	ACR 8131xJFS	3.90	1.16	2.17
13	Local Check	3.63	0.00	13.05
4	Pool27xGUA 314	3.53	0.00	0.52
5	Pop30xGUA 314	3.47	0.00	0.00
11	TZEE-Yellow Pool	3.42	0.00	1.09
9	TZEE_White Pool	3.38	0.57	0.00
7	TZEE-W-1	3.30	0.00	3.74
8	TZEE-W-2	3.22	0.00	0.62
10	TZEE-Y	2.60	0.71	0.00
OVERALL MEAN		3.694	0.188	2.392
STANDARD ERROR		0.185	0.420	1.624
LSD 5%		0.531	1.206	4.666
LSD 1%		0.711	1.614	6.246
PROB. OF F		0.0000	0.6330	0.0001
COEF. OF VARIATION		10.004	446.318	135.781

RUVT - EXTRA EARLY TRIAL 1990

COOPERATOR : H.RENEAUD/P.TOKY

LOCATION : TANTIEGOU - TOGO

Table 2-20

No OF REPS = 4 No OF ENTRIES = 13

	ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.STREAK
13	Local Check	4946.24	42.50	51.25	164.00	61.25	2.75	2.25	50.25	50.50	8.50
4	Pool27xGUA 314	4921.99	41.25	50.50	143.75	49.50	1.50	1.50	49.75	49.25	1.75
6	TZESR-WxGUA 314	4897.74	41.75	50.75	160.25	55.75	1.00	0.75	49.75	48.50	3.50
12	TZEF-Y	4776.51	39.75	51.75	151.25	49.25	1.75	2.00	51.00	48.50	1.50
5	Pop30xGUA 314	4776.51	41.50	50.75	154.50	53.75	2.25	1.25	50.25	49.00	2.25
2	CPS Early	4558.29	40.75	51.00	146.25	48.50	1.50	2.00	50.00	49.75	0.00
1	ACR 8131xJFS	4461.31	41.00	51.00	147.00	49.50	2.25	0.50	50.00	49.25	4.25
3	CPSxL.Rayitiri	4412.82	41.00	49.50	149.25	46.00	1.25	1.75	49.00	48.50	2.75
11	TZEE-Yellow Pool	4291.59	38.50	49.75	148.75	49.00	0.50	1.75	48.75	48.00	1.50
10	TZEE-Y	4073.37	37.75	50.00	151.25	51.75	1.75	1.00	49.00	46.50	3.00
7	TZEE-W-1	4024.88	38.00	51.00	141.00	49.00	0.75	1.75	50.25	48.75	2.00
8	TZEE-W-2	4000.63	38.00	50.75	151.00	51.75	1.50	0.75	49.75	49.00	2.25
9	TZEE_White Pool	3976.38	38.25	50.75	147.75	49.50	1.00	0.50	49.50	48.75	9.75
	OVERALL MEAN	4470.635	40.000	50.673	150.462	51.115	1.519	1.365	49.788	48.788	3.308
	STANDARD ERROR	283.689	0.664	0.426	2.073	1.917	0.594	0.541	0.500	0.800	0.598
	LSD 5%	815.003	1.908	1.223	5.956	5.507	1.705	1.555	1.437	2.299	1.719
	LSD 1%	1091.048	2.554	1.638	7.974	7.373	2.283	2.082	1.924	3.078	2.302
	PROB. OF F	0.1024	0.0000	0.0437	0.0000	0.0004	0.3422	0.2799	0.1573	0.2280	0.0000
	COEF. OF VARIATION	12.691	3.320	1.681	2.756	7.501	78.138	79.289	2.010	3.281	36.187

	ENTRY	DWT	%RL	%SL
13	Local Check	3.35	5.55	4.53
4	Pool27xGUA 314	3.70	3.02	3.03
6	TZESR-WxGUA 314	3.83	2.02	1.50
12	TZEF-Y	3.50	3.42	3.90
5	Pop30xGUA 314	3.60	4.46	2.46
2	CPS Early	3.17	3.02	4.00
1	ACR 8131xJFS	3.36	4.50	1.00
3	CPSxL.Rayitiri	3.13	2.54	3.60
11	TZEE-Yellow Pool	3.38	1.04	3.56
10	TZEE-Y	3.03	3.57	2.02
7	TZEE-W-1	3.05	1.50	3.47
8	TZEE-W-2	3.00	3.02	1.50
9	TZEE_White Pool	2.97	2.06	1.02
	OVERALL MEAN	3.312	3.056	2.739
	STANDARD ERROR	0.165	1.203	1.098
	LSD 5%	0.475	3.455	3.154
	LSD 1%	0.635	4.625	4.223
	PROB. OF F	0.0064	0.3737	0.2989
	COEF. OF VARIATION	9.977	78.712	80.185

Table 3.1 Grain yield of varieties tested in RUVT Early maturing maize) trial at 23 locations in 10 countries and across-location means for days to 50% silking, plant height and number of plants harvested in 1990.

Variety	GRAIN YIELD (T/HA)[a]												
	BENIN				BURKINA FASO			CAMEROON			COTE D'IVOIRE	GHANA	
Location Codes[b]	1	2	3	4	5	6	7	8	9	10	11	12	13
EV 8731-SR BC6	2.06	4.81	2.47	4.06	2.57	3.56	3.96	4.13	7.19	6.58	4.96	4.19	5.84
TZE Comp 3 x 4 F4	2.21	4.78	2.25	3.32	2.63	3.08	4.09	4.41	6.95	6.98	5.66	3.82	5.58
Farako-Ba 88 Pool 16 DR	2.21	4.97	2.10	3.28	3.41	3.15	3.55	5.27	7.59	6.19	5.50	4.27	5.16
DMR-ESRW	2.21	4.71	1.83	3.54	3.06	3.15	3.84	4.15	7.04	6.37	4.65	3.77	5.31
Across 86 Pool 16 DR	1.62	3.80	2.27	3.38	3.51	3.30	3.79	4.82	7.38	6.79	5.49	3.81	5.44
Kamboinse 88 Pool 16 DR	1.36	4.17	1.73	3.52	2.59	3.22	3.60	4.76	7.15	6.54	5.18	3.61	5.57
Across 87 Pool 16 SR	2.06	4.01	2.20	3.33	3.09	3.06	4.19	4.82	7.17	6.13	4.44	3.30	5.08
Across 88 Pool 16 DR	2.42	3.35	2.13	3.72	2.60	2.98	3.43	4.66	6.96	6.28	5.29	3.88	5.89
EV 8730-SR BC6	1.98	3.99	1.77	3.21	2.94	3.37	3.41	5.04	6.82	6.24	4.64	3.63	5.40
DR Comp. Early	2.31	4.04	2.06	2.57	3.09	3.20	2.82	5.46	6.66	6.38	4.32	2.94	3.85
Local Check	1.36	3.91	1.66	3.01	2.23	2.86	3.18	5.20	5.05	5.72	5.03	4.19	5.66
SAFITA-2 RE	2.21	3.91	2.14	2.63	3.59	3.15	2.93	4.30	6.85	6.59	4.97	3.05	5.06
DMR-ESRY	1.90	4.39	2.21	3.53	2.37	2.72	3.71	4.15	6.57	5.80	3.93	3.12	5.21
TZESR-W-SE	1.74	3.81	1.42	3.06	3.15	3.06	2.51	4.64	6.50	5.60	4.22	3.87	4.84
Location mean	1.97	4.19	2.02	3.30	2.92	3.13	3.50	4.70	6.85	6.30	4.88	3.67	5.28
LSD 5%	0.57	0.91	0.49	0.67	1.07	0.62	1.11	1.35	0.78	0.93	0.85	1.38	0.88
Prob. of F	0.01	0.03	0.00	0.01	0.26	0.52	0.12	0.61	0.00	0.16	0.00	0.66	0.01
CV (%)	20	15	17	14	26	14	22	20	8	10	12	26	12

[a]At 15% moisture content

[b]Location codes : 1 = Angaradebou, 2 = Bagou, 3 = Guene, 4 = Ina, 5 = Kamboinse (tied ridges) 6 = Kouaré, 7 = Niangoloko, 8 = Maroua, 9 = Sangueré, 10 = Soucoundou, 11= Bouaké, 12 = Damongo, 13 = Nyankpala, 14 = Kilissi, 15 = Kita, 16 = Sotouba, 17 = Bagauda, 18 = Ikenne, (A Season), 19 = Ikenne (B Season), 20 = Minjibir, 21 = Gassi, 22 = Broukou, 23 = Tantiegou.

Table 3.1 Cont'd

Variety	GRAIN YIELD (T/HA)[a]										Variety mean	Days to 50% silking	Plant Ht (cm)	No plant harvested
	GUINEA		MALI	NIGERIA				TCHAD	TOGO					
Location Codes[b]	14	15	16	17	18	19	20	21	22	23				
EV 8731-SR BC6	7.64	6.38	3.96	4.15	3.15	2.77	1.48	3.33	7.12	5.48	4.42	51	182	44
TZE Comp 3 x 4 F3	7.53	6.13	4.26	4.49	3.34	2.23	1.79	4.09	6.75	5.46	4.39	51	173	44
Farako-Bâ 88 Pool 16 DR	6.02	5.57	3.77	5.06	2.83	2.37	1.06	4.16	6.91	4.75	4.31	50	171	43
DMR-ESRW	7.76	6.62	3.56	3.46	3.08	2.18	1.79	3.92	7.28	5.26	4.29	51	178	45
Across 86 Pool 16 DR	8.31	3.51	3.85	4.76	2.81	2.34	1.79	3.91	6.55	3.95	4.23	50	168	43
Kamboinsé 88 Pool 16 DR	7.07	5.18	4.17	4.92	2.97	2.31	2.20	3.59	6.63	4.17	4.19	52	172	45
Across 87 Pool 16 SR	7.03	7.02	3.35	4.02	2.87	1.70	2.90	2.94	6.53	4.17	4.18	49	162	43
Across 88 Pool 16 DR	8.04	4.93	4.00	4.69	2.76	2.39	1.27	3.14	6.50	4.66	4.17	50	174	43
EV 8730-SR BC6	7.00	6.24	3.80	3.23	3.34	2.86	1.12	3.22	6.63	5.29	4.14	52	180	43
DR Comp. Early	7.89	5.76	4.55	4.86	1.78	1.15	1.63	4.44	6.43	4.61	4.03	49	168	44
Local Check	6.72	6.26	3.19	4.44	3.45	2.36	2.12	2.78	8.20	4.10	4.03	50	175	43
SAFITA-2 RE	7.77	6.38	3.65	4.10	2.44	1.93	1.48	3.40	5.65	4.39	4.02	51	172	44
DMR-ESRY	5.96	6.13	3.63	3.63	3.43	2.22	2.02	3.54	6.35	5.33	4.00	52	182	43
TZESRW-SE	5.69	6.22	3.68	3.46	2.65	1.60	2.12	3.19	5.39	5.24	3.81	51	173	44
Location mean	7.17	5.88	3.82	4.23	2.92	2.17	1.77	3.55	6.64	4.77				
LSD 5%	0.98	1.09	1.16	0.99	0.42	0.46	0.76	1.32	0.67	0.38				
Prob of F.	0.00	0.00	0.67	0.00	0.00	0.00	0.00	0.36	0.00	0.00				
CV (%)	10	13	21	16	10	15	30	26	7	6				

[a]At 15% moisture content
[b]Location codes : 1 = Angaradebou, 2 = Bagou, 3 = Guene, 4 = Ina, 5 = Kamboinsé (Tied Ridges), 6 = Kouaré, 7 = Nyangoloko, 8 = Maroua, 9 = Sangueré, 10 = Soucoundou, 11 = Bouaké, 12 = Damongo, 13 = Nyankpala, 14 = Kilissi, 15 = Kita, 16 = Sotouba, 17 = Bagauda, 18 = Ikenne, (A Season), 19 = Ikenne (B Season), 20 = Minjibir, 21 = Gassi, 22 = Broukou, 23 = Tantiegou.

Table 3.2 Grain yield of varieties tested in RUVT Extra-Early Maize trial at 14 locations in 7 countries and across-location mean for days to 50% silking, plant height and number of plants harvested in 1990.

Variety	GRAIN YIELD (T/HA)[a]							
	BENIN	BURKINA FASO			CAMEROON			COTE D'IVOIRE
Location Codes[b]	1	2	3	4	5	6	7	8
TZESR-W x GUA 314 F5	2.34	3.85	3.22	3.47	4.32	6.28	6.81	4.64
CSP x L. RAYTIRI F5	2.15	2.84	2.10	4.27	4.71	6.26	5.91	3.15
CSP Early	2.40	3.31	1.69	3.76	3.94	5.10	6.15	4.20
TZEF-Y	2.90	2.95	2.80	3.32	4.38	5.37	6.53	3.41
Across 8131 x JFS x LR F5	2.09	2.19	2.43	3.95	4.68	5.61	5.48	3.47
Local check	2.59	2.18	2.38	2.64	4.28	6.43	6.24	3.15
Pool 27 x Gua 314 BC1 F5	2.44	2.78	1.69	3.27	4.47	5.10	5.93	3.09
TZEE Yellow Pool	2.68	1.86	2.42	3.18	4.67	4.63	6.18	2.61
TZEE-W-1	2.17	2.50	1.97	3.71	4.50	4.79	5.23	3.12
Pop 30 x Gua 314 BC1 F5	2.22	2.90	1.13	3.25	4.31	4.51	5.59	3.18
TZEE White Pool	2.05	2.44	1.20	3.18	3.98	4.41	5.64	2.96
TZEE-W-2	2.03	1.95	0.91	3.13	3.88	4.10	5.34	3.06
TZEE-Y	2.03	1.04	1.94	2.59	3.30	3.30	5.03	1.52
Location mean	2.31	2.52	1.99	3.36	4.26	5.07	5.85	3.20
LSD 5%	0.66	0.91	0.84	0.80	1.11	1.12	0.77	0.90
Prob. of F	0.20	0.00	0.00	0.01	0.42	0.00	0.00	0.00
CV (%)	20	25	30	17	18	15	9	13

a At 15% moisture content.
b Location codes : 1 = Guene, 2 = Farako-Bâ, 3 = Kamboinsé (Tied ridges), 4 = Saria, 5 = Maroua, 6 = Sanguere, 7 = Soucoundou, 8 = Bouaké, 9 = Katibougou, 10 = Massantola, 11 = Dongui, 12 = Gassi, 13 = Broukou, 14 = Tantiegou.

Table 3.2 Cont'd

Variety	GRAIN YIELD (T/HA)[a]									
	MALI		TCHAD		TOGO		Variety mean	Days to 50% silking	Plant Ht (cm)	No Plant harvested
Location Codes[b]	9	10	11	12	13	14				
TZESR-W x GUA 314 F5	4.23	2.07	1.76	3.41	7.15	4.90	4.18	48	169	43
CSP x L. RAYTIRI F5	3.61	3.39	1.92	3.58	6.23	4.41	3.90	45	160	43
CSP Early	3.96	2.95	2.37	2.45	5.41	4.56	3.73	45	160	43
TZEF-Y	3.44	3.21	1.97	1.49	5.19	4.78	3.70	45	158	42
Across 8131 x JFS x LR F5	3.51	4.10	1.85	2.54	5.16	4.46	3.68	45	147	43
Local check	3.55	3.03	1.93	1.57	5.12	4.95	3.58	43	146	44
Pool 27 x Gua 314 BC1 F5	3.39	2.96	2.05	2.90	4.66	4.92	3.55	48	172	40
TZEE Yellow Pool	3.33	2.98	3.43	2.15	4.51	4.29	3.50	43	151	42
TZEE-W-1	3.18	2.84	2.00	2.40	4.32	4.02	3.34	42	148	43
Pop 30 x Gua 314 BC1 F5	3.31	2.47	2.20	1.85	4.63	4.78	3.31	44	151	42
TZEE White Pool	3.73	2.31	2.10	3.17	4.39	3.98	3.28	42	148	42
TZEE-W-2	3.15	2.51	2.18	2.20	4.24	4.00	3.25	43	145	42
TZEE-Y	4.43	2.88	2.24	2.08	3.27	4.07	2.84	41	141	40
Location mean	3.60	2.90	2.15	2.45	4.94	4.47				
LSD 5%	1.21	1.04	0.87	0.90	0.66	0.82				
Prob. of F	0.60	0.05	0.07	0.00	0.00	0.10				
CV (%)	23	25	28	26	9	13				

aAt 15% moisture content.
bLocation codes : 1 = Guene, 2 = Farako-Bâ, 3 = Kamboinsé (Tied ridges), 4 = Saria, 5 = Maroua, 6 = Sangueré, 7 = Soucoundou, 8 = Bouaké, 9 = Katibougou, 10 = Massantola, 11 = Dongui, 12 = Gassi, 13 = Broukou, 14 = Tantiegou.

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