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**WEST AND CENTRAL AFRICA COLLABORATIVE
MAIZE RESEARCH NETWORK**



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COMPILATION OF DATA FROM
1989
REGIONAL UNIFORM VARIETY TRIALS

3275

OUAGADOUGOU, BURKINA FASO

FEBRUARY 1990

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

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 practitioners. The efforts of Drs. G. K. Weber and J.H. Mareck and those 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, 1990

Dr. J.M. FAJEMISIN
Maize Network Coordinator

C O N T E N T S

	Page
PREFACE.....	ii
INTRODUCTION	1
1. DESCRIPTION OF TRIALS	1
2. DISPATCH OF TRIALS AND DATA RECOVERY	1
3. DATA PRESENTATION	1
Description of entries of RUVT-1	3
Description of entries of RUVT-2	4
Description of entries of RUVT-3	5
List of requests for 1989 trials	6
4. PRECISION LEVEL AND TRIALS' COMPARISON	7

Data Summary per Trial per Location

Table N°

RUVT-1 : Bagou, Benin	1-1a ...	8a
Ina, Benin	1-1b ...	8b
Farako-Bâ, Burkina Faso	1-2	9
Kamboinse (BS), Burkina Faso	1-3	10
Kamboinse (BC), Burkina Faso	1-4	11
Niangoloko, Burkina Faso	1-5	12
Maroua, Cameroon	1-6	13
Sanguere, Cameroon	1-7	14
Soucoundou, Cameroon	1-8	15
Sombe, Central African Republic	1-9	16
Damongo, Ghana	1-10 ...	17
Garu, Ghana	1-11 ...	18
Nyankpala, Ghana	1-12 ...	19
Bordo-Kankan, Guinea Republic	1-13 ...	20
Sotuba, Mali	1-14 ...	21
Fanaye, Senegal	1-15 ...	22
SOCAS, Senegal	1-16 ...	23
Gassi, Tchad	1-17 ...	24
Broukou, Togo	1-18 ...	25
Tantiegou, Togo	1-19 ...	26
RUVT-2 : Bagou, Benin	2-1	27
Ina, Benin	2-2	28
Farako-Bâ, Burkina Faso	2-3	29
Maroua, Cameroon	2-4	30
Sanguere, Cameroon	2-5	31
Damongo, Ghana	2-6	32
Nyankpala, Ghana	2-7	33
Bordo-Kankan, Guinea Republic	2-8	34
Bengou, Niger	2-9	35
Fanaye, Senegal	2-10 ...	36
SOCAS, Senegal	2-11 ...	37
Broukou, Togo	2-12 ...	38
Tantiegou, Togo	2-13 ...	39

	<u>Table N°</u>	<u>Page</u>
RUVT-3 : Bagou, Benin	3-1	40
Guene, Benin	3-2	41
Kamboinse (BS), Burkina Faso	3-3	42
Kamboinse (BC), Burkina Faso	3-4	43
Saria, Burkina Faso	3-5	44
Maroua, Cameroon	3-6	45
Sanguere, Cameroon	3-7	46
Soucoundou, Cameroon	3-8	47
Bambari, Central African Republic	3-9	48
Garu, Ghana	3-10	49
Bema, Mali	3-11	50
Katibougou, Mali	3-12	51
Lossa, Niger	3-13	52
SOCAS, Senegal	3-14	53
Gassi, Tchad	3-15	54
Broukou, Togo	3-16	55
Tantiegou, Togo	3-17	56

Across-Location data, 1989

RUVT-1 at 16 locations in 9 countries	4.1	57
RUVT-2 at 11 locations in 6 countries	4.2	59
RUVT-3 at 11 locations in 6 countries	4.3	60

I N T R O D U C T I O N

1. DESCRIPTION OF TRIALS

Three types of Regional Uniform Variety Trials (RUVT) were offered to collaborators in the sub-region of West and Central Africa covered by SAFGRAD Maize Network in 1989.

- RUVT-1 : Drought resistant, early maturing varieties
- RUVT-2 : Intermediate and full-season streak resistant varieties
- RUVT-3 : Extra-early maturing varieties.

The composition of each trial is given in Table (i)-(iii).

2. DISPATCH OF TRIALS AND DATA RECOVERY

Trials were sent to collaborators on request. A total of 84 sets were requested by 15 countries. Further details are shown in Table (iv). As at February 28, 1990, data have been received for 51 sets from 12 countries.

3. DATA PRESENTATION

The analyzed data are summarized per trial per location in Tables 1.1-1.19, 2.1-2.13, and 3.1-3.17 for RUVT-1, RUVT-2 and RUVT-3, respectively. Data for one set of RUVT-3 planted in Mauritania could not be analyzed because of severe and uneven termite infestation.

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. HT) | 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.

4. PRECISION LEVEL AND TRIALS COMPARISON

With 80 % of the collaborating countries promptly returning data, there has been a remarkable improvement in data recovery. The quality of the trial as measured by the coefficients of variation can still be improved upon. Seventy-eight percent of the trials have CV values of 30 % or less but only 45 % of the trials were with CVs of 20 % or less.

Tables 4.1, 4.2 and 4.3 show the across-location data for RUVT-1, RUVT-2 and RUVT-3, respectively in West and Central African countries for trials with CV's of 30 % or less.

The extra-early varieties, with an average plant height of 1.42m produced silk 8 days earlier than the early-maturing varieties (51 days and average plant height of 1.60m) but produced grain yield of 3.2 tons/ha compared to 3.9 t/ha for the early varieties (RUVT-1). On the other hand, the intermediate/late maturing varieties, with average plant height of 1.96m yielded 5.2 t/ha but flowered 16 and 8 days later than the extra-early and early varieties, respectively.

Table (i) : Description of entries in RUVT-1, 1989

ENTRY				
N°	Name	PROPOSED BY	PARENTAGE	GRAIN TYPE
1	Across 86 Pool 16 DR	SAFGRAD	Tropical Early White-Dent	White-dent
2	Early 86 Pool 16 DR	"	" " " "	White-dent
3	Farako-Bâ 86 Pool 16 DR HD	"	" " " "	White-dent
4	Kamboinse 86 Pool 16 DR	"	" " " "	White-dent
5	Pool 16 DR CO	SAFGRAD	Tropical Early White-Dent	White-dent
6	Pool 16 DR C1	IITA-SAFGRAD	Tropical Early White Dent	White-dent
7	Pool 16 DR C2	"	" " " "	White-dent
8	Kamb(1) 84 TZESR-W	IITA-SAFGRAD	TZESR-W	White-flint
9	Kawanzie	Ghana	Pop 31 (Amarillo Cristalino-2)	White-dent
10	DMR-ESRY	IITA-IBADAN	DMR-ESRY	Yellow- semi-dent
11	TZE Comp. 3 x 4 F3	IITA-IBADAN	Comp. of TZESR-W, DMR-ESR-W, EV 30 ₇ SR and Pool 16 SR	White- Semi-dent
12	DR Comp. Early	IITA-SAFGRAD	Comp. of local and improved varieties	Mixed
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-2, 1989.

ENTRY				
N°	Name	PROPOSED BY	PARENTAGE	GRAIN TYPE
1	AB 22	Togo	-	White-dent
2	Across 85 TZSR-W-1	IITA-IBADAN	TZSR-W-1	White-semi-dent
3	CMS 8710	Cameroon	-	White-dent
4	EV 8422 SR	Burkina Faso	Mezcla Tropical Blanco	White-dent
5	EV 8428 SR	CIMMYT-IITA	Amarillo Dentado	Yellow-dent
6	EV 8444 SR	CIMMYT-IITA	AED-Tuxpeno	White-dent
7	Farako-Bâ 85TZSR-Y-1	IITA-Ibadan	TZSR-Y-1	Yellow-semi-dent
8	Loumb.84 TZUT-Y	SAFGRAD	TZUT	Yellow dent
9	Maracay 7921-SR	CIMMYT-IITA	Tuxpeno	White-dent
10	Ndock 8701	Cameroon	-	White-semi-dent
11	Okomasa	Ghana	Pop 43-SR	White-dent
12	TZPB SR	IITA-Ibadan	TZPB	White-dent
13	Local check	Collaborator	Various	Various

Table (iii) : Description of entries in RUVT-3, 1989

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

Table (iv) : Number of sets of Regional Uniform Variety Trials (RUVT) requested per country, 1989.

COUNTRY	NUMBER OF TRIALS REQUESTED			TOTAL
	RUVT-1	RUVT-2	RUVT-3	
Benin	4	2	3	9
Burkina Faso	2	2	3	7
Cameroon	3	2	3	8
Cape Verde	-	-	1	1
Central African Republic	2	1	1	4
Côte D'Ivoire	2	2	2	6
Gambia	2	-	2	4
Ghana	2	2	1	5
Guinea Bissau	2	1	2	5
Guinea Conakry	2	4	2	8
Mali	1	-	2	3
Mauritania	1	-	1	2
Niger	1	1	1	3
Nigeria	1	1	1	3
Senegal	3	3	2	8
Tchad	1	0	1	2
Togo	2	2	2	6
T O T A L	31	23	30	84

RUVI-1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : ROKWALD DOSSOU

LOCATION : BAGOU - BENIN

No OF REPS = 4

No OF ENTRIES = 14

Table 1-1(a)

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
8	2777.0	48.00	41.00	75.00	76.50	2.50	7.25	40.50	31.50	3.75
12	2111.7	47.75	42.00	75.00	75.50	2.50	6.50	39.75	34.25	4.25
6	2015.4	50.00	39.00	75.00	75.00	2.50	5.00	41.00	33.75	4.50
14	1928.4	48.75	42.25	75.00	75.00	2.50	5.00	39.00	32.50	4.50
11	1873.5	48.25	44.50	75.00	75.00	2.50	5.00	42.00	36.50	4.50
10	1735.4	49.25	44.25	75.00	75.00	2.50	5.00	44.00	35.00	4.50
5	1541.5	49.00	43.00	75.00	75.00	2.50	5.00	41.50	32.00	4.50
4	1517.7	49.00	43.00	75.00	75.00	2.50	5.00	43.50	30.25	4.50
7	1442.1	48.50	44.00	75.00	75.00	2.50	5.00	45.00	30.75	4.50
11	1151.7	49.50	42.00	75.00	75.00	2.50	5.00	43.00	30.00	4.50
1	1123.2	48.00	42.00	75.00	75.00	2.50	5.00	40.00	27.50	4.50
2	1138.5	48.00	42.00	75.00	75.00	2.50	5.00	41.00	27.50	4.50
9	1193.3	49.25	42.25	75.00	75.00	2.50	5.00	41.00	27.50	4.50
13	902.6	49.75	42.75	75.00	75.00	2.50	5.00	41.00	27.50	4.50
OVERALL MEAN	1666.075	48.500	41.089	75.372	75.703	2.500	5.915	40.357	31.804	4.179
STANDARD ERROR	414.694	0.576	2.402	3.772	4.570	0.325	1.915	2.337	3.384	1.511
LSD 5%	1189.186	1.650	6.882	9.825	13.170	1.797	5.486	7.097	9.996	4.329
PROB. OF VARIATION	49.277481	0.0185	0.2603	0.5627	0.3093	0.3211	0.3580	0.2798	0.2717	0.8145
COEF. OF VARIATION	49.781	2.374	11.691	13.129	14.356	6.871	7.941	11.441	21.281	72.319

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
8	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
12	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
6	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
14	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
11	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
10	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
5	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
4	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
7	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
11	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
1	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
2	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
9	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
13	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
OVERALL MEAN	17.90	1.75	1.50	0.00	0.45	0.28	10.63	8.35	9.27	0.82
STANDARD ERROR	1.329	0.272	0.306	0.437	0.534	0.325	1.946	1.501	2.048	0.822
LSD 5%	1.0475	0.7948	0.0632	0.5729	0.7362	0.3852	1.5703	1.5602	2.022	0.79
PROB. OF VARIATION	0.5169	0.7948	0.0632	0.5729	0.7362	0.3852	1.5703	1.5602	2.022	0.79
COEF. OF VARIATION	0.5169	0.7948	0.0632	0.5729	0.7362	0.3852	1.5703	1.5602	2.022	0.79

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

Table 1-1(b)

COOPERATOR : DOSSOU ROMUALD

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
14 CHECK DPR-ESRW	4912.97	56.00	25.50	185.00	103.75	6.50	0.00	25.00	31.00	0.25
11 TZE COMP.3x4	4591.24	51.00	25.75	170.00	77.50	4.00	0.25	25.75	27.75	0.50
6 POCL 16 DR C1	4045.70	51.50	26.00	165.00	90.00	5.00	0.25	25.75	29.50	2.25
10 DMR-ESRY	3981.89	54.00	25.50	183.75	92.50	3.75	0.75	24.75	27.75	0.50
5 POCL 16 DR CC	3953.68	51.00	25.75	169.75	88.75	3.75	0.75	25.50	28.00	1.75
3 FAR.86 PL-16 HD	3944.46	50.75	25.50	179.25	91.25	2.25	1.25	25.00	29.00	2.75
8 KB(1) 84 TZE SRW	3814.02	51.75	26.00	172.50	71.25	3.75	1.25	25.25	29.75	2.25
4 KAM.86 PL-16 DR	3810.68	52.00	25.75	152.50	75.00	4.75	2.00	25.00	28.50	2.25
7 POCL 16 DR C2	3768.24	52.25	25.50	165.50	77.50	2.50	0.50	24.25	27.75	2.25
2 EAR.86 PL-16 DR	3757.23	51.00	25.75	180.00	76.25	3.00	1.50	25.50	27.50	1.50
1 ACR.86 PL-16 DR	3684.75	53.00	25.75	159.75	78.75	2.50	0.50	24.50	26.00	0.50
13 SAFITA-2 RE	3596.03	52.25	25.75	161.25	76.25	5.00	0.75	25.25	30.25	2.25
12 DR COMP. EARLY	3374.05	51.00	25.25	160.00	77.50	6.25	2.75	24.25	25.75	1.25
9 KAWANZIE	3073.48	50.50	25.50	147.00	60.75	4.75	2.25	24.50	26.00	1.75
OVERALL MEAN	3877.331	52.000	25.661	167.943	81.214	4.125	1.196	25.018	28.179	1.571
STANDARD ERRCR	228.958	0.323	0.276	8.479	6.936	1.123	0.681	0.444	1.107	0.591
LSD 5%	654.012	0.926	0.792	24.284	19.874	3.217	1.950	1.272	3.172	1.694
PROB. OF F	0.0004	0.0000	0.8547	0.0726	0.0160	0.2023	0.1468	0.2332	0.0358	0.0484
COEF. OF VARIATION	11.804	1.243	2.154	10.093	17.081	54.433	113.777	3.550	7.856	75.227

ENTRY	MOIST	DISE.R	DISE.H	DISE.C	DISE.S	1000.GWT	%RL	%SL	%EAR ROT
14 CHECK DPR-ESRW	27.08	1.30	1.65	2.75	1.20	362.25	27.87	0.00	0.86
11 TZE COMP.3x4	24.40	1.23	1.60	2.05	1.85	360.30	15.80	0.96	1.85
6 POCL 16 DR C1	25.08	1.40	1.52	2.58	2.22	371.20	19.34	8.80	7.56
10 DMR-ESRY	25.75	2.30	1.40	2.08	1.20	371.10	15.12	3.00	1.67
5 POCL 16 DR CC	24.27	1.33	1.45	2.05	2.47	332.15	14.96	2.92	6.18
3 FAR.86 PL-16 HD	24.35	1.25	1.52	2.25	2.42	381.70	9.21	4.81	9.50
8 KB(1) 84 TZE SRW	25.30	1.27	1.45	2.45	1.33	379.40	14.89	4.92	7.49
4 KAM.86 PL-16 DR	25.35	1.35	1.73	2.97	2.22	348.50	18.54	8.01	7.91
7 POCL 16 DR C2	26.27	1.27	1.63	2.15	2.10	360.40	10.22	1.92	7.95
2 EAR.86 PL-16 DR	24.73	1.40	1.65	2.97	2.22	374.05	11.96	5.92	5.42
1 ACR.86 PL-16 DR	24.55	1.33	1.45	2.60	1.98	350.65	10.17	2.08	2.14
13 SAFITA-2 RE	25.42	1.63	1.45	2.70	2.47	325.90	19.92	3.00	7.45
12 DR COMP. EARLY	24.17	1.92	1.60	2.97	3.05	300.95	25.59	11.25	4.63
9 KAWANZIE	23.40	2.35	1.50	2.63	2.78	316.40	19.47	9.39	6.72
OVERALL MEAN	25.166	1.523	1.543	2.350	2.109	345.718	17.560	4.783	5.522
STANDARD ERRCR	0.866	0.374	0.118	0.177	0.262	12.597	4.555	2.709	2.036
LSD 5%	1.909	1.071	0.339	0.503	0.751	36.093	13.052	7.762	5.834
PROB. OF F	0.0261	0.4146	0.7534	0.1239	0.0001	0.0060	0.2901	0.1236	0.0586
COEF. OF VARIATION	5.296	49.062	15.324	12.447	24.870	7.294	55.017	113.224	73.744

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES
 COOPERATOR : SANDU JACOB

Table 1-2

LOCATION : FARAKA-UA (BURKINA-FASO)
 No OF REPS = 7

No OF ENTRIES = 14

ENTRY	YIELD	DT-FC	PL-ST	PL-HT	E-HT	RL	SL	P-HARV	E-HARV	F01ST
2	3181.77	30.775	50.00	122.22	52.50	322.22	0.00	47.00	34.27	180.88
0	3044.20	39.255	51.00	122.22	52.50	322.22	0.00	47.00	34.27	180.88
10	2849.10	39.255	43.50	112.50	50.00	300.00	0.00	44.00	33.33	170.00
11	2791.33	62.225	45.50	112.50	50.00	300.00	0.00	44.00	33.33	170.00
12	2771.44	59.225	47.50	112.50	50.00	300.00	0.00	44.00	33.33	170.00
13	2398.27	50.775	47.50	112.50	50.00	300.00	0.00	44.00	33.33	170.00
14	2236.16	61.775	49.50	112.50	50.00	300.00	0.00	44.00	33.33	170.00
3	2234.79	64.775	49.50	112.50	50.00	300.00	0.00	44.00	33.33	170.00
4	2171.44	64.775	49.50	112.50	50.00	300.00	0.00	44.00	33.33	170.00
OVERALL MEAN	2518.277	61.318	47.322	123.077	53.322	322.222	0.00	47.077	34.077	180.888
STANDARD ERROR	4.573	5.210	1.327	13.612	5.210	122.222	0.000	1.000	1.000	10.000
LSD 5%	1310.529	6.435	3.776	18.015	6.435	122.222	0.000	1.000	1.000	10.000
PROB. OF F VARIATION	1751.3824	0.12107	0.00490	0.73565	0.12107	122.222	0.000	1.000	1.000	10.000
COE. OF F VARIATION	36.3326	5.12907	6.3374	12.5077	5.12907	122.222	0.000	1.000	1.000	10.000
ENTRY	STREAKS	HR	PP	ERL	SL	P-HARV	E-HARV	F01ST		
1	0.00	1.25	1.00	0.33	0.00	47.00	34.27	180.88		
2	0.50	1.25	1.00	0.33	0.00	47.00	34.27	180.88		
6	0.75	1.25	1.00	0.33	0.00	47.00	34.27	180.88		
10	1.00	1.25	1.00	0.33	0.00	47.00	34.27	180.88		
11	1.50	1.25	1.00	0.33	0.00	47.00	34.27	180.88		
12	2.00	1.25	1.00	0.33	0.00	47.00	34.27	180.88		
13	2.50	1.25	1.00	0.33	0.00	47.00	34.27	180.88		
14	3.00	1.25	1.00	0.33	0.00	47.00	34.27	180.88		
OVERALL MEAN	0.50	1.25	1.00	0.33	0.00	47.00	34.27	180.88		
STANDARD ERROR	0.277	0.277	0.000	0.000	0.000	0.000	0.000	0.000		
LSD 5%	0.755	0.755	0.000	0.000	0.000	0.000	0.000	0.000		
PROB. OF F VARIATION	0.1992	0.8771	0.0000	0.4827	0.1992	0.0000	0.0000	0.0000		
COE. OF F VARIATION	172.1691	27.691	30.611	110.477	172.1691	179.279	179.279	179.279		

Table 1-4

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : IITA/SAFGRAD

LOCATION : KAMBICSE (BC) - BURKINA FASO

No OF REPS = 4 No CF ENTRIES = 14

ENTRY	YIELD	DY.FC	DY.SL	PL.ST	PL.RT	E.HT	RL	SL	P.HARV	E.HARV
13	4959.38	47.75	51.75	53.50	17.25	76.00	1.00	3.00	50.25	50.00
2	4561.55	46.25	50.75	51.25	15.80	75.50	1.00	3.00	50.25	49.75
3	4375.16	45.75	49.50	52.25	15.80	77.50	1.00	3.00	50.25	48.75
3	4164.77	45.75	49.50	52.25	15.80	77.50	1.00	3.00	50.25	48.75
5	4005.68	45.00	49.00	52.50	15.80	77.50	1.00	3.00	50.25	48.75
7	3983.98	46.75	51.25	52.50	15.80	77.50	1.00	3.00	50.25	48.75
12	3966.40	46.75	51.25	52.50	15.80	77.50	1.00	3.00	50.25	48.75
6	3964.51	46.75	51.25	52.50	15.80	77.50	1.00	3.00	50.25	48.75
4	3882.80	46.75	51.25	52.50	15.80	77.50	1.00	3.00	50.25	48.75
11	3878.42	46.75	51.25	52.50	15.80	77.50	1.00	3.00	50.25	48.75
10	3774.42	46.75	51.25	52.50	15.80	77.50	1.00	3.00	50.25	48.75
14	3749.74	46.75	51.25	52.50	15.80	77.50	1.00	3.00	50.25	48.75
14	3057.74	42.25	47.00	45.00	14.90	82.50	1.00	3.00	42.75	42.50
OVERALL MEAN	4010.01	46.00	50.27	52.14	15.40	73.94	3.22	3.00	50.28	46.98
STANDARD ERROR	419.90	0.587	0.671	1.598	4.047	12.198	1.224	0.533	2.282	2.660
LSD 5%	1203.12	0.681	0.922	4.579	11.594	35.028	3.508	1.018	5.966	7.620
PROB. OF VARIATION	0.3529	0.0000	0.0000	0.0211	0.1919	0.0379	0.4233	0.5395	0.966	1.516
COEF. OF VARIATION	20.943	0.2551	0.2648	6.130	5.246	11.355	70.320	92.903	8.284	11.521

ENTRY	N.E.ROT	HCYST	N.STREAK	STREAK	P.ASP	E.ASP	N.P.HUSK	ANTHE	L.SCORI	L.SCORE
13	0.00	17.15	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
2	0.00	15.75	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
3	0.00	16.52	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
3	0.00	14.33	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
5	0.00	17.93	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
7	0.00	15.23	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
12	0.00	16.62	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
6	0.00	16.92	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
4	0.00	17.18	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
11	0.00	14.15	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
14	0.75	17.15	0.00	0.00	1.38	1.70	0.75	49.75	1.70	3.00
OVERALL MEAN	0.089	17.382	0.018	0.36	1.643	2.000	0.911	48.554	1.876	3.143
STANDARD ERROR	0.155	2.332	0.067	0.134	0.311	0.205	0.227	0.611	0.217	0.306
LSD 5%	0.445	6.281	0.191	0.383	0.892	0.588	0.424	1.750	0.621	0.876
PROB. OF VARIATION	0.0719	0.2476	0.4697	0.4685	0.3974	0.365	1.5845	0.000	0.000	0.000
COEF. OF VARIATION	343.123	26.826	748.331	25.805	37.907	20.524	93.837	0.2517	22.287	19.449

ENTRY	FRL	ESL	RE.ROT
13	1.94	5.72	0.00
2	8.71	3.02	0.00
3	3.50	2.94	0.00
3	6.29	1.65	0.00
5	8.82	3.28	0.00
7	6.95	4.62	0.00
12	8.73	2.05	0.00
6	8.33	0.56	0.68
4	8.72	4.27	0.00
11	2.83	3.27	0.00
14	12.22	10.03	1.00
OVERALL MEAN	7.152	4.547	0.203
STANDARD ERROR	2.627	0.2910	0.353
LSD 5%	7.517	5.2824	1.0426
PROB. OF VARIATION	0.3932	0.2884	0.0450
COEF. OF VARIATION	73.357	82.288	72.650

* BC = Billons Cloisonnés (Tied ridges)

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

Table 1-5

COOPERATOR : SANOU JACOB

LOCATION : NIANGCLOKO - BURKINA FASO

No OF REPS = 4

No OF ENTRIES = 14

ENTRY	YIELD	BY FL	PL RT	E. HT	P. HARV	E. HARV	MOIST	HR	PP	DWT
11 TZE COMP. 3x4	4153.35	54.50	168.75	67.50	43.50	42.25	18.20	1.888	1.00	2.90
5 POUL 16 DR CC	3983.60	54.75	164.50	69.50	44.00	41.25	21.10	2.13	1.50	2.58
9 KAWANZIE	3503.35	55.25	165.00	63.25	43.50	42.75	18.20	1.63	1.00	2.20
6 POUL 16 DR C1	3724.54	55.25	168.00	71.00	43.50	40.50	18.90	2.00	1.00	3.40
3 FAR. 86 PL-16 HD	3715.01	55.00	169.50	72.75	43.25	43.00	20.10	2.13	1.00	2.40
13 SAFITA-2 RE	3460.48	55.75	164.00	73.75	43.50	42.50	19.13	1.75	1.00	2.80
10 DMR-ESRY	3457.23	55.75	181.25	84.25	44.00	43.00	19.20	2.13	1.00	2.63
7 POUL 16 DR C2	3411.13	55.00	165.00	69.50	44.00	43.00	19.20	2.13	1.00	2.85
4 KAM. 86 PL-16 DR	3325.44	55.25	160.75	65.75	43.25	42.25	19.60	2.00	1.00	2.03
1 ACR. 86 PL-16 DR	3256.64	55.75	161.50	70.75	44.00	43.00	19.60	1.88	1.00	2.80
8 KB(1) 84 TZESRW	3107.66	54.50	161.25	64.00	44.00	41.50	19.30	2.00	1.00	2.67
12 DR COMP. EARLY	2920.96	54.25	168.75	69.50	42.25	40.75	20.00	2.00	1.00	2.13
2 LAR. 86 PL-16 DR	2800.47	55.25	155.25	60.00	44.00	42.75	18.80	2.13	1.00	2.67
14 LOCAL CHECK	2476.53	56.25	177.75	85.25	43.50	41.75	19.60	2.00	1.00	2.53
OVERALL MEAN	3599.768	55.179	166.518	70.482	43.589	42.161	19.209	1.964	1.036	2.820
STANDARD ERROR	270.407	0.373	3.963	3.384	0.339	0.972	0.006	0.154	0.077	0.256
LSD 5%	774.772	1.069	11.354	9.696	0.971	2.786	0.019	0.442	0.221	0.733
LSD 1%	1935.543	1.429	15.175	12.959	1.298	3.724	0.025	0.591	0.295	0.979
PROB. OF F	0.0041	0.0220	0.0050	0.0001	0.0409	0.6567	0.0000	0.5124	0.0040	0.0654
COEF. OF VARIATION	15.907	1.352	4.759	9.602	1.555	4.612	0.068	15.711	14.898	18.135

ENTRY	P. ASP
11 TZE COMP. 3x4	2.50
5 POUL 16 DR CC	2.25
9 KAWANZIE	2.13
6 POUL 16 DR C1	2.13
3 FAR. 86 PL-16 HD	2.13
13 SAFITA-2 RE	2.38
10 DMR-ESRY	2.50
7 POUL 16 DR C2	1.88
4 KAM. 86 PL-16 DR	2.25
1 ACR. 86 PL-16 DR	2.50
8 KB(1) 84 TZESRW	2.50
12 DR COMP. EARLY	2.13
2 LAR. 86 PL-16 DR	2.75
14 LOCAL CHECK	2.13
OVERALL MEAN	2.295
STANDARD ERROR	0.227
LSD 5%	0.649
LSD 1%	0.868
PROB. OF F	0.4209
COEF. OF VARIATION	17.754

KUVT - 1 EARLY BROUGHT RESISTANT VARIETIES
 COOPERATOR : DR. CHARLES TIE
 LOCATION : MAROUA - CAMEROON

Table 1-6

No OF REPS = 4
 No OF ENTRIES = 14

ENTRY	YIELD	EV-FL	PL-ST	PL-HT	E-NT	HL	SL	P-HARV	E-HARV	N-E-ROT
11	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
13	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
12	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
14	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
9	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
4	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
3	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
5	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
7	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
8	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
10	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
2	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
OVERALL MEAN	5913.07	11.25	50.25	177.7	82.5	0.75	7.0	47.00	51.00	2305
STANDARD ERRCR	1110.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSD 5%	1577.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSD 1%	0.7352	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COEF. OF VARIATION	15.7017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ENTRY	MOIST	ERL	ERL	RE-ROT
11	10.0060	0.00	15.01	7.95
13	10.0060	0.00	15.01	7.95
12	10.0060	0.00	15.01	7.95
14	10.0060	0.00	15.01	7.95
9	10.0060	0.00	15.01	7.95
4	10.0060	0.00	15.01	7.95
3	10.0060	0.00	15.01	7.95
5	10.0060	0.00	15.01	7.95
7	10.0060	0.00	15.01	7.95
8	10.0060	0.00	15.01	7.95
10	10.0060	0.00	15.01	7.95
2	10.0060	0.00	15.01	7.95
OVERALL MEAN	10.0060	0.00	15.01	7.95
STANDARD ERRCR	0.0000	0.00	0.00	0.00
LSD 5%	0.0000	0.00	0.00	0.00
LSD 1%	0.0000	0.00	0.00	0.00
COEF. OF VARIATION	0.0000	0.00	0.00	0.00

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

Table 1-7

COOPERATOR : DR. CHARLES THE

LOCATION : SANGUERE - CAMEROON

No OF REPS = 4

No OF ENTRIES = 14

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RC	SC	E.HARV	N.E.ROT	ROTST
7 POOL 16 DR C2	5193.38	60.00	49.75	150.75	61.25	2.75	0.50	45.50	1.00	12.05
14 LOCAL CHECK	5155.72	75.50	39.00	187.50	74.75	0.25	0.50	38.50	0.25	12.68
4 KAM.86 PL-16 DR	4965.63	54.00	45.50	152.50	65.50	3.75	0.50	45.25	0.75	12.50
11 TZE COMP.3x4	4867.79	60.00	45.00	152.00	56.50	3.75	0.75	43.50	1.25	12.07
10 DMR-ESRY	4816.16	62.00	46.75	165.25	38.00	4.50	2.00	39.75	0.75	12.07
1 ACR.86 PL-16 DR	4300.10	55.00	44.75	153.50	62.75	2.00	0.00	44.00	1.25	11.90
8 KB(1) 84 TZE SRW	4073.38	58.00	47.75	153.50	61.00	4.25	0.25	44.25	0.50	12.40
12 DR COMP.EARLY	4633.96	58.00	44.50	154.50	65.75	4.50	0.75	42.00	2.75	12.63
13 SAFITA-2 RE	4603.74	58.00	44.25	148.50	71.25	3.00	0.50	41.50	1.25	12.77
3 FAR.86 PL-16 HD	4572.80	60.00	47.75	150.00	61.00	3.00	0.50	41.50	0.50	12.60
6 POOL 16 DR C1	4463.35	53.00	46.25	152.75	59.50	3.50	0.50	38.00	0.25	12.30
2 EAR.86 PL-16 DR	4401.29	58.00	46.50	146.25	64.00	3.00	0.00	37.75	1.00	12.60
9 KAWANZIE	4072.76	60.00	48.50	138.25	54.50	4.25	0.50	40.50	0.25	12.07
5 POOL 16 DR CO	4053.62	60.00	43.50	142.50	56.25	3.75	0.50	40.50	0.00	12.15
OVERALL MEAN	4562.470	59.393	45.696	153.875	64.429	3.732	0.554	41.607	0.893	12.286
STANDARD ERROR	261.272	0.134	1.947	3.739	4.659	0.946	0.392	2.297	0.443	0.239
LSU 5%	748.592	0.383	5.579	10.712	13.348	2.711	1.122	6.581	1.270	0.686
LSU 1%	1009.559	0.512	7.457	14.318	17.841	3.623	1.499	8.796	1.697	0.917
PROB. OF F	0.0904	0.0000	0.0756	0.0000	0.0011	0.0352	0.1794	0.2611	0.0232	0.1034
COEF. OF VARIATION	11.267	0.450	8.522	4.860	14.462	50.698	141.446	11.041	99.277	3.897

ENTRY	% ROT
7 POOL 16 DR C2	2.34
14 LOCAL CHECK	0.76
4 KAM.86 PL-16 DR	1.62
11 TZE COMP.3x4	3.89
10 DMR-ESRY	1.96
1 ACR.86 PL-16 DR	2.34
8 KB(1) 84 TZE SRW	1.17
12 DR COMP.EARLY	0.49
13 SAFITA-2 RE	3.06
3 FAR.86 PL-16 HD	2.37
6 POOL 16 DR C1	1.14
2 EAR.86 PL-16 DR	2.47
9 KAWANZIE	0.53
5 POOL 16 DR CO	0.90
OVERALL MEAN	2.126
STANDARD ERROR	1.947
LSU 5%	3.966
LSU 1%	4.069
PROB. OF F	0.0250
COEF. OF VARIATION	93.535

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

Table 1-8

COOPERATOR : DR. CHARLES THE

LOCATION : SGUCOUNDOU - CAMEROON

No OF REPS = 4

No OF ENTRIES = 14

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT	MOIST
13 SAFITA-2 RE	3381.82	558.75	166.75	73.75	0.50	5.50	48.50	46.75	0.00	11.05
4 KAM.86 PL-16 DR	3655.19	555.75	157.25	67.50	1.25	4.75	50.75	46.75	1.00	10.95
11 TZE COMP.3x4	3596.20	555.25	158.00	70.25	2.25	6.50	50.75	45.50	0.75	11.20
2 EAR.86 PL-16 DR	3367.21	555.00	149.25	65.00	2.00	5.75	48.75	44.25	0.50	11.25
9 KAWANZIE	3325.61	556.00	141.00	62.50	2.50	6.00	49.25	45.50	0.00	10.98
10 DMR-ESKY	3305.33	556.00	143.00	62.50	2.50	6.00	47.00	41.00	0.25	10.85
3 FAR.86 PL-16 HD	3242.44	556.50	163.50	62.25	3.50	6.00	50.50	45.25	0.00	10.60
8 KB(1) 84 TZESRW	3240.35	557.25	150.50	60.50	3.75	6.75	48.75	44.00	1.00	11.25
1 ACR.86 PL-16 DR	3124.71	557.25	169.25	76.00	1.25	7.25	48.00	43.00	0.00	10.95
6 POCL 16 DR C1	2993.98	557.00	149.50	68.00	3.00	9.25	48.25	47.00	0.50	10.95
12 DR COMP.EARLY	2800.87	555.75	169.75	67.25	3.75	8.25	45.25	39.75	0.00	10.75
5 POOL 16 DR CC	2723.20	556.00	157.75	63.25	3.00	8.50	47.75	43.00	0.75	10.85
14 LOCAL CHECK	2661.47	554.25	158.25	78.00	1.00	9.00	41.75	36.75	0.50	11.10
7 POCL 16 DR C2	2364.44	555.75	159.50	76.00	2.75	5.25	48.00	36.75	0.50	10.90
OVERALL MEAN	3163.345	56.974	159.875	69.482	2.500	6.768	48.089	43.232	0.411	10.973
STANDARD ERRCK	403.838	0.732	8.193	4.029	1.165	1.255	2.004	3.086	0.315	0.188
LSU 5%	1157.078	2.096	23.474	11.543	3.338	3.596	5.743	8.842	0.903	0.539
LSU 1%	1546.524	2.562	31.375	15.429	4.462	4.807	7.676	11.817	1.206	0.720
PROB. OF F	0.4014	0.0000	0.0891	0.0060	0.4347	0.2329	0.2137	0.2766	0.1962	0.4821
COEF. OF VARIATION	25.532	2.569	10.249	11.597	93.213	37.092	8.336	14.276	153.406	3.427

ENTRY	ERE	ESC	RE.FCT
13 SAFITA-2 RE	0.96	11.31	0.00
4 KAM.86 PL-16 DR	2.61	9.26	2.16
11 TZE COMP.3x4	4.42	12.85	1.69
2 EAR.86 PL-16 DR	4.04	11.78	1.35
9 KAWANZIE	5.41	12.34	0.00
10 DMR-ESKY	9.61	13.32	0.68
3 FAR.86 PL-16 HD	0.94	11.90	0.00
8 KB(1) 84 TZESRW	7.83	13.84	2.29
1 ACR.86 PL-16 DR	2.64	14.90	0.00
6 POCL 16 DR C1	9.37	19.25	0.98
12 DR COMP.EARLY	3.27	18.43	0.00
5 POOL 16 DR CC	6.65	18.13	1.82
14 LOCAL CHECK	2.94	13.35	1.49
7 POCL 16 DR C2	5.99	19.01	1.22
OVERALL MEAN	5.334	14.263	0.978
STANDARD ERRCK	2.546	2.867	0.761
LSU 5%	7.294	8.214	2.181
LSU 1%	9.748	10.979	2.915
PROB. OF F	0.5036	0.2870	0.2615
COEF. OF VARIATION	9.442	40.202	155.667

RUVI - 1 EARLY DROUGHT RESISTANT VARIETIES
 COOPERATOR : J.M. KAFARA

Table 1-9

LOCATION : SOMBE-CENTRAL AFRICQUE

No OF KEPS = 4

10 OF ENTITIES = 14

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.FOT	DTSE
3 FAR-80 PL-16 HD	4172.77	48.75	222.50	67.25	13.75	0.75	37.00	37.50	4.00	2.25
4 KAF-86 PL-16 DK	4150.79	47.75	220.50	67.25	13.75	0.75	37.00	37.50	4.00	2.25
7 DMR-ESRY	3984.24	48.50	207.50	67.25	13.75	0.75	37.00	37.50	4.00	2.25
10 EAR-86 PL-16 DK	3811.70	50.00	237.50	67.25	13.75	0.75	37.00	37.50	4.00	2.25
11 ACH-86 PL-16 DK	3545.04	51.50	208.50	67.25	13.75	0.75	37.00	37.50	4.00	2.25
12 KAWANZIE	3533.76	50.00	201.75	67.25	13.75	0.75	37.00	37.50	4.00	2.25
6 DR COMP. EARLY	3525.23	47.00	221.75	67.25	13.75	0.75	37.00	37.50	4.00	2.25
13 SAFITA-2 RE	3294.06	50.00	220.00	67.25	13.75	0.75	37.00	37.50	4.00	2.25
14 LOCAL CHECK	3237.20	52.00	226.25	67.25	13.75	0.75	37.00	37.50	4.00	2.25
11 TZE COMP. 3x4	3121.51	50.00	218.50	67.25	13.75	0.75	37.00	37.50	4.00	2.25
8 KB(1) 84 TZE	3121.51	50.00	217.50	67.25	13.75	0.75	37.00	37.50	4.00	2.25
5 POOL 16 DK CC	3121.51	50.00	217.50	67.25	13.75	0.75	37.00	37.50	4.00	2.25
OVERALL MEAN	3499.771	49.571	214.679	67.25	13.75	0.75	37.00	37.50	4.00	2.25
STANDARD ERROR	465.345	0.477	7.507	0.568	0.288	0.275	0.832	0.849	0.231	0.237
LSD 5%	1333.304	1.353	21.510	1.550	0.414	1.055	3.113	3.144	0.747	0.780
LSD 1%	1782.066	1.808	28.710	2.021	0.548	1.336	4.049	4.082	0.982	1.038
PROB. OF F VARIATION	0.76553	0.00005	0.08222	0.00213	0.01448	0.00555	0.08449	0.08823	0.2137	0.2157
COEF. OF VARIATION	26.5993	1.905	6.9994	2.441	0.372	0.736	2.231	2.173	5.0913	5.1913

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.FOT	DTSE
3 FAR-80 PL-16 HD	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
4 KAF-86 PL-16 DK	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
7 DMR-ESRY	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
10 EAR-86 PL-16 DK	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
11 ACH-86 PL-16 DK	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
12 KAWANZIE	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
6 DR COMP. EARLY	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
13 SAFITA-2 RE	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
14 LOCAL CHECK	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
11 TZE COMP. 3x4	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
8 KB(1) 84 TZE	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
5 POOL 16 DK CC	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
OVERALL MEAN	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
STANDARD ERROR	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
LSD 5%	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
LSD 1%	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
PROB. OF F VARIATION	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39
COEF. OF VARIATION	33.31	44.97	1.83	1.87	13.01	0.275	30.00	30.26	4.10	2.39

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES
 COOPERATOR : GARU AGRIC. STATION
 LOCATION : GARU - GHANA

No OF REPS = 4 No OF ENTRIES = 14

Table 1-11

ENTRY	YIELD	DY.FL	%GERM	PL.HT	E.HT	P.HARV	E.HARV	N.E.ROT	DWT	%E.ROT
13	SAFITA-2 RE	1930	56.00	88.10	57.50	36.10	41.75	7.50	35.55	16.20
3	FAR-86 PL-16 HD	1631	54.75	91.25	67.50	40.00	41.00	5.50	35.77	11.19
30	POOL-ESRY DR CG	1556	54.50	92.15	67.50	42.75	40.25	7.50	35.50	21.20
10	DMR-ESRY DR CG	1538	56.25	87.40	59.00	42.75	42.25	9.50	35.50	21.20
8	KBC(1) 84 TZESRW	1380	56.25	87.40	59.00	42.75	42.25	9.50	35.50	21.20
6	POOL-16 DR C1	1380	55.75	89.50	59.00	43.25	43.25	8.50	35.50	21.20
12	DR CUMPL-EARLY DR	1330	56.00	86.47	55.00	45.25	43.50	14.75	35.50	19.08
4	KAM-86 PL-16 DR	1305	57.25	80.55	55.00	43.25	43.25	8.50	35.50	14.27
11	AGR-86 PL-16 DR	1255	57.25	91.38	55.00	43.25	43.25	11.00	35.50	12.53
7	POOL-16 PL-16 DR	1079	56.50	71.15	55.00	44.00	44.00	11.00	35.50	22.31
2	EAR-86 PL-16 DR	1054	56.50	86.35	55.00	44.00	44.00	11.00	35.50	22.31
9	KAWANZIE	803	56.25	82.90	55.00	42.50	42.50	11.00	35.50	22.31
14	CHECK GARU YELLOW	651	55.25	72.55	48.10	39.50	38.25	21.25	35.50	54.60
OVERALL MEAN		1305	58.00	83.32	57.76	43.35	43.35	10.70	35.35	24.92
STANDARD ERROR		225	0.90	3.56	1.58	3.21	3.21	0.60	1.23	5.91
LSD 5%		650	2.59	10.13	4.29	10.21	10.21	1.45	2.72	16.96
LSD 1%		871	3.46	13.33	5.55	13.65	13.65	1.97	3.67	22.70
PROB. OF VARIATION		34.60	0.0000	0.0000	0.0027	0.5453	0.724	0.0018	0.1854	0.708
COEF. OF VARIATION			3.11	20.54	11.11	16.10	27.84	48.93	41.30	47.43

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

Table 1-14

COOPERATOR : N. COULIBALY

LOCATION : SCTUBA-MALI

No. OF REPS = 4

No CF ENTRIES = 14

ENTRY	YIELD	DF.FL	PL.ST	PL.HT	F.HT	RL	SL	P.HARV	E.HARV	MOIST
2 EAR.86 PL-16 DR	6236.67	48.00	51.75	178.75	82.50	7.25	0.75	50.25	51.50	20.22
1 ACR.86 PL-16 DR	6139.47	50.00	51.25	182.50	83.75	3.00	1.00	49.25	49.75	22.08
12 DR COMP. EARLY	6096.83	48.00	48.50	186.25	88.75	3.50	0.25	45.75	45.25	21.85
11 TZE COMP. 3x4	6047.27	49.00	52.00	175.00	76.25	2.75	1.25	49.25	49.50	22.34
6 POOL 16 DR C1	5926.24	49.25	50.75	176.25	77.50	5.00	0.50	48.75	48.50	21.31
8 KB(1) 84 TZESRW	5887.05	48.25	51.25	178.75	77.50	6.25	0.50	51.25	52.75	20.08
3 FAR.86 PL-16 HD	5663.39	49.00	51.00	177.50	79.75	5.00	1.00	49.00	48.75	20.33
5 POOL 16 DR C0	5637.26	43.75	50.00	182.50	81.25	7.25	1.00	47.00	47.00	20.74
10 DMK-ESRY	5625.55	51.50	50.00	190.00	83.75	6.25	2.00	44.25	43.50	20.57
13 SAFITA-2 RE	5608.44	43.50	50.00	185.00	86.25	4.50	1.00	46.00	46.00	21.11
7 POOL 16 DR C2	5197.41	49.25	51.50	172.50	71.25	6.50	0.50	48.00	48.25	20.30
9 KAWANZIE	5127.72	48.50	50.50	171.25	71.25	3.50	0.50	46.25	46.50	19.92
4 KAM.86 PL-16 DR	5112.35	49.25	49.00	181.25	82.50	4.00	0.25	43.00	45.25	22.21
14 LOCAL CHECK	4767.57	57.25	47.75	217.50	121.25	4.25	1.00	43.00	43.50	22.80
OVERALL MEAN	5648.037	49.667	50.304	182.500	83.036	4.929	0.821	47.214	47.571	21.146
STANDARD ERROR	357.067	0.331	1.371	4.265	4.077	1.626	0.443	2.062	1.713	0.630
LSD 5%	1023.070	0.950	3.729	12.220	11.681	4.660	1.270	5.909	4.909	1.806
LSD 1%	1367.413	1.269	5.252	16.333	15.613	6.228	1.697	7.898	6.561	2.414
PROB. OF F	0.1328	0.0000	0.4761	0.0000	0.0000	0.5644	0.3892	0.1251	0.0093	0.0163
COEF. OF VARIATION	12.644	1.336	5.453	4.674	9.820	65.998	107.910	8.737	7.203	5.963

ENTRY	DWTA	DWTE	ERC	ESC	SHELLS
2 EAR.86 PL-16 DR	5.07	4.75	14.54	1.74	0.88
1 ACR.86 PL-16 DR	4.95	4.13	6.11	2.09	0.83
12 DR COMP. EARLY	5.13	4.47	7.65	0.56	0.87
11 TZE COMP. 3x4	5.15	4.30	5.65	2.56	0.84
6 POOL 16 DR C1	4.70	4.15	10.19	1.04	0.89
8 KB(1) 84 TZESRW	4.80	4.15	1.77	0.98	0.86
3 FAR.86 PL-16 HD	4.75	4.16	10.28	2.22	0.88
5 POOL 16 DR C0	4.53	3.97	15.04	2.13	0.88
10 DMK-ESRY	4.57	3.90	13.99	4.45	0.85
13 SAFITA-2 RE	4.72	4.01	9.97	2.09	0.85
7 POOL 16 DR C2	4.20	3.67	13.13	1.07	0.88
9 KAWANZIE	4.18	3.55	7.39	1.05	0.85
4 KAM.86 PL-16 DR	4.50	4.07	9.00	0.52	0.85
14 LOCAL CHECK	3.95	3.17	9.94	2.30	0.81
OVERALL MEAN	4.657	4.013	10.379	1.751	0.857
STANDARD ERROR	0.227	0.232	3.259	0.949	0.022
LSD 5%	0.650	0.665	9.338	2.720	0.062
LSD 1%	0.869	0.888	12.480	3.636	0.083
PROB. OF F	0.0103	0.0222	0.5703	0.3215	0.3872
COEF. OF VARIATION	9.741	11.560	62.801	108.440	5.072

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

COOPERATOR : ABDU NDIAYE

LOCATION : FANAYE - SENEGAL

No OF REPS = 4

No OF ENTRIES = 14

Table 1-15

ENTRY	YIELD	CH.FL	PL.HT	F.HT	RC	SC	P.HARV	E.HARV	N.E.ROT	MOIST
10 DMR-ESRY	4159.86	47.75	162.50	85.00	5.00	0.50	20.50	22.25	2.00	8.73
7 POOL 16 DR C2	3429.30	48.75	129.00	61.25	2.75	0.50	17.00	18.00	1.50	9.35
3 FAR.86 PL-16 HD	3331.09	46.75	157.50	82.50	2.75	0.50	18.50	19.75	2.00	7.38
2 EAR.86 PL-16 DR	3220.67	47.50	153.75	70.00	2.25	1.00	15.25	15.50	0.25	8.20
4 KAM.86 PL-16 DR	3129.54	47.50	138.75	68.75	1.50	0.75	18.00	18.75	1.25	7.05
9 KAWANZIE	3115.96	46.25	150.00	76.25	1.75	2.00	18.25	20.25	2.00	8.57
6 POCL 16 DR C1	3077.96	48.75	145.00	71.25	4.00	0.50	13.00	15.00	0.25	8.63
14 LOCAL CHECK	3063.81	50.25	143.75	71.25	6.50	0.00	15.25	17.75	1.75	9.00
11 TZE COMP.3x4	2959.01	47.25	163.75	81.25	1.50	0.50	15.00	16.50	1.25	8.65
13 SAFITA-2 RE	2864.99	48.50	142.50	68.75	1.00	1.00	15.25	17.00	1.50	8.65
5 POCL 16 DR CC	2787.01	47.75	153.75	65.00	3.75	0.25	12.50	14.00	0.75	9.40
8 KB(1) 84 TZESRW	2566.05	48.75	142.50	68.75	2.25	0.25	13.75	16.25	1.00	8.10
1 ACR.86 PL-16 DR	2511.44	48.66	140.82	65.48	0.94	-0.17	11.12	11.58	0.30	7.75
12 DR COMP.EARLY	2363.33	48.50	141.25	57.50	0.50	0.50	11.00	12.25	0.75	8.60
OVERALL MEAN	3041.502	48.065	147.487	70.781	2.538	0.613	15.312	16.774	1.182	8.432
STANDARD ERROR	435.327	0.751	6.766	16.013	1.127	0.532	2.671	2.677	0.733	0.671
LSD 5%	1249.466	2.153	19.402	17.242	3.232	1.525	7.658	7.677	2.101	1.923
LSD 1%	1671.729	2.879	25.946	23.057	4.322	2.040	10.241	10.265	2.810	2.572
PROB. OF F	0.4240	0.0730	0.0384	0.0764	0.0143	0.4621	0.3426	0.2775	0.6731	0.4440
COEF. OF VARIATION	28.626	3.124	9.175	17.062	88.809	173.647	34.882	31.919	123.961	15.907

ENTRY	RUST	BLIGHT	STREAK	CURV	INST	DWT	%RC	%SC
10 DMR-ESRY	2.75	2.25	2.00	2.25	2.75	1385.00	24.69	1.79
7 POOL 16 DR C2	1.75	2.25	1.50	2.75	1.75	1420.00	18.10	2.81
3 FAR.86 PL-16 HD	2.00	2.50	2.00	1.50	1.50	1317.50	13.11	4.57
2 EAR.86 PL-16 DR	2.50	2.75	2.00	2.25	2.00	1235.00	13.89	5.55
4 KAM.86 PL-16 DR	2.25	2.25	1.75	2.25	2.25	1225.00	12.18	3.23
9 KAWANZIE	1.75	2.00	1.50	2.00	2.50	1185.00	11.16	8.02
6 POCL 16 DR C1	2.00	3.00	1.75	2.50	1.50	1210.00	32.82	3.84
14 LOCAL CHECK	1.75	2.00	1.75	2.75	1.50	1295.00	44.74	0.00
11 TZE COMP.3x4	2.00	2.25	2.50	2.50	2.00	1055.00	12.80	2.27
13 SAFITA-2 RE	1.75	2.00	1.75	2.00	2.00	1285.00	5.67	6.02
5 POCL 16 DR CC	1.75	2.50	2.50	2.50	2.00	1280.00	33.52	1.19
8 KB(1) 84 TZESRW	1.25	2.00	2.75	2.25	2.00	860.00	16.23	1.39
1 ACR.86 PL-16 DR	1.97	2.70	2.01	2.15	2.49	783.01	2.89	-0.78
12 DR COMP.EARLY	1.75	2.00	1.75	1.75	2.25	890.00	5.27	5.27
OVERALL MEAN	1.977	2.318	1.865	2.243	2.035	1173.251	17.333	3.226
STANDARD ERROR	0.408	0.426	0.447	0.441	0.374	214.159	8.256	2.809
LSD 5%	1.221	1.221	1.283	1.264	1.071	614.127	23.676	8.055
LSD 1%	1.563	1.632	1.716	1.690	1.433	821.239	31.660	10.772
PROB. OF F	0.6375	0.8476	0.7381	0.7987	0.3991	0.5904	0.0323	0.6782
COEF. OF VARIATION	41.934	36.731	45.533	39.304	36.718	36.507	93.647	174.141

Table 1-16

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES
 COOPERATOR : ABDJOU NDIAYE
 LOCATION : SOCAS - SENEGAL
 No OF REPS = 4
 No OF ENTRIES = 14

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL.RAT	SL.RAT	P.HARV	E.HARV	E.ROT
4 KAH-86 PL-16 DR	3080.00	47.00	42.75	123.25	67.50	4.50	3.00	20.75	34.00	4.25
13 SAFITA-2 RE	2885.99	47.00	42.00	122.50	59.00	5.00	3.00	21.50	35.00	4.25
11 POOL-86 PL-16 C1	2842.49	46.00	42.25	123.50	59.00	5.00	3.00	21.50	35.00	4.25
6 ACRL-86 PL-16 C1	2807.80	46.75	42.25	123.50	59.00	5.00	3.00	21.50	35.00	4.25
7 POOL-86 PL-16 DR	2673.53	46.25	43.75	124.25	61.25	5.00	3.00	22.50	35.00	4.25
3 POOL-86 PL-16 HD	2521.21	45.75	43.25	123.50	61.25	5.00	3.00	22.50	35.00	4.25
5 EAR-86 PL-16 HD	2430.04	45.75	43.25	123.50	61.25	5.00	3.00	22.50	35.00	4.25
2 EAR-86 PL-16 DR	2351.02	45.75	43.25	123.50	61.25	5.00	3.00	22.50	35.00	4.25
9 KAWANZIE EARLY	2215.93	44.75	42.50	122.50	59.00	5.00	3.00	21.50	35.00	4.25
8 KBC(1) 84 TZESRW	2118.35	44.75	42.50	122.50	59.00	5.00	3.00	21.50	35.00	4.25
10 DMR-ESRY	1846.00	44.75	42.50	122.50	59.00	5.00	3.00	21.50	35.00	4.25
14 LOCAL CHECK	1587.19	44.75	42.50	122.50	59.00	5.00	3.00	21.50	35.00	4.25
OVERALL MEAN	2425.153	46.557	42.779	123.089	63.196	4.806	3.057	20.700	34.250	4.287
STANDARD ERROR	319.000	0.445	0.260	1.470	1.027	0.227	0.133	0.100	0.258	0.287
LSD 5%	914.026	1.270	0.603	4.401	3.027	0.696	0.403	0.316	0.741	0.823
LSD 1%	1221.027	1.705	0.879	6.085	4.241	0.930	0.575	0.446	1.016	1.112
PROB. OF F VARIATION	0.0927	0.4460	0.2679	1.2336	0.8408	0.1623	0.0923	0.0705	0.1912	0.2099
COEF. OF VARIATION	26.308	1.1912	0.9071	5.1236	13.173	1.624	0.2428	1.5845	1.6566	1.1612
ENTRY	HOIST	INSECT								
7 KAH-86 PL-16 DR	12.77	3.00	7.00	12.08	63.196	4.806	3.057	20.700	34.250	4.287
13 SAFITA-2 RE	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
11 POOL-86 PL-16 C1	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
6 ACRL-86 PL-16 C1	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
7 POOL-86 PL-16 DR	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
3 POOL-86 PL-16 HD	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
5 EAR-86 PL-16 HD	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
2 EAR-86 PL-16 DR	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
9 KAWANZIE EARLY	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
8 KBC(1) 84 TZESRW	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
10 DMR-ESRY	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
14 LOCAL CHECK	12.57	3.00	7.00	11.70	59.00	5.00	3.00	21.50	35.00	4.25
OVERALL MEAN	12.495	3.00	7.00	12.08	63.196	4.806	3.057	20.700	34.250	4.287
STANDARD ERROR	0.417	0.272	0.162	1.417	1.027	0.227	0.133	0.100	0.258	0.287
LSD 5%	1.199	0.780	0.404	4.399	3.027	0.696	0.403	0.316	0.741	0.823
LSD 1%	1.178	1.042	0.510	6.085	4.241	0.930	0.575	0.446	1.016	1.112
COEF. OF VARIATION	6.681	1.310	1.431	5.123	13.173	1.624	0.242	1.584	1.656	1.161

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES
 COOPERATOR : BUREAU RECH. AGRONOMIQUE

Table 1-17

LOCATION : FERME DE GASSI - TCHAD

No OF REPS = 4

No OF ENTRIES = 14

ENTRY	YIELD	GY.FL	PL.FT	C.NT	SL	P.HARV	E.HARV	CSV	DWT
11 TZE COMP. 3x4	2227.41	49.75	187.50	81.25	1.00	3.50	20.75	0.00	1.77
3 FAR.86 PL-16 HD	2133.30	49.50	172.50	82.50	1.00	2.00	22.00	0.25	1.70
6 POCL 16 DR C1	2039.18	50.50	170.00	85.00	1.00	2.00	22.75	0.50	1.63
2 EAR.86 PL-16 DR	1913.69	48.50	162.50	82.50	1.50	2.50	24.25	0.50	1.52
5 POCL 16 DR CC	1850.95	50.25	172.50	87.50	1.50	2.50	21.50	0.50	1.48
12 DR COMP. EARLY	1788.20	50.75	180.00	90.00	2.00	2.50	20.00	0.50	1.52
9 KAWANZIE	1599.97	48.75	167.50	80.00	1.75	2.25	19.50	0.50	1.42
8 KB(1) 84 TZE SRV	1537.23	51.75	160.00	85.00	1.00	2.00	21.00	0.50	1.42
1 ACR.86 PL-16 DR	1505.86	50.50	165.00	82.50	1.50	2.50	17.50	0.50	1.23
4 KAM.86 PL-16 DR	1411.74	51.25	167.50	80.00	1.75	1.75	17.00	0.50	1.20
13 SAFITA-2 RE	1286.25	52.00	180.00	82.50	2.50	18.00	18.25	0.25	1.13
10 DMR-LSRY	1169.76	52.75	165.00	80.00	1.25	18.00	18.25	2.50	1.02
7 POCL 16 DR C2	874.39	53.25	202.50	110.00	1.00	3.00	19.05	0.00	0.93
14 LOCAL CHECK									
OVERALL MEAN	1651.224	50.929	172.500	87.054	1.857	2.643	18.647	0.434	1.316
STANDARD ERROR	295.383	1.173	6.205	5.188	0.863	0.971	2.235	0.430	0.236
LSD 5%	843.480	3.361	17.780	14.866	2.473	2.783	6.410	1.231	0.676
LSD 1%	1134.628	4.493	23.764	19.870	3.305	3.719	8.572	1.645	0.904
PROB. OF F	0.1015	0.0638	0.0011	0.0150	0.4131	0.8791	0.0214	0.0185	0.1015
COEF. OF VARIATION	35.836	4.607	7.195	11.920	92.951	73.496	23.975	185.042	35.838

ENTRY	OTH	%RL	%SL
11 TZE COMP. 3x4	13.70	5.47	22.09
3 FAR.86 PL-16 HD	13.45	4.22	9.48
6 POCL 16 DR C1	12.80	12.91	9.68
2 EAR.86 PL-16 DR	12.80	8.22	24.92
5 POCL 16 DR CC	12.50	19.81	11.93
12 DR COMP. EARLY	14.05	11.16	16.18
9 KAWANZIE	12.10	8.81	10.92
8 KB(1) 84 TZE SRV	12.95	6.21	13.48
1 ACR.86 PL-16 DR	11.90	10.71	19.06
4 KAM.86 PL-16 DR	13.40	11.14	8.76
13 SAFITA-2 RE	14.00	15.48	12.53
10 DMR-LSRY	13.05	6.94	13.09
7 POCL 16 DR C2	11.00	18.71	12.64
14 LOCAL CHECK	11.59	16.51	24.24
OVERALL MEAN	12.864	11.164	14.970
STANDARD ERROR	0.548	5.300	6.614
LSD 5%	1.861	15.199	18.966
LSD 1%	2.491	20.325	25.363
PROB. OF F	0.1451	0.5848	0.7400
COEF. OF VARIATION	10.071	94.953	88.360

RUVT - 1 EARLY DROUGHT RESISTANT VARIETIES

Table 1-18

COOPERATOR : H. RENEAUD & P. TOKY

LOCATION : BROUKOU - TOGO

No OF REPS = 4

No OF ENTRIES = 14

ENTRY	YIELD	DF.FC	PL.ST	PL.HT	E.HT	RC	SC	P.HARV	E.HARV	N.STREAK	
7	POOL 16 DR C2	4317.52	49.00	51.25	162.50	72.00	0.50	4.75	51.00	47.50	13.00
10	DMR-ESKY	4141.83	52.25	50.25	187.25	88.00	0.00	3.75	49.50	43.50	5.50
11	TZE COMP.3x4	4016.32	50.50	51.75	168.50	69.75	0.00	4.50	51.75	46.25	6.00
5	POOL 16 DR CO	3941.01	48.50	49.75	154.50	71.00	0.00	0.75	49.25	45.50	14.50
3	FAR.86 PL-16 HD	3915.91	48.75	50.50	164.00	73.50	0.00	4.50	49.50	45.75	7.25
1	ACR.86 PL-16 DR	3890.81	50.25	47.50	164.75	71.75	0.00	2.50	47.00	42.25	12.25
2	EAR.86 PL-16 DR	3715.10	48.50	51.25	155.25	67.25	0.00	2.00	50.00	44.25	9.00
13	SAFITA-2 RL	3564.48	49.75	51.00	131.50	67.50	0.00	2.00	48.75	44.75	9.75
8	KB(1) 84 TZESRW	3489.18	50.25	50.75	149.00	68.75	0.00	5.00	49.75	46.00	8.00
6	POOL 16 DR C1	3413.87	50.50	49.25	147.75	61.00	1.00	3.50	49.00	43.75	11.25
4	KAM.86 PL-16 DR	3363.67	50.75	49.50	156.50	67.00	0.00	1.75	48.75	43.25	10.25
12	DR COMP. EARLY	3087.55	50.25	50.00	160.50	73.25	0.00	1.50	47.75	40.25	14.00
9	KAWANZIE	2736.12	51.25	51.00	129.25	51.75	0.00	3.00	49.25	41.00	12.75
14	CHECK JANUE DE BRO	2635.71	49.50	49.75	163.00	78.25	0.00	1.50	46.75	37.00	15.75
OVERALL MEAN		3587.793	50.000	50.250	156.732	70.054	0.107	2.929	49.143	43.643	10.661
STANDARD ERROR		358.469	0.697	0.986	5.703	3.598	0.302	1.051	1.035	1.851	3.699
LSD 5%		1027.036	1.998	2.826	16.342	10.308	0.865	3.011	2.963	5.304	10.599
LSD 1%		1372.780	2.670	3.777	21.842	13.778	1.156	4.025	3.962	7.089	14.166
PROB. OF F		0.0480	0.0170	0.3054	0.0000	0.0000	0.5421	0.0804	0.0906	0.0238	0.6940
COEF. OF VARIATION		19.983	2.789	3.926	7.278	10.271	563.465	71.769	4.211	8.483	69.397

ENTRY	DWT	%RC	%SC
7	POOL 16 DR C2	4.30	0.86
10	DMR-ESRY	4.13	0.00
11	TZE COMP.3x4	4.00	0.00
5	POOL 16 DR CO	3.92	0.00
3	FAR.86 PL-16 HD	3.90	0.00
1	ACR.86 PL-16 DR	3.88	0.00
2	EAR.86 PL-16 DR	3.70	0.00
13	SAFITA-2 RL	3.55	0.00
8	KB(1) 84 TZESRW	3.47	0.00
6	POOL 16 DR C1	3.40	1.92
4	KAM.86 PL-16 DR	3.35	0.00
12	DR COMP. EARLY	3.08	0.00
9	KAWANZIE	2.72	0.00
14	CHECK JANUE DE BROU	2.63	0.00
OVERALL MEAN		3.573	0.206
STANDARD ERROR		0.357	0.580
LSD 5%		1.023	1.663
LSD 1%		1.367	2.223
PROB. OF F		0.0480	0.5421
COEF. OF VARIATION		19.983	563.465

RVU1 - 2 INTERMEDIATE & LATE VARIETIES

COOPERATOR : DOSSOU ROMUALD

LOCATION : BAGOU - BENIN

NO OF REPS = 4

NO OF ENTRIES = 13

Table 2-1

ENTRY	YIELD	DM.FL	PL.ST	PL.HI	F.HI	RL	SL	P.HARV	F.HARV	N.E.ROT
6	4803.85	52.25	37.50	175.25	80.00	1.00	2.50	34.50	31.75	2.50
EV 8444-SR										
13	4782.24	57.00	35.75	201.50	111.50	2.50	3.25	34.50	33.00	1.25
check 12B-SR										
7	4539.75	55.75	35.75	195.00	94.75	1.50	3.50	35.75	33.00	2.50
Okomasa										
4	4369.80	55.50	32.50	187.75	92.75	1.00	2.75	32.50	32.00	2.50
EV 8428-SR										
5	4123.37	55.25	36.50	207.75	106.75	1.00	2.50	32.00	32.00	2.50
EV 8428-SR										
9	4052.66	57.75	31.75	184.75	77.75	1.00	2.00	32.00	32.00	2.50
Mar. 7921-SR										
12	4047.61	58.75	31.25	199.50	93.75	1.00	1.75	30.50	32.00	2.50
TZPB-SR										
3	3628.41	58.25	31.25	199.50	93.75	1.00	1.75	30.50	32.00	2.50
GMS 8701										
10	3591.75	57.50	27.00	195.25	97.25	1.00	1.50	26.75	31.50	2.50
Ndock 8710										
8	3552.82	50.75	37.50	177.75	82.75	2.25	3.75	31.50	28.75	2.50
Lound 84 TZUT-Y										
2	3152.78	50.25	37.25	173.75	82.75	2.25	3.75	37.25	31.25	2.50
ACH 05 17SRW-1										
1	3065.58	54.25	22.25	162.75	70.50	1.50	2.00	21.50	33.00	2.50
AB 22										
OVERALL MEAN	4014.275	56.135	32.288	182.712	91.019	1.346	1.923	32.038	31.231	2.269
STANDARD ERROR	605.307	0.829	1.446	7.118	6.421	0.791	0.977	1.520	1.919	0.750
LSD 5%	1738.307	2.381	4.153	20.449	18.446	2.273	2.807	4.366	5.513	2.155
PROB. OF F	0.5326	0.0000	0.0000	0.0020	0.0015	0.0000	0.5174	0.0000	0.0019	0.7651
COEF. OF VARIATION	30.146	2.953	8.954	7.625	14.108	117.531	101.597	9.487	12.289	118.182
ENTRY	DISE.M	DISE.C	DISE.S	STR.CO	1000.GMT	%RL	%SL	%E.ROT		
6	EV 8444-SR	17.98	1.25	2.00	25.50	3.03	7.26	4.87	7.59	4.06
13	check 12B-SR	19.17	1.25	1.75	29.25	3.03	7.26	4.87	7.59	4.06
7	FAR. 85 17SRV-1	19.02	1.75	1.75	29.25	3.03	7.26	4.87	7.59	4.06
11	Okomasa	19.45	1.00	2.00	33.50	3.03	7.26	4.87	7.59	4.06
4	EV 8422-SR	19.56	1.75	1.75	33.50	3.03	7.26	4.87	7.59	4.06
5	EV 8428-SR	18.55	1.00	1.50	33.50	3.03	7.26	4.87	7.59	4.06
9	Mar. 7921-SR	19.53	1.25	2.00	33.50	3.03	7.26	4.87	7.59	4.06
12	TZPB-SR	20.65	1.25	1.50	33.50	3.03	7.26	4.87	7.59	4.06
3	GMS 8701	19.62	1.00	1.50	33.50	3.03	7.26	4.87	7.59	4.06
10	Ndock 8710	19.15	1.00	1.50	33.50	3.03	7.26	4.87	7.59	4.06
8	Lound 84 TZUT-Y	19.22	1.00	1.50	33.50	3.03	7.26	4.87	7.59	4.06
2	ACH 05 17SRW-1	18.15	1.00	1.50	33.50	3.03	7.26	4.87	7.59	4.06
1	AB 22	16.55	1.00	1.00	28.00	3.03	7.26	4.87	7.59	4.06
OVERALL FEAR	17.225	1.077	1.750	1.595	37.327	4.223	7.26	4.87	7.59	4.330
STANDARD ERROR	0.540	0.133	0.193	0.246	0.327	0.051	0.060	0.066	0.066	0.066
LSD 5%	1.552	0.381	0.556	0.706	0.917	0.181	0.257	0.257	0.257	0.257
PROB. OF F	0.0000	0.6510	0.0001	0.0001	0.0001	0.0000	0.6490	0.0000	0.0000	0.6711
COEF. OF VARIATION	3.271	24.658	22.100	39.785	108.874	125.153	98.093	128.717	128.717	128.717

RUVT - 2 INTERMEDIATE & LATE VARIETIES
 COOPERATOR : DOSSCU ROMUALD
 LOCATION : INA - BENIN

Table 2-2

No OF REPS = 4 No OF ENTRIES = 13

ENTRY	YIELD	DT.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HRV	E.HRV	N.E.ROT
EV 8444-SR	4879.03	57.50	42.25	207.55	106.25	3.25	3.25	42.25	40.25	1.00
Mar. 7921-SR	4556.95	60.75	43.25	201.25	112.50	3.50	3.50	43.25	40.25	1.00
check TZ6-SR	4519.16	56.40	43.25	222.25	110.75	3.25	3.25	43.25	40.25	1.00
Loumb 8701 TZLT-Y	4449.22	56.00	43.25	222.25	110.75	3.25	3.25	43.25	40.25	1.00
EV 8428-SR	4367.81	60.00	42.00	196.25	103.75	3.50	3.50	41.75	38.75	0.50
EV 8428-SR	4347.84	60.25	42.25	196.25	103.75	3.50	3.50	41.75	38.75	0.50
EV 8428-SR	4315.50	60.25	42.25	196.25	103.75	3.50	3.50	41.75	38.75	0.50
EV 8428-SR	4181.37	60.25	42.25	196.25	103.75	3.50	3.50	41.75	38.75	0.50
FAR.85 TZSRM-1	4104.01	60.25	42.25	196.25	103.75	3.50	3.50	41.75	38.75	0.50
TZPB-SR	4034.46	60.25	42.25	196.25	103.75	3.50	3.50	41.75	38.75	0.50
Okorasasa	4012.70	59.50	42.25	200.50	118.25	3.50	3.50	42.25	41.25	0.50
AB 22	4012.70	59.50	42.25	200.50	118.25	3.50	3.50	42.25	41.25	0.50
EV 8444-SR	4333.25	61.48	41.38	203.77	107.25	3.25	3.25	41.26	40.25	0.50
check TZ6-SR	550.16	2.33	0.43	37.53	20.09	1.70	1.70	3.50	3.25	0.43
LSD 5%	1560.56	2.00	0.00	60.17	0.51	0.70	0.70	0.42	0.43	0.43
PRCG. OF VARIATION	25.39	2.71	4.09	12.86	13.66	0.83	0.83	4.08	4.00	0.20

ENTRY	YIELD	DT.FL	PL.H	PL.HT	E.HT	RL	SL	P.HRV	E.HRV	N.E.ROT
EV 8444-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
Mar. 7921-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
check TZ6-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
Loumb 8701 TZLT-Y	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
EV 8428-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
EV 8428-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
EV 8428-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
EV 8428-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
FAR.85 TZSRM-1	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
TZPB-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
Okorasasa	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
AB 22	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
EV 8444-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
check TZ6-SR	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
LSD 5%	110.27	1.00	0.15	1.45	0.70	0.00	0.00	0.15	0.15	0.00
PRCG. OF VARIATION	6.87	0.11	0.14	0.37	0.11	0.15	0.15	0.11	0.11	0.04

Table 2-3

RUVT - 2 INTERMEDIATE & LATE VARIETIES

COOPERATOR : SANDU JACOB

LOCATION : FARAKC-BA (BURKINA-FASO)

No OF REPS = 4

% OF ENTRIES = 13

ENTRY	YIELD	DY.FL	GERM	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	MOIST
8	Loumb 84 TZUT-Y	61.75	42.00	132.75	62.50	1.50	0.00	42.00	31.75	12.18
7	FAR 85 TZSRV-1	69.50	41.25	154.50	64.00	0.50	0.00	42.75	33.00	16.13
9	Mar 8444-SR	70.00	40.25	154.50	65.75	0.50	0.25	41.50	30.75	18.05
6	EV 8422-SR	65.25	43.50	133.00	55.00	0.50	0.00	41.00	30.25	14.95
4	EV 8422-SR	67.25	43.50	133.00	61.75	0.50	0.00	41.00	30.25	17.02
11	Okomasa TZSRW-1	77.50	42.25	156.00	61.00	0.25	0.00	38.00	22.50	17.38
2	ACK 85 8710	71.50	42.25	166.00	67.50	0.00	0.25	41.50	24.00	17.08
10	NDock SR	74.50	38.25	163.00	73.25	0.00	0.00	38.50	24.00	17.23
12	TZPU 8701	71.75	38.25	162.00	78.00	0.00	0.25	37.75	27.75	15.90
13	CMS Local check	66.75	33.75	142.00	68.75	1.25	0.00	37.25	29.00	15.20
15	EV 8428-SR	68.75	31.25	148.50	58.50	1.25	0.25	34.75	22.50	15.90
1	AB 22	1747.34	31.25	128.50	52.50	1.25	0.00	31.75	22.50	13.77
OVERALL MEAN		223.255	39.558	150.315	65.519	0.635	0.077	39.327	27.442	16.458
STANDARD ERROR		571.939	2.061	5.109	4.150	0.435	0.133	2.274	3.027	1.058
LSD 5%		1068.737	5.922	14.649	11.959	1.672	0.381	6.534	8.696	3.040
LSD 1%		1431.570	7.928	19.000	15.959	2.272	0.511	8.747	11.642	4.070
PROB. OF F VARIATION		0.0000	0.00422	0.0000	0.0005	0.0519	0.6310	0.0217	0.2630	0.0012
COEF. OF VARIATION		32.412	10.422	6.784	12.667	141.329	345.205	11.566	22.061	12.874

ENTRY	STREAK	HM	PP	DWT	HDSK	%RL	%SL
8	Loumb 84 TZUT-Y	1.25	1.00	2.47	1.00	3.56	0.00
7	FAR 85 TZSRV-1	1.00	1.00	2.17	1.50	1.10	0.00
9	Mar 8444-SR	1.00	1.25	2.17	1.25	1.16	0.58
6	EV 8422-SR	1.25	1.00	2.09	1.50	1.11	0.00
4	EV 8422-SR	1.25	1.00	2.09	1.25	1.11	0.00
11	Okomasa TZSRW-1	1.00	1.00	1.47	1.25	1.58	0.58
2	ACK 85 8710	1.25	1.00	1.72	1.00	0.00	0.00
10	NDock SR	1.00	1.00	1.50	1.25	0.00	0.58
12	TZPU 8701	1.00	1.00	1.67	1.25	0.00	0.00
13	CMS Local check	1.00	1.00	1.67	1.25	0.00	0.58
15	EV 8428-SR	1.25	1.00	1.85	1.25	0.07	0.57
1	AB 22	1.00	1.25	1.85	1.25	3.59	0.00
OVERALL MEAN		1.096	1.038	1.821	1.250	1.607	0.178
STANDARD ERROR		0.153	0.099	0.302	0.205	1.247	0.307
LSD 5%		0.440	0.282	0.762	0.590	3.194	0.881
LSD 1%		0.590	0.382	1.162	0.790	4.031	1.179
PROB. OF F VARIATION		0.7572	0.5629	0.2949	0.9049	0.0381	0.6293
COEF. OF VARIATION		27.973	19.146	33.189	32.809	142.743	344.863

Table 2-4

RUVT - 2 INTERMEDIATE & LATE VARIETIES
 COOPERATOR : DR. CHARLES THE
 LOCATION : MAROUA -CAMEROON
 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
5 EV 8728-SR	5788	58.75	41.00	177.55	92.45	3.25	13.50	37.75	42.00	4.25
4 EV 8422-SR	5424	60.50	39.00	190.75	90.85	0.25	12.70	34.50	40.00	4.00
8 Loumb 84 TZUT-Y	5157	55.25	33.00	184.65	78.90	0.25	12.00	33.50	35.00	4.00
11 AB 22	5015	60.50	37.00	174.43	86.90	0.25	12.00	33.50	35.00	4.00
113 Local check	4893	61.25	41.25	177.75	90.50	0.50	11.80	33.50	35.00	4.00
12 ACB-SR	4798	60.00	42.50	181.65	87.85	0.75	10.25	32.00	37.00	4.00
2 FAR-85 TZSRW-1	4774	62.75	42.50	177.30	82.60	0.75	11.25	32.00	38.00	4.00
6 FAR-85 TZSRY-1	4727	60.00	41.25	189.18	91.40	0.00	11.25	32.00	38.00	4.00
7 CMS 8710	4622	59.25	40.75	181.85	91.40	0.25	11.00	32.00	38.00	4.00
10 Okomas 8701	4600	60.75	39.75	181.85	91.40	0.25	11.00	32.00	38.00	4.00
11 Mar. 7921-SR	4543	62.25	40.25	172.80	83.75	1.50	11.50	32.00	37.00	5.00
OVERALL MEAN	4867	60.71	40.84	180.01	87.96	1.17	11.71	36.59	42.34	4.50
STANDARD ERROR	543	1.70	1.80	7.49	6.43	0.93	0.93	2.69	2.13	0.96
LSD 5%	1561	4.88	5.17	21.52	18.49	2.69	2.69	8.07	6.73	2.78
PROB. OF F VARIATION	0.97229	0.11772	0.8008	0.8653	0.6812	0.1721	0.4427	0.7670	0.7364	0.1091
COEF. OF VARIATION	22.3229	5.671	8.812	8.323	14.640	160.088	50.093	12.948	11.138	43.088

ENTRY	HOIST	TRL	SL	E-ROT
5 EV 8728-SR	10.20	8.06	37.22	10.24
4 EV 8422-SR	9.88	1.93	26.86	10.99
8 Loumb 84 TZUT-Y	10.05	6.55	21.07	11.70
11 AB 22	9.88	2.50	39.43	11.76
113 Local check	9.60	1.43	25.27	11.00
12 TZPB-SR	10.25	0.03	29.14	12.04
2 ACB-SR	10.25	0.03	29.14	12.04
6 FAR-85 TZSRW-1	9.63	2.33	32.99	11.89
7 FAR-85 TZSRY-1	10.43	0.43	32.99	11.89
10 Ndock 8710	9.52	0.60	32.99	11.89
11 CMS 8701	9.98	0.60	32.99	11.89
9 Okomas 8701	9.98	0.60	32.99	11.89
9 Mar. 7921-SR	9.25	0.95	32.44	11.33
OVERALL MEAN	9.89	3.14	32.33	11.81
STANDARD ERROR	0.329	0.146	0.83	0.62
LSD 5%	0.944	0.416	2.34	0.75
PROB. OF F VARIATION	0.4830	0.1192	0.4636	0.1536
COEF. OF VARIATION	6.842	15.8614	5.1374	4.4368

RUVT - 2 INTERMEDIATE & LATE VARIETIES

COOPERATOR : DR. CHARLES THE

LOCATION : SANGUERE - CAMEROON

No OF REPS = 4

No OF ENTRIES = 13

Table 2-5

ENTRY	YIELD	DY.FC	PL.ST	PL.HT	E.HT	RL	SL	E.HARV	N.E.ROT	MOIST
3 CMS 8701	7325.08	62.00	29.75	234.00	118.50	0.50	0.25	38.25	0.00	11.45
13 Local check	7287.20	62.00	39.25	225.50	119.75	1.75	0.50	38.00	0.50	11.60
10 Ndock 8710	7208.78	61.25	34.75	238.00	116.00	0.25	0.00	35.50	0.00	12.60
5 EV 8428-SR	6987.40	54.00	37.25	221.00	98.50	1.75	0.25	41.00	0.50	11.25
9 Mar. 7921-SR	6961.07	60.25	40.50	216.50	110.50	2.25	0.25	37.50	0.50	11.60
2 ACR.85 TZSRW-1	6858.78	61.25	40.50	225.75	121.25	1.00	0.25	40.25	0.25	11.60
12 TZPB-SR	6795.28	64.00	37.50	233.50	119.25	2.00	0.00	37.00	0.25	11.45
4 EV 8422-SR	6564.69	62.25	39.00	235.50	107.50	1.25	0.00	33.00	1.25	11.15
11 Okomasa	6308.67	65.00	37.50	223.25	109.25	1.75	0.00	40.50	0.75	12.25
7 FAR.85 TZSRY-1	5794.48	59.50	40.00	225.00	120.00	1.00	0.25	36.75	2.00	12.10
8 Loumb 84 TZUT-Y	5570.82	61.50	36.50	207.00	95.00	1.50	0.25	35.25	1.50	11.65
1 AB 22	5551.36	54.00	25.50	184.75	84.00	0.75	0.50	35.50	0.75	11.15
6 EV 8444-SR	5000.80	53.00	35.50	193.75	87.75	1.25	0.25	35.75	0.75	10.95
OVERALL MEAN	6478.032	60.000	36.423	220.269	108.250	1.308	0.212	37.250	0.692	11.600
STANDARD ERROR	488.869	1.050	2.394	7.671	6.529	0.572	0.214	2.248	0.500	0.274
LSD 5%	1404.460	3.017	6.879	22.038	18.756	1.643	0.614	6.457	1.437	0.788
PROB. OF F	0.0191	0.0000	0.0024	0.0002	0.0007	0.3984	0.7862	0.3979	0.2202	0.0058
COEF. OF VARIATION	15.093	3.501	13.148	6.965	12.062	87.447	202.056	12.067	144.522	4.726

ENTRY	%E.ROT
3 CMS 8701	0.00
13 Local check	1.35
10 Ndock 8710	0.00
5 EV 8428-SR	1.25
9 Mar. 7921-SR	1.28
2 ACR.85 TZSRW-1	0.60
12 TZPB-SR	0.60
4 EV 8422-SR	3.55
11 Okomasa	1.78
7 FAR.85 TZSRY-1	5.32
8 Loumb 84 TZUT-Y	4.44
1 AB 22	1.91
6 EV 8444-SR	2.27
OVERALL MEAN	1.873
STANDARD ERROR	1.383
LSD 5%	3.974
PROB. OF F	0.1995
COEF. OF VARIATION	147.719

RUVT - 2 INTERMEDIATE & LATE VARIETIES

Table 2-6

COOPERATOR : DR. TWUMASI

LOCATION : DAMONGC - GHANA

No OF REPS = 4

No OF ENTRIES = 13

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT	MOIST
12 TZPB-SR	5464.11	63.25	190.00	87.00	25.75	2.75	36.50	37.25	5.00	22.50
13 Local check	5069.04	64.00	216.50	107.75	33.50	1.75	37.25	36.50	7.00	21.38
10 Ndock 8710	5052.92	63.25	210.25	106.00	22.25	1.00	32.50	32.00	4.00	21.63
5 EV 8428-SR	4814.73	61.50	185.75	86.00	25.25	1.00	36.50	35.75	7.00	21.63
4 EV 8422-SR	4739.43	62.25	191.50	95.00	31.25	0.75	38.00	38.00	8.00	21.75
3 CMS 8701	4631.32	63.75	206.75	95.50	26.50	1.00	32.50	33.75	7.00	22.63
9 Mar. 7921-SR	4604.51	63.50	168.25	85.75	21.50	0.50	31.25	32.75	3.00	21.25
11 Okomasa	4504.67	64.50	202.00	94.50	12.00	1.75	32.50	32.50	1.50	21.75
2 ACR.85 TZSRW-1	4472.29	62.00	184.00	93.00	22.25	3.00	34.75	35.50	3.75	20.63
8 Loumb 84 TZUT-Y	4319.97	57.25	205.00	91.25	25.75	2.00	34.75	35.00	6.50	19.00
7 FAR.85 TZSRY-1	3664.89	61.75	197.75	91.25	23.00	0.25	33.50	33.50	3.50	21.50
6 EV 8444-SR	3657.90	57.50	186.50	84.00	26.50	1.00	29.00	30.75	5.00	20.38
1 AB 22	2990.85	60.75	168.00	82.50	12.00	2.00	22.75	22.75	2.75	20.63
OVERALL MEAN	4760.509	61.942	193.250	92.269	23.654	1.742	33.212	33.308	4.923	21.279
STANDARD ERRCR	326.102	0.480	11.721	8.124	2.980	0.718	2.178	2.115	1.123	0.879
LSD 5%	936.351	1.379	33.672	23.339	8.563	2.063	6.258	6.076	3.226	2.526
PROB. OF F	0.0003	0.0000	0.1227	0.5394	0.0003	0.2215	0.0018	0.0013	0.0030	0.3361
COEF. OF VARIATION	14.622	1.550	12.130	17.609	25.201	99.559	13.119	12.700	45.619	8.265

ENTRY	STREAK	RUST.P.	BLT.F.	COB.ASF	%RL	%SL	%E.ROT
12 TZPB-SR	1.00	1.00	2.00	2.75	70.21	7.15	13.55
13 Local check	3.75	2.00	2.50	2.25	89.62	4.82	18.65
10 Ndock 8710	1.00	2.00	2.25	2.25	67.51	2.67	12.75
5 EV 8428-SR	1.00	1.00	3.00	2.50	69.32	2.80	19.27
4 EV 8422-SR	1.00	1.50	2.00	3.25	82.43	1.92	21.28
3 CMS 8701	1.00	2.25	2.75	3.00	82.76	2.70	20.64
9 Mar. 7921-SR	1.00	2.00	2.00	2.50	68.42	1.39	9.10
11 Okomasa	1.00	2.25	2.75	3.00	36.38	5.03	5.08
2 ACR.85 TZSRW-1	1.00	2.00	2.50	3.25	63.66	8.43	10.61
8 Loumb 84 TZUT-Y	1.00	3.00	2.00	2.75	73.27	5.74	18.16
7 FAR.85 TZSRY-1	1.00	2.00	3.25	2.75	69.40	0.66	10.76
6 EV 8444-SR	1.00	2.50	2.25	3.25	90.80	3.12	16.29
1 AB 22	1.00	3.00	2.50	3.00	48.27	9.08	12.95
OVERALL MEAN	1.212	2.038	2.442	2.808	70.157	4.271	14.546
STANDARD ERRCR	0.069	0.366	0.271	0.380	7.094	2.098	3.167
LSD 5%	0.199	1.051	0.777	1.093	20.380	6.026	9.097
PROB. OF F	0.0000	0.0072	0.0268	0.5788	0.0002	0.1206	0.0193
COEF. OF VARIATION	11.446	35.890	22.153	27.103	20.223	98.218	43.541

Table 2-7

RUVT - 2 INTERMEDIATE & LATE VARIETIES
 COOPERATOR : DR. TWUMASI
 LOCATION : NYANKPALA - GHANA
 No OF REPS = 4 No OF ENTRIES = 13

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT	ROTST
4 EV 8422-SR	7915.03	60.00	187.00	84.50	28.00	0.50	72.75	41.75	2.25	18.70
11 Okomasa TZSRM-1	6364.36	61.25	196.00	100.75	16.50	0.50	40.00	40.00	1.75	18.50
2 ACR 85 TZSRM-1	6277.64	62.50	204.50	83.50	17.75	0.25	41.25	41.25	1.50	18.50
9 TZPB-SR	6200.34	61.75	187.25	86.25	16.00	0.25	42.25	40.25	1.50	18.50
12 Ndock 8710	6021.63	61.50	194.75	86.25	21.75	0.00	42.25	40.00	1.75	19.13
13 Local check	5928.78	62.00	198.00	86.25	20.00	1.00	42.00	36.00	2.25	18.50
5 EV 8444-SR	5922.22	59.00	207.75	79.00	20.50	1.00	42.25	42.25	1.75	18.50
7 FAR 85 TZSRV-1	5487.35	55.75	177.50	79.25	25.75	1.25	42.25	42.25	1.50	18.50
8 CMS 8701 TZUT-Y	5202.10	57.75	190.75	89.00	19.50	1.25	41.25	39.25	1.75	18.50
3 Loumb 84 TZUT-Y	4459.60	57.00	201.75	81.00	24.50	1.25	42.25	39.25	1.75	18.50
8 AB 22	4446.05	58.25	147.00	88.50	22.25	1.75	38.75	36.75	1.75	17.13

ENTRY	STREAK	RUST.P.	BLT.P.	CURV	COB.ASP	RL	SL	P.HARV	E.HARV	N.E.ROT	ROTST
4 EV 8422-SR	2.00	2.75	3.00	3.50	1.00	0.00	0.00	1.14	5.18	0.97	18.70
11 Okomasa TZSRM-1	1.00	2.25	3.00	3.50	1.50	0.00	0.00	1.30	3.18	0.77	18.50
2 ACR 85 TZSRM-1	1.75	2.75	3.50	3.50	1.75	0.00	0.00	1.38	4.26	0.52	18.50
9 TZPB-SR	1.00	2.25	3.50	3.50	1.00	0.00	0.00	1.57	3.61	0.00	18.50
12 Ndock 8710	1.50	2.25	3.50	3.50	2.00	0.00	0.00	1.04	4.19	0.93	19.13
13 Local check	1.00	2.25	3.50	3.50	1.00	0.00	0.00	0.64	3.42	0.23	18.50
5 EV 8444-SR	1.00	2.25	3.50	3.50	2.00	0.00	0.00	0.39	3.16	0.16	18.50
7 FAR 85 TZSRV-1	1.00	2.25	3.50	3.50	2.00	0.00	0.00	0.39	3.16	0.16	18.50
8 CMS 8701 TZUT-Y	2.25	2.25	3.50	3.50	2.25	0.00	0.00	1.87	4.16	0.08	18.50
3 Loumb 84 TZUT-Y	2.25	2.25	3.50	3.50	2.25	0.00	0.00	1.93	3.59	0.47	18.50
8 AB 22	2.25	2.25	3.50	3.50	3.30	0.00	0.00	1.61	2.56	0.47	17.13

OVERALL MEAN	STANDARD ERRCR	PROB. OF F VARIATION	COEF. OF VARIATION
1.596	0.368	0.0003	0.0064
1.265	0.056	0.0001	0.0011
0.265	0.0003	0.0002	0.0011
46.0664	18.254	13.822	18.201
0.019	0.209	0.0002	0.0009
0.248	0.679	0.0000	0.0009
0.248	0.679	0.0000	0.0009
56.260	23.731	29.076	29.448
0.791	0.559	0.739	0.739
2.539	0.294	0.0015	0.0015
70.358	70.358	70.358	70.358

RUVT - 2 INTERMEDIATE & LATE VARIETIES
 COOPERATION : INST. RECH. AGRON.

Table 2-8

LOCATION : BORDO-KANKAN (GUINEA)
 No OF REPS = 4
 No OF ENTRIES = 13

ENTRY	YIELD	CV.FL	PL.HT	ENT	FL	SL	P.HARV	E.HARV	N.E.ROT	MOIST
3	7494.37	62.75	215.00	27.50	30.00	17.50	40.50	38.00	0.50	13.88
12	6904.64	61.75	200.00	102.50	30.00	17.50	43.25	37.00	0.50	12.88
11	6734.41	61.25	205.00	100.00	25.00	14.00	43.00	37.00	0.50	13.10
2	6717.92	63.75	177.50	87.50	25.00	15.00	42.50	41.00	1.25	13.07
6	6699.72	56.00	192.50	92.50	25.00	17.00	43.00	41.00	1.25	13.07
4	6461.31	61.50	192.50	85.00	25.00	17.00	43.00	42.00	1.25	13.57
8	6223.31	56.25	190.00	85.00	25.00	15.00	42.00	42.00	1.25	13.57
7	6162.31	63.50	187.50	85.00	25.00	15.00	42.00	42.00	1.25	13.57
10	6031.13	61.50	177.50	77.50	25.00	15.00	42.00	42.00	1.25	13.57
5	5859.13	61.50	177.50	77.50	25.00	15.00	42.00	42.00	1.25	13.57
9	5841.33	61.75	172.50	72.50	25.00	15.00	42.00	42.00	1.25	13.57
13	5760.51	57.75	162.50	72.50	25.00	15.00	42.00	42.00	1.25	13.57
13	5435.67	67.75	210.00	107.50	30.00	18.00	43.25	39.00	1.00	12.15
OVERALL MEAN	6333.197	61.765	193.774	90.172	32.77	15.231	41.358	39.308	0.865	13.283
STANDARD ERROR	471.113	1.192	0.355	6.330	2.522	1.143	1.370	1.678	0.534	0.508
LSD 5%	1353.451	3.426	18.257	18.144	7.620	3.156	5.935	8.200	1.535	1.460
LSD 1%	1811.370	4.586	24.440	24.343	10.201	4.241	8.267	11.452	2.055	1.954
COEFF. OF VARIATION	14.13878	0.0000	0.0000	0.0146	0.26307	0.86156	0.00391	0.2491	0.1911	0.7651

ENTRY	HLT	RUST	FWT	SKL	ESL	REKOT
3	1.00	1.00	5.50	21.89	40.40	10.77
12	1.00	1.00	5.50	19.61	32.84	12.44
11	1.00	1.00	5.50	17.78	32.90	12.44
2	1.00	1.00	5.50	19.98	36.94	11.45
6	1.00	1.00	5.50	27.33	37.04	11.45
4	1.00	1.00	5.50	27.33	36.94	11.45
8	1.00	1.00	5.50	27.33	36.94	11.45
7	1.00	1.00	5.50	27.33	36.94	11.45
10	1.00	1.00	5.50	27.33	36.94	11.45
5	1.00	1.00	5.50	27.33	36.94	11.45
9	1.00	1.00	5.50	27.33	36.94	11.45
13	1.00	1.00	5.50	27.33	36.94	11.45
OVERALL MEAN	1.00	1.00	5.50	22.49	36.94	11.45
STANDARD ERROR	0.224	0.142	0.386	0.534	0.777	0.131
LSD 5%	0.024	0.047	1.109	1.871	3.449	0.176
LSD 1%	0.062	0.144	1.485	2.571	6.819	0.404
COEFF. OF VARIATION	24.276	0.25824	0.1928	6.5144	20.278	1.2097

RUVT - 2 INTERMEDIATE & LATE VARIETIES
 COOPERATOR : ABDU NDIAYE
 LOCATION : FANAYE - SENEGAL
 No OF REPS = 4

No OF ENTRIES = 13

Table 2-10

ENTRY	TZPB-SR	YIELD	DY-FL	PL-HT	E-HT	RL	SL	P-HARV	E-HARV	N.E-ROT	RUST
12	Okomasa	1963.05	46.50	138.75	53.75	1.75	0.25	11.75	14.75	1.50	1.50
11	Local	1784.29	42.61	138.56	38.34	7.00	0.77	11.00	12.00	1.09	1.94
13	check	1717.42	44.15	143.22	47.20	3.31	0.43	12.25	14.50	1.01	1.27
8	Loumb	1652.76	44.82	140.55	50.00	3.25	0.50	10.25	12.50	1.00	1.25
4	EV 84444-SR	1479.02	45.25	123.75	50.00	2.57	0.43	10.25	12.50	1.00	1.25
5	EV 8428-SR	1394.14	41.55	128.56	45.53	2.97	0.76	10.25	12.50	1.00	1.25
7	FAR-85 TZSRV-1	1371.70	44.48	124.80	47.20	2.30	0.33	12.45	15.75	1.25	1.75
3	CMS 8701	1232.18	52.94	122.80	50.00	2.04	0.14	12.45	15.75	1.25	1.75
9	Mar. 7921-SR	1232.50	44.64	126.33	53.31	2.04	0.33	12.45	15.75	1.25	1.75
10	Ndock 8710	1082.21	46.48	126.33	53.31	2.04	0.33	12.45	15.75	1.25	1.75
2	ACK-85 TZSRW-1	936.74	46.64	110.00	48.31	1.50	0.64	7.45	8.75	0.65	1.35
OVERALL MEAN		1451.50	44.98	127.91	49.07	3.46	0.70	10.32	12.71	1.15	1.58
STANDARD ERROR		319.97	1.00	27.46	5.42	1.22	0.35	2.23	2.51	0.82	0.94
LSD 1%		937.68	2.93	70.99	15.90	4.46	1.18	6.55	8.80	2.40	3.28
LSD 5%		1270.36	3.97	96.77	21.54	6.46	1.89	9.55	11.78	3.40	4.94
PROB. OF F VARIATION		4.62	0.00	11.44	3.06	5.36	2.18	4.94	6.87	2.25	3.02
COEF. OF VARIATION		4.45	4.45	11.67	2.21	1.58	3.44	4.94	6.87	2.25	3.02

ENTRY	TZPB-SR	BLIGHT	CURV	N-STREAK	INST	DWT	%RL	%SL
12	Okomasa	1.50	1.50	3.00	1.25	8.8	3.7	2.7
11	Local	1.96	1.53	2.57	1.93	8.6	3.0	2.7
13	check	1.91	1.65	2.72	1.42	8.4	3.4	2.7
8	Loumb	1.24	1.31	2.35	1.75	8.4	3.1	2.7
4	EV 84444-SR	1.50	1.50	2.50	1.42	8.4	3.1	2.7
5	EV 8428-SR	1.58	1.50	2.50	1.42	8.4	3.1	2.7
7	FAR-85 TZSRV-1	1.53	1.64	2.72	1.42	8.4	3.1	2.7
3	CMS 8701	1.53	1.64	2.72	1.42	8.4	3.1	2.7
9	Mar. 7921-SR	1.53	1.64	2.72	1.42	8.4	3.1	2.7
10	Ndock 8710	1.91	1.37	2.90	1.42	8.4	3.1	2.7
2	ACK-85 TZSRW-1	1.81	1.64	2.43	1.42	8.4	3.1	2.7
OVERALL MEAN		1.81	1.50	2.43	1.42	8.4	3.1	2.7
STANDARD ERROR		0.37	0.09	0.41	0.07	0.15	0.11	0.11
LSD 5%		1.17	0.30	1.19	0.27	0.46	0.31	0.31
LSD 1%		1.58	0.40	1.63	0.36	0.63	0.41	0.41
PROB. OF F VARIATION		0.95	0.07	0.85	0.18	0.30	0.15	0.15
COEF. OF VARIATION		39.19	48.51	33.13	13.55	47.05	70.13	152.59

RUV1 - 2 INTERMEDIATE & LATE VARIETIES

COOPERATOR : ABDU NDIAYE

LOCATION : SOCAS - SENEGAL

NO OF REPS = 4

NO OF ENTRIES = 13

Table 2-11

ENTRY	YIELD	DF:FL	PL:ST	PL:HT	E:HT	RL:RAT	SL:RAT	P:HARV	E:HARV	E:ROT
2	1643.51	53.00	41.00	147.43	70.51	5.00	3.25	17.50	3.25	3.50
A CR-85 TZSRM-1	1643.51	53.00	41.00	147.43	70.51	5.00	3.25	17.50	3.25	3.50
4	1548.11	52.75	41.75	127.75	67.00	4.75	3.25	21.00	3.25	3.50
EV 8422-SR	1548.11	52.75	41.75	127.75	67.00	4.75	3.25	21.00	3.25	3.50
5	1360.36	53.50	38.75	139.25	64.00	4.75	3.25	22.00	3.25	3.50
TZP-B-SR	1360.36	53.50	38.75	139.25	64.00	4.75	3.25	22.00	3.25	3.50
12	1343.67	52.25	34.75	149.75	79.00	5.00	3.25	20.50	3.25	3.50
CMS 8701	1343.67	52.25	34.75	149.75	79.00	5.00	3.25	20.50	3.25	3.50
11	1282.38	52.50	39.50	143.50	74.50	4.75	3.25	19.50	3.25	3.50
Okomasa	1282.38	52.50	39.50	143.50	74.50	4.75	3.25	19.50	3.25	3.50
8	1251.38	49.75	40.50	139.76	69.50	4.75	3.25	19.00	3.25	3.50
Loumb 84 TZUT-Y	1251.38	49.75	40.50	139.76	69.50	4.75	3.25	19.00	3.25	3.50
1	1159.80	50.25	41.50	124.00	67.00	4.75	3.25	17.92	3.25	3.50
AB 22	1159.80	50.25	41.50	124.00	67.00	4.75	3.25	17.92	3.25	3.50
6	1154.72	50.25	41.25	120.00	67.00	4.75	3.25	17.25	3.25	3.50
EV 8444-SR	1154.72	50.25	41.25	120.00	67.00	4.75	3.25	17.25	3.25	3.50
13	1152.04	48.75	37.75	127.43	73.84	5.00	3.25	19.00	3.25	3.50
Local check	1152.04	48.75	37.75	127.43	73.84	5.00	3.25	19.00	3.25	3.50
9	1046.30	52.75	34.75	125.25	60.75	5.00	3.25	20.75	3.25	3.50
Mar. 7921-SR	1046.30	52.75	34.75	125.25	60.75	5.00	3.25	20.75	3.25	3.50
7	1007.93	52.50	34.75	125.25	60.75	5.00	3.25	20.00	3.25	3.50
FAR-85 TZSRM-1	1007.93	52.50	34.75	125.25	60.75	5.00	3.25	20.00	3.25	3.50
10	969.65	54.00	36.00	132.50	65.75	5.00	3.25	19.50	3.25	3.50
Ndock 8710	969.65	54.00	36.00	132.50	65.75	5.00	3.25	19.50	3.25	3.50
OVERALL MEAN	1271.624	51.904	38.404	134.143	68.662	4.904	3.519	19.071	3.288	3.503
STANDARD ERROR	253.580	2.829	1.974	5.920	4.235	0.127	0.263	2.744	0.261	0.288
LSD 5%	984.617	7.593	5.672	15.920	12.204	0.364	0.754	7.892	0.751	0.751
PROB. OF F	39.882	0.0006	0.0111	0.0074	0.1243	0.4684	1.7639	0.9089	1.006	1.006
COEF. OF VARIATION	39.882	3.196	10.282	8.236	12.334	5.163	14.918	28.781	15.903	15.903
ENTRY	MOIST	INSECT								
2	14.39	2.25	2.25	14.19	2.25	2.25	2.25	14.15	2.25	2.25
A CR-85 TZSRM-1	14.39	2.25	2.25	14.19	2.25	2.25	2.25	14.15	2.25	2.25
4	13.82	2.50	2.50	13.42	2.50	2.50	2.50	13.15	2.50	2.50
EV 8422-SR	13.82	2.50	2.50	13.42	2.50	2.50	2.50	13.15	2.50	2.50
5	13.42	2.50	2.50	12.62	2.50	2.50	2.50	12.62	2.50	2.50
EV 8428-SR	13.42	2.50	2.50	12.62	2.50	2.50	2.50	12.62	2.50	2.50
12	13.42	2.50	2.50	12.62	2.50	2.50	2.50	12.62	2.50	2.50
TZP-B-SR	13.42	2.50	2.50	12.62	2.50	2.50	2.50	12.62	2.50	2.50
11	14.91	2.25	2.25	14.91	2.25	2.25	2.25	14.91	2.25	2.25
Loumb 84 TZUT-Y	14.91	2.25	2.25	14.91	2.25	2.25	2.25	14.91	2.25	2.25
8	12.62	2.25	2.25	12.62	2.25	2.25	2.25	12.62	2.25	2.25
AB 22	12.62	2.25	2.25	12.62	2.25	2.25	2.25	12.62	2.25	2.25
1	11.08	2.25	2.25	11.08	2.25	2.25	2.25	11.08	2.25	2.25
EV 8444-SR	11.08	2.25	2.25	11.08	2.25	2.25	2.25	11.08	2.25	2.25
6	11.74	2.25	2.25	11.74	2.25	2.25	2.25	11.74	2.25	2.25
Local check	11.74	2.25	2.25	11.74	2.25	2.25	2.25	11.74	2.25	2.25
13	11.30	2.25	2.25	11.30	2.25	2.25	2.25	11.30	2.25	2.25
Mar. 7921-SR	11.30	2.25	2.25	11.30	2.25	2.25	2.25	11.30	2.25	2.25
9	14.16	2.50	2.50	14.16	2.50	2.50	2.50	14.16	2.50	2.50
FAR-85 TZSRM-1	14.16	2.50	2.50	14.16	2.50	2.50	2.50	14.16	2.50	2.50
7	15.50	2.25	2.25	15.50	2.25	2.25	2.25	15.50	2.25	2.25
Ndock 8710	15.50	2.25	2.25	15.50	2.25	2.25	2.25	15.50	2.25	2.25
OVERALL MEAN	13.471	2.287	2.287	13.471	2.287	2.287	2.287	13.471	2.287	2.287
STANDARD ERROR	0.467	0.234	0.234	0.467	0.234	0.234	0.234	0.467	0.234	0.234
LSD 5%	1.390	0.674	0.674	1.390	0.674	0.674	0.674	1.390	0.674	0.674
PROB. OF F	0.0000	0.903	0.903	0.0000	0.903	0.903	0.903	0.0000	0.903	0.903
COEF. OF VARIATION	6.950	20.530	20.530	6.950	20.530	20.530	20.530	6.950	20.530	20.530

RUVT - 2 INTERMEDIATE & LATE VARIETIES

Table 2-12

COOPERATOR : H. RENEAUD & P. TOKY

LOCATION : BROUKOU - TOGO

No OF REPS = 4

No OF ENTRIES = 13

ENTRY	YIELD	DY.FC	PL.ST	PL.HT	E.HT	RC	SC	P.HARV	E.HARV	N.STREAK
11 Okomasa	5271.42	58.50	44.00	217.25	108.25	0.50	8.75	44.00	41.00	7.00
5 EV 8428-SR	5196.11	56.25	43.75	191.25	92.00	1.75	6.00	43.00	43.25	2.75
13 CHECK EV 8343-SR	4970.20	59.25	43.50	192.50	102.50	7.25	12.00	42.50	40.00	5.00
8 Loumb 84 TZUT-Y	4894.89	52.75	43.75	196.50	85.75	1.00	5.75	42.75	39.75	8.50
4 EV 8422-SR	4744.28	59.00	44.00	196.25	94.75	2.50	10.50	44.00	40.50	5.25
10 Ndock 8710	4700.35	59.02	43.85	202.33	103.60	3.40	9.94	43.71	38.92	5.25
3 CMS 8701	4618.77	60.00	35.25	217.50	105.50	0.25	8.50	43.50	32.75	6.25
2 ACK.85 TZSKW-1	4392.85	61.50	44.00	205.25	97.00	0.50	7.50	43.50	39.00	2.50
9 Mar. 7921-SR	4292.44	59.00	43.50	182.25	84.50	1.75	9.25	42.00	38.00	6.50
12 TZPB-SK	4242.24	62.00	43.50	197.00	101.50	2.00	14.00	43.50	40.00	2.50
6 EV 8444-SR	4242.24	54.75	43.75	184.25	84.50	2.00	7.50	43.75	40.25	1.75
7 FAR.85 TZSKY-1	4166.93	58.75	43.50	200.75	100.50	4.00	11.75	42.75	38.75	3.00
1 AB 22	4166.93	56.00	41.75	151.25	72.50	0.25	1.25	41.25	37.25	18.50
OVERALL MEAN	4607.605	58.213	42.931	194.949	94.681	2.088	8.668	42.401	39.186	5.753
STANDARD ERRCK	359.043	0.800	0.723	7.365	5.043	1.167	1.899	0.693	1.242	1.162
LSD 5%	1033.603	2.303	2.082	21.202	14.519	3.360	5.466	1.996	3.575	3.346
LSD 1%	1385.379	3.087	2.791	28.418	19.460	4.504	7.326	2.675	4.792	4.485
PROB. OF F	0.3338	0.0000	0.0000	0.0001	0.0005	0.0096	0.0065	0.0000	0.0010	0.0000
COEF. OF VARIATION	15.585	2.748	3.370	7.556	10.653	111.805	43.808	3.270	6.338	40.409

ENTRY	DWT	%RC	%SC
11 Okomasa	5.25	1.14	19.88
5 EV 8428-SR	5.18	4.08	13.98
13 CHECK EV 8343-SR	4.95	17.09	28.27
8 Loumb 84 TZUT-Y	4.88	2.30	13.36
4 EV 8422-SR	4.72	5.68	23.86
10 Ndock 8710	4.68	7.81	22.98
3 CMS 8701	4.60	0.76	23.78
2 ACK.85 TZSRW-1	4.38	1.16	17.29
9 Mar. 7921-SR	4.28	4.23	21.98
12 TZPB-SR	4.22	4.57	32.23
6 EV 8444-SR	4.22	4.54	17.17
7 FAR.85 TZSKY-1	4.15	9.43	27.47
1 AB 22	4.15	0.60	3.02
OVERALL MEAN	4.589	4.876	20.406
STANDARD ERRCK	0.353	2.712	4.559
LSD 5%	1.029	7.807	13.123
LSD 1%	1.380	10.463	17.589
PROB. OF F	0.3337	0.0084	0.0091
COEF. OF VARIATION	15.584	111.228	44.679

RUVT - 2 INTERMEDIATE & LATE VARIETIES

COOPERATOR : H. RENEAUD & P. TOKY

LOCATION : TANTIEGOU - TOGO

No OF REPS = 4

No OF ENTRIES = 13

Table 2.13

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.STREAK
4 EV 8422-SR	5372.74	63.00	43.25	187.75	70.75	3.00	1.75	42.00	38.75	0.00
2 ACR.85 TZSRW-1	5346.73	56.00	42.75	186.50	69.25	1.75	2.25	41.25	39.25	0.00
9 Mar. 7921-SR	5296.52	65.50	43.75	183.75	71.25	2.25	1.50	41.50	39.50	0.00
6 EV 8444-SR	5221.22	58.50	43.50	190.25	71.00	3.25	2.00	41.50	37.75	0.00
12 TZPB-SR	5145.91	63.75	43.00	187.75	69.50	3.75	4.00	42.00	39.50	0.00
7 FAR.85 TZSRY-1	5095.71	58.00	43.50	181.25	65.50	1.75	2.25	41.75	40.25	0.00
3 CMS 8701	5095.71	58.00	43.00	185.25	68.25	3.50	1.50	41.50	39.75	0.00
5 EV 8428-SR	4995.30	59.75	43.50	188.25	71.50	3.25	2.75	42.25	40.50	0.00
8 Loumb 84 TZUT-Y	4970.20	58.25	43.25	186.25	66.00	2.25	1.75	41.00	38.75	0.00
10 Ndock 8710	4744.28	58.50	43.25	186.25	70.75	4.50	2.00	41.50	37.75	0.00
1 AB 22	4242.24	63.50	43.00	175.00	66.00	3.00	2.00	40.50	37.25	2.75
13 CHECK EV 8343-SR	4192.03	59.00	43.75	189.25	74.00	3.75	5.25	42.50	38.75	0.00
11 Okomasa	3765.30	58.00	43.75	187.25	69.75	4.00	2.50	41.25	36.75	2.75
OVERALL MEAN	4898.752	59.981	43.327	186.135	69.500	3.077	2.423	41.577	38.808	0.519
STANDARD ERROR	393.436	0.656	0.331	3.206	1.630	0.867	0.800	0.612	0.896	0.426
LSD 5%	1130.293	1.883	0.950	9.211	4.634	2.492	2.299	1.759	2.575	1.225
LSD 1%	1513.127	2.521	1.271	12.331	6.271	3.335	3.077	2.355	3.447	1.640
PROB. OF F	0.0896	0.0000	0.4767	0.1463	0.0240	0.4780	0.0867	0.6847	0.1213	0.0000
COEF. OF VARIATION	16.063	2.186	1.526	3.445	4.692	56.372	66.043	2.946	4.619	164.276

ENTRY	DWT	%RL	%SL
4 EV 8422-SR	5.55	7.11	7.21
2 ACR.85 TZSRW-1	5.32	4.25	5.46
9 Mar. 7921-SR	5.28	5.36	3.66
6 EV 8444-SR	5.20	7.82	4.82
12 TZPB-SR	5.13	8.93	9.50
7 FAR.85 TZSRY-1	5.07	4.24	5.39
3 CMS 8701	5.07	8.42	3.62
5 EV 8428-SR	4.97	7.70	6.49
8 Loumb 84 TZUT-Y	4.95	5.40	4.33
10 Ndock 8710	4.72	10.74	4.82
1 AB 22	4.22	7.38	4.94
13 CHECK EV 8343-SR	4.18	8.84	12.40
11 Okomasa	3.75	9.56	5.99
OVERALL MEAN	4.879	7.367	5.817
STANDARD ERROR	0.392	2.029	1.915
LSD 5%	1.126	5.828	5.502
LSD 1%	1.507	7.802	7.366
PROB. OF F	0.0896	0.4637	0.1088
COEF. OF VARIATION	16.063	55.070	65.846

RUVT-3 EXTRA-EARLY VARIETIES

COOPERATOR : ROMUALD DOSSOU

LOCATION : BAGOU - BENIN

No OF REPS = 4

No OF ENTRIES = 13

Table 3-1

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
6 TZE SRW x GUA 314	4224.67	42.75	38.75	155.75	59.00	4.75	4.25	38.50	43.50	1.25
13 Check Kifo	3808.26	43.00	38.25	159.00	69.50	3.75	4.00	38.25	41.75	0.75
2 CPS Early	3604.68	40.75	41.00	132.25	47.50	6.25	6.00	40.25	37.75	2.75
5 Pop 30 x GUA 314	3130.11	40.75	35.00	156.00	65.50	3.50	4.25	34.00	43.50	4.50
9 TZE-White Pool	3030.78	39.50	40.00	137.00	54.00	6.50	4.25	38.25	49.00	6.75
3 CPS x L.Rayitiri	3024.53	41.00	36.50	143.00	53.50	2.25	4.50	36.25	34.50	5.25
11 TZE-Yellow Pool	2944.24	39.25	40.00	132.00	48.00	3.75	4.50	39.50	41.25	9.75
10 TZE-Y	2631.63	39.25	40.75	136.00	41.00	8.75	7.50	38.00	42.00	6.50
8 TZE-W-2	2549.48	40.25	38.75	131.25	49.50	6.50	3.25	36.50	44.00	4.00
1 Ach.8131xJFSxLR	2542.60	41.25	38.25	143.25	59.75	2.50	6.50	36.25	35.75	5.00
12 TZE-Y	2542.09	43.50	35.75	137.25	45.50	6.25	4.50	35.25	36.50	2.75
4 PL-27 x GUA 314	2414.96	33.75	37.50	129.00	49.75	5.75	4.00	33.25	41.75	6.00
7 TZE-W-1	2288.67	40.25	37.50	129.50	56.50	3.25	7.75	35.25	42.75	8.50
OVERALL MEAN	2979.746	40.788	38.308	140.096	53.769	4.904	5.019	36.885	41.077	4.904
STANDARD ERROR	260.537	0.775	2.041	5.691	5.771	1.397	1.287	1.984	2.355	1.325
LSD 5%	748.492	2.227	5.865	16.349	16.581	4.012	3.696	5.699	6.765	3.807
PROB. OF F	0.0001	0.0009	0.6221	0.0019	0.0557	0.0683	0.2976	0.3644	0.0071	0.0006
COEF. OF VARIATION	17.487	3.801	10.658	8.124	21.468	56.957	51.269	10.756	11.465	54.039

ENTRY	MOIST	DISE.R	DISE.C	DISE.S	STR.PL	1000.GWT	%RL	%SL	%E.ROT
6 TZE SRW x GUA 314	33.33	1.00	1.00	1.00	14.00	278.23	12.93	11.97	3.37
13 Check Kifo	36.33	1.00	1.00	1.75	18.25	360.00	9.92	10.96	1.86
2 CPS Early	34.53	1.00	1.00	1.75	3.50	348.75	15.44	14.79	6.87
5 Pop 30 x GUA 314	33.47	1.00	1.75	2.00	2.50	334.42	10.26	12.39	13.22
9 TZE-White Pool	29.85	1.00	1.25	1.75	2.25	300.08	17.04	11.23	17.46
3 CPS x L.Rayitiri	31.75	1.00	1.50	2.75	5.75	332.52	6.20	12.21	14.15
11 TZE-Yellow Pool	27.02	1.50	2.25	2.75	1.25	240.57	9.49	11.32	24.81
10 TZE-Y	25.13	1.50	2.25	2.75	0.00	226.77	24.26	21.06	17.65
8 TZE-W-2	31.33	1.25	1.75	2.75	1.75	313.13	17.68	8.90	10.94
1 Ach.8131xJFSxLR	31.25	1.50	1.75	2.25	3.00	263.73	6.74	17.52	13.98
12 TZE-Y	30.88	1.00	2.00	2.75	4.50	269.27	17.68	12.96	7.59
4 PL-27 x GUA 314	29.48	1.25	2.00	2.50	0.25	295.20	17.29	12.01	18.36
7 TZE-W-1	30.17	1.00	1.75	3.00	0.25	289.95	9.80	22.20	23.33
OVERALL MEAN	31.115	1.154	1.635	2.288	4.404	297.353	13.441	13.808	13.353
STANDARD ERROR	0.901	0.210	0.202	0.261	3.237	21.565	3.862	3.500	3.586
LSD 5%	2.588	0.603	0.581	0.803	9.442	61.954	11.095	10.056	10.303
PROB. OF F	0.0000	0.4102	0.0001	0.0002	0.0077	0.0015	0.0740	0.2484	0.0007
COEF. OF VARIATION	5.791	36.388	24.734	24.573	149.259	14.554	57.469	50.700	53.715

Table 3-2

RUVI - 3 EXTRA-EARLY VARIETIES
 COOPERATOR : ROMUALD DOSSOU
 LOCATION : GUENE - BENIN
 No OF RLPS = 4 No CF ENTRILLS = 13

ENTRY	YIELD	CV.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
13	2125.00	43.75	35.00	139.50	56.75	5.00	5.00	35.25	29.75	0.75
6	1956.33	48.00	36.75	134.25	54.50	2.00	3.50	36.25	34.50	0.25
3	1834.33	45.00	36.75	142.25	50.00	2.00	3.50	34.75	33.25	0.75
12	1668.97	45.50	38.50	128.00	46.25	1.75	3.00	37.00	35.00	2.00
4	1614.42	43.75	38.00	128.50	46.25	2.25	3.25	37.00	32.50	1.00
1	1569.42	44.00	34.25	113.25	47.25	2.50	3.75	32.00	32.00	0.25
5	1489.80	44.25	34.25	129.75	45.50	3.00	3.50	32.00	31.50	0.50
11	1316.94	42.50	37.50	126.00	42.50	4.00	3.25	35.25	33.75	0.50
7	1189.09	42.50	37.50	114.00	42.50	4.50	3.50	35.25	33.75	0.25
8	1064.87	39.75	37.50	117.00	47.75	3.4	4.25	33.5	33.25	1.00
OVERALL MEAN	1567.92	43.827	36.673	126.288	45.835	2.846	4.788	34.346	32.442	0.808
STANDARD ERROR	166.083	0.389	2.885	5.300	1.555	0.295	0.997	2.607	2.725	0.609
PROB. OF VARIATION	0.0017	1.118	0.287	15.226	0.963	0.744	2.865	7.490	9.829	1.749
COEFF. OF VARIATION	21.185	0.00776	15.732	0.0033	24.220	67.122	41.650	15.181	16.800	150.714

ENTRY	MOIST	DISE.S	DISE.C	DISE.R	DISE.H	STR.PL	1000.GWT	ERL	%SL	%E.ROT
13	12.30	2.15	1.15	1.00	1.13	3.75	236.00	15.11	7.10	2.77
6	12.07	2.33	1.46	1.00	1.63	3.50	224.50	16.72	9.32	0.66
3	11.82	2.25	1.70	1.00	1.90	3.50	218.80	13.54	10.44	0.80
12	11.35	2.25	1.70	1.00	1.35	3.25	198.80	17.23	10.14	0.63
4	11.55	2.50	1.63	1.00	1.35	3.50	197.80	17.19	10.49	0.83
1	11.25	2.50	1.63	1.00	1.45	3.50	187.90	19.56	11.15	0.64
5	11.45	2.50	1.63	1.00	1.57	3.50	180.00	17.19	10.44	0.84
11	11.32	2.25	1.63	1.00	1.67	3.50	181.00	17.57	11.15	0.60
7	11.38	2.50	1.63	1.00	1.67	3.50	172.80	18.37	10.05	1.00
8	11.30	2.50	1.63	1.00	1.85	3.50	178.30	18.74	11.07	1.39
10	11.40	1.50	1.00	1.23	1.15	2.50	156.90	16.25	14.68	3.37
OVERALL MEAN	11.733	2.379	1.427	1.093	1.390	3.315	192.73	17.647	11.254	2.324
STANDARD ERROR	0.103	0.449	0.761	0.093	0.256	0.315	11.800	2.762	3.433	0.919
PROB. OF VARIATION	0.0007	1.4014	0.3383	0.5418	1.369	4.851	0.024	7.925	8.255	0.327
COEFF. OF VARIATION	1.787	0.7314	37.133	16.959	25.744	129.067	12.268	64.046	41.196	156.327

RUVT - 3 EXTRA-EARLY VARIETIES
 COOPERATOR : IITA/SAFCRAD

Table 3-3

LOCATION : KAMBICINSE (BS)* - BURKINA FASO
 No OF REPS = 4 No OF ENTRIES = 13

ENTRY	YIELD	DTYFL	DTYSK	PL:ST	PL:HT	E:HT	RL	SL	P:HVAV	E:HVAV
1 ACGR-BI31XJDFSLR	3175.23	39.25	43.50	59.50	142.00	51.00	7.75	0.00	51.00	49.50
2 CPS x Early L.Kayitiri	3131.93	41.00	45.25	50.50	124.25	61.75	10.00	6.50	49.25	47.25
3 TZEESRW x GUA 314	2674.16	44.00	48.75	58.75	126.00	54.25	7.75	8.50	49.25	48.75
4 PL-27 x GUA 314	2640.87	41.25	46.00	51.00	140.25	49.00	6.75	2.50	50.25	46.50
5 PLZEE-White Pool	2468.70	33.88	43.75	49.75	135.00	54.00	7.00	10.75	49.25	49.25
6 POP 30 x GUA 314	2398.47	38.50	44.25	48.75	134.25	52.25	11.00	10.50	49.25	47.50
7 TZEESRW x GUA 314	2387.00	39.00	44.25	48.75	126.50	54.25	11.75	10.50	49.25	47.50
8 TZEESRW x GUA 314	2271.02	33.88	44.25	48.75	126.50	54.25	11.75	10.50	49.25	47.50
9 TZEESRW x GUA 314	2271.02	33.88	44.25	48.75	126.50	54.25	11.75	10.50	49.25	47.50
10 TZEESRW x GUA 314	2271.02	33.88	44.25	48.75	126.50	54.25	11.75	10.50	49.25	47.50
11 TZEESRW x GUA 314	2271.02	33.88	44.25	48.75	126.50	54.25	11.75	10.50	49.25	47.50
12 TZEESRW x GUA 314	2271.02	33.88	44.25	48.75	126.50	54.25	11.75	10.50	49.25	47.50
13 Local Kayitiri	2138.75	33.22	46.75	53.50	132.00	50.50	9.25	15.50	52.50	51.00
OVERALL MEAN	2577.20	39.59	47.92	59.00	134.92	55.19	8.38	8.23	48.13	47.26
STANDARD ERRCR	194.49	1.02	1.39	2.24	6.87	1.21	0.27	0.10	1.35	2.48
LSD 5%	58.76	0.29	0.40	0.69	1.97	0.39	0.15	0.10	0.70	1.34
PROB. OF F VARIATION	0.0000	0.0000	0.0000	0.0000	0.2507	0.9873	0.1582	0.1001	0.0212	0.1124
COEF. OF F VARIATION	15.09	5.18	2.62	9.14	10.18	29.76	5.22	51.52	11.14	10.50

ENTRY	K.E.RJT	MCIST	P:ASP	E:ASP	H:F:POSK	ANTRE	DRY L:ST	F:RL	*SL	*E:ROT
1 ACGR-BI31XJDFSLR	0.25	18.08	2.38	2.75	4.00	42.75	2.25	0.20	1.02	0.53
2 CPS x Early L.Kayitiri	0.25	18.10	2.38	2.75	4.00	44.25	2.25	0.20	1.02	0.53
3 TZEESRW x GUA 314	0.25	18.97	2.38	2.75	4.00	44.25	2.25	0.20	1.02	0.53
4 PL-27 x GUA 314	0.25	21.77	2.38	2.75	4.00	45.50	2.25	0.20	1.02	0.53
5 PLZEE-White Pool	0.25	16.80	2.38	2.75	4.00	40.50	2.25	0.20	1.02	0.53
6 POP 30 x GUA 314	0.25	16.25	2.38	2.75	4.00	43.75	2.25	0.20	1.02	0.53
7 TZEESRW x GUA 314	0.25	17.10	2.38	2.75	4.00	44.25	2.25	0.20	1.02	0.53
8 TZEESRW x GUA 314	0.25	17.15	2.38	2.75	4.00	44.25	2.25	0.20	1.02	0.53
9 TZEESRW x GUA 314	0.25	17.15	2.38	2.75	4.00	44.25	2.25	0.20	1.02	0.53
10 TZEESRW x GUA 314	0.25	17.15	2.38	2.75	4.00	44.25	2.25	0.20	1.02	0.53
11 TZEESRW x GUA 314	0.25	17.15	2.38	2.75	4.00	44.25	2.25	0.20	1.02	0.53
12 TZEESRW x GUA 314	0.25	17.15	2.38	2.75	4.00	44.25	2.25	0.20	1.02	0.53
13 Local Check	1.00	19.33	2.38	2.75	4.00	44.25	2.25	0.20	1.02	0.53
OVERALL MEAN	0.33	17.41	2.46	2.83	4.39	43.26	2.29	0.21	1.03	0.57
STANDARD ERRCR	0.39	0.81	0.52	0.93	1.55	0.76	0.29	0.14	0.40	0.73
LSD 5%	1.13	2.34	1.52	2.26	3.82	1.64	0.35	0.17	0.51	1.35
PROB. OF F VARIATION	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
COEF. OF F VARIATION	14.77	9.37	4.80	9.37	11.99	33.26	11.19	48.10	17.23	15.98

* BS = Billions Samples (Simple/untied ridges)

RUVT - 3 EXTRA-EARLY VARIETIES

COOPERATOR : IITA/SAFGRAD

LOCATION : KAMBOINSE (BC)* - BURKINA FASO

No OF REPS = 4

No CF ENTRIES = 13

Table 3-4

ENTRY	YIELD	DY.FL	DY.SK	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV
12 TZE F-Y	7170.36	40.25	43.25	53.50	178.00	77.50	1.50	5.00	52.25	53.75
2 CPS Early	6147.71	38.75	43.00	53.50	149.25	68.00	1.75	2.00	52.75	55.00
6 TZE SRW x GUA 314	6145.45	41.00	46.00	54.00	166.25	81.25	6.75	9.00	52.25	54.50
3 CPS x L.Rayitiri	5994.07	40.25	44.00	54.75	170.00	78.75	6.50	8.25	51.75	51.50
5 Pop 30 x GUA 314	5847.91	38.50	42.00	54.75	161.75	88.75	11.00	13.00	50.75	52.25
11 TZE E-Yellow Pool	5800.27	37.75	41.25	55.50	163.25	79.75	2.25	4.75	52.50	51.75
13 Local Check	5500.16	40.50	44.25	52.75	167.50	76.50	9.00	10.50	50.75	49.25
4 PL-27 x GUA 314	5207.47	35.25	40.75	54.00	166.75	91.75	4.00	5.50	51.50	53.25
8 TZE E-W-2	5160.60	36.75	40.75	55.50	163.25	78.25	10.00	14.50	49.75	53.25
1 ACK.8131xJFSxLR	5130.68	40.50	43.50	54.25	162.50	83.25	5.75	6.75	50.25	49.75
7 TZE E-W-1	5040.45	37.25	41.50	55.50	168.25	90.50	7.75	8.50	54.25	55.75
10 TZE E-Y	4622.08	34.75	40.50	53.50	143.50	60.50	4.75	5.50	49.00	50.00
9 TZE E-White Pool	4228.95	37.25	40.75	54.75	158.50	80.25	6.25	11.00	50.50	54.50
OVERALL MEAN	5538.166	38.365	42.423	54.327	162.981	79.615	5.942	8.019	51.404	52.854
STANDARD ERROR	574.800	0.718	0.668	1.107	4.447	6.930	2.676	2.168	2.008	2.354
LSD 5%	1651.331	2.064	1.920	3.182	12.776	19.909	7.689	6.229	5.769	6.762
LSD 1%	2210.643	2.763	2.571	4.259	17.103	26.653	10.293	8.338	7.724	9.053
PROB. OF F	0.0931	0.0000	0.0000	0.7938	0.0007	0.1581	0.2599	0.0101	0.9009	0.6479
COEF. OF VARIATION	20.758	3.745	3.151	4.077	5.457	17.409	90.080	54.072	7.814	8.941
ENTRY	N.E.ROT	MOIST	P.ASP	E.ASP	N.P.ROSK	ANTHESIS	DRY C.SC	%RL	%SL	%E.ROT
12 TZE F-Y	2.25	17.42	1.75	2.00	9.25	41.75	1.25	3.04	10.24	4.11
2 CPS Early	1.25	18.65	1.88	2.25	6.75	41.00	1.75	3.45	3.80	2.28
6 TZE SRW x GUA 314	0.25	20.10	2.00	2.25	0.75	45.25	1.25	13.19	17.40	0.45
3 CPS x L.Rayitiri	1.75	19.00	1.88	2.75	6.50	42.25	1.75	12.43	15.78	3.61
5 Pop 30 x GUA 314	0.25	20.38	1.88	2.50	1.25	41.25	1.50	22.32	25.56	0.52
11 TZE E-Yellow Pool	3.00	19.02	2.75	2.75	5.75	40.00	1.75	4.31	8.65	5.78
13 CHECK LCCAL RAYTIRI	0.50	21.42	2.13	2.25	2.75	43.25	1.50	17.60	20.54	0.94
4 PL-27 x GUA 314	1.00	19.95	2.13	3.00	3.75	39.50	2.00	7.98	10.75	1.92
8 TZE E-W-2	1.25	17.63	2.38	2.75	1.00	39.75	1.75	20.40	29.60	2.47
1 ACK.8131xJFSxLR	1.00	18.77	1.88	2.50	4.00	42.00	2.75	12.46	14.84	1.88
7 TZE E-W-1	1.75	17.92	2.38	2.63	0.75	40.00	2.00	14.66	15.76	3.16
10 TZE E-Y	1.50	17.42	2.63	2.88	6.75	39.25	3.00	10.55	11.88	2.83
9 TZE E-White Pool	0.75	17.52	2.38	2.75	2.00	39.50	3.00	12.24	21.68	1.57
OVERALL MEAN	1.269	18.863	2.154	2.558	3.942	41.135	1.942	11.894	15.882	2.409
STANDARD ERROR	0.627	1.000	0.265	0.230	1.123	0.543	0.265	5.582	4.545	1.197
LSD 5%	1.800	2.873	0.761	0.660	3.227	1.559	0.761	16.038	13.056	3.438
LSD 1%	2.410	3.846	1.019	0.884	4.320	2.087	1.019	21.470	17.479	4.603
PROB. OF F	0.1343	0.1165	0.1880	0.1191	0.0000	0.0000	0.0001	0.3213	0.0178	0.1338
COEF. OF VARIATION	98.737	10.601	24.599	17.971	56.986	2.639	27.291	93.867	57.230	99.368

* BC = Billons Cloisonnés : (Tied ridges)

RUVT - 3 EXTRA-EARLY VARIETIES
 COOPERATOR : SANGU JACOB

LOCATION : SARIA-BURKINA FASO

No OF REPS = 4 No CF ENTRIES = 13

Table 3-5

ENTRY	YIELD	DF	FL	GERM	PL	HT	E	HT	RL	SL	P	HARV	E	HARV	DMT
1	2051.0	47.0	0	48.00	92.50	50	31.75	25	10.25	4.25	45.25	25	24.25	7.5	1.38
2	1797.0	48.50	0	48.25	97.50	50	44.00	25	9.75	2.50	47.50	25	28.50	5.0	1.30
3	1644.3	48.50	0	48.00	106.25	50	40.25	25	8.25	2.50	46.00	25	30.00	5.0	1.30
4	1615.5	47.50	0	48.00	107.50	50	37.00	25	11.25	2.50	45.25	25	29.00	5.0	1.30
5	1499.0	46.50	0	45.50	108.75	50	40.00	25	11.50	2.50	44.50	25	26.50	5.0	1.30
6	1566.0	44.50	0	48.00	107.50	50	36.00	25	10.50	2.50	44.50	25	27.50	5.0	1.30
7	1615.5	44.50	0	45.50	91.25	25	33.25	25	11.75	1.00	44.50	25	30.00	5.0	1.30
8	1463.3	44.50	0	45.50	107.50	50	33.00	25	11.75	2.50	44.50	25	27.50	5.0	1.30
9	1534.4	43.00	0	48.00	102.50	50	34.50	27	9.75	4.25	45.75	30	26.50	5.0	1.30
10	923.5	44.50	0	49.25	91.25	25	26.25	25	11.75	1.00	45.50	25	30.00	5.0	1.30

ENTRY	YIELD	DF	FL	GERM	PL	HT	E	HT	RL	SL	P	HARV	E	HARV	DMT
1	23.32	9.31	1	4.86	10.25	59.2	3.4	32.7	9.71	8.27	45.75	30	26.50	5.0	1.30
2	24.48	5.19	1	4.93	16.03	44	4.3	31.6	2.48	7.50	42.25	25	24.25	7.5	1.30
3	18.48	5.13	1	4.94	21.46	55	1.8	35.4	7.56	0.28	47.50	25	16.43	8.0	1.30
4	32.32	7.79	1	4.77	10.18	70	0.8	28.58	1.70	2.41	47.75	30	31.82	5.0	1.30
5	32.30	7.77	1	4.77	11.87	77	0.2	28.58	1.22	5.10	47.50	25	31.82	5.0	1.30
6	24.07	7.00	1	4.77	11.87	77	0.2	28.58	1.22	5.10	47.50	25	31.82	5.0	1.30
7	24.07	7.00	1	4.77	11.87	77	0.2	28.58	1.22	5.10	47.50	25	31.82	5.0	1.30
8	24.07	7.00	1	4.77	11.87	77	0.2	28.58	1.22	5.10	47.50	25	31.82	5.0	1.30
9	24.07	7.00	1	4.77	11.87	77	0.2	28.58	1.22	5.10	47.50	25	31.82	5.0	1.30
10	24.07	7.00	1	4.77	11.87	77	0.2	28.58	1.22	5.10	47.50	25	31.82	5.0	1.30

RUVI - 3 EXTRA-EARLY VARIETIES

COOPERATOR : ER. CHARLES TIE

LOCATION : HAROUA - CAMEROON

NO OF KEPS = 4

NO OF ENTRIES = 13

Table 3-6

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	R	SL	P.HARV	E.HARV	N.E.ROT
0 12 TZEERK x GUA 314	7610.33	48.25	51.75	175.70	75.20	0.25	13.25	44.25	50.25	0.25
13 Local Check	7071.43	50.25	51.25	165.00	81.13	0.25	8.50	48.25	51.25	0.25
2 CPS x L-Rayitiri	6747.93	47.00	52.00	165.00	69.17	0.25	5.50	44.25	50.25	0.25
3 CPS Early	5951.58	46.00	51.00	147.30	59.10	0.25	2.20	44.25	48.25	0.25
4 PLZEEL Yellow Pool	5819.50	42.00	51.00	147.30	50.00	0.25	2.20	44.25	48.25	0.25
11 PLZEEL x GUA 314	5662.50	45.50	51.50	155.20	62.10	0.25	7.75	47.25	51.25	0.25
1 ACRA-2131xJFSxLR	5615.46	45.50	51.50	155.20	64.70	0.25	7.75	47.25	51.25	0.25
8 TZEEL-2	4847.28	42.28	52.00	155.20	70.35	0.25	9.00	46.25	51.25	0.25
10 TZEEL-Y	4549.91	42.50	52.00	155.20	70.35	0.25	9.00	46.25	51.25	0.25
5 POP-30 x GUA 314	4495.00	45.25	52.25	155.20	70.35	0.25	9.00	46.25	51.25	0.25
7 TZEEL-W-1	4492.29	45.25	52.25	155.20	70.35	0.25	9.00	46.25	51.25	0.25
9 TZEEL-White Pool	3769.92	43.75	52.25	155.20	65.75	0.25	10.75	42.25	47.25	0.25
OVERALL MEAN	5611.431	44.73	50.73	160.503	74.479	0.25	8.996	43.076	49.058	0.25
STANDARD ERFCR	500.211	0.486	1.184	9.005	4.318	0.25	1.734	0.443	3.538	0.25
LSD 5%	1437.044	2.365	3.455	17.092	12.405	0.25	5.734	2.443	10.164	0.25
LSD 1%	1923.776	3.327	4.555	23.096	16.606	0.25	7.676	3.037	13.407	0.25
PROB. OF F VARIATION	0.0001	0.0000	0.0000	0.0067	0.0002	0.25	0.086	0.0007	0.3405	0.25
COEF. OF VARIATION	17.828	3.863	4.721	7.483	15.395	0.25	0.161	11.340	14.424	0.25

ENTRY	MOIST	ERL	ESL	SE.ROT
0 12 TZEERK x GUA 314	3.95	4.75	31.72	0.88
13 Local Check	3.32	0.54	16.33	4.25
2 CPS x L-Rayitiri	3.02	3.08	26.55	0.44
3 CPS Early	3.50	0.88	33.53	0.70
4 PLZEEL Yellow Pool	3.10	1.79	30.67	2.94
11 PLZEEL x GUA 314	3.15	0.67	30.47	0.99
1 ACRA-2131xJFSxLR	3.45	0.66	31.91	0.99
8 TZEEL-2	3.80	0.66	31.91	0.99
10 TZEEL-Y	3.30	0.66	31.91	0.99
5 POP-30 x GUA 314	3.43	0.01	32.99	1.85
7 TZEEL-W-1	3.43	0.01	32.99	1.85
9 TZEEL-White Pool	3.27	0.75	32.26	3.44
OVERALL MEAN	3.327	0.779	30.998	2.22
STANDARD ERFCR	0.191	0.859	5.098	0.954
LSD 5%	0.390	1.482	14.608	1.515
LSD 1%	0.000	0.924	19.024	0.517
PROB. OF F VARIATION	2.416	113.864	52.415	74.853

RVUT - 3 EXTRA-EARLY VARIETIES

COOPERATOR : DR. CHALES THE

LOCATION : SANGUERE - CAMEROON

No OF REPS = 4

No OF ENTRIES = 12

Table 3-7

ENTRY	YIELD	PL.HT	E.HT	PL	P.HARV	E.HARV	N.E.ROT	ENTRY	STANDARD ERROR	PROB. OF F	COEF. OF VARIATION
6	125.00	125.00	125.00	125.00	125.00	125.00	125.00	125.00	1.18	0.50	1.18
12	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	10.17	0.00	10.17
2	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	11.66	0.00	11.66
3	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	10.17	0.00	10.17
5	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	14.10	0.00	14.10
1	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	5.37	1.14	5.37
4	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	11.31	2.02	11.31
7	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	13.43	2.02	13.43
8	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	10.85	2.50	10.85
9	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	9.04	2.00	9.04
11	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	19.24	3.08	19.24
10	143.25	143.25	143.25	143.25	143.25	143.25	143.25	143.25	24.72	1.56	24.72
OVERALL MEAN	124.792	124.792	124.792	124.792	124.792	124.792	124.792	124.792	11.298	1.376	11.298
STANDARD ERROR	4.958	4.958	4.958	4.958	4.958	4.958	4.958	4.958	1.192	3.436	1.192
PROB. OF F	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4376	12.602	0.4376
COEF. OF VARIATION	16.215	16.215	16.215	16.215	16.215	16.215	16.215	16.215	174.035	76.062	174.035
ENTRY	PL.HT	E.HT	PL	P.HARV	E.HARV	N.E.ROT	ENTRY	STANDARD ERROR	PROB. OF F	COEF. OF VARIATION	
6	125.00	125.00	125.00	125.00	125.00	125.00	125.00	1.18	0.50	1.18	
12	143.25	143.25	143.25	143.25	143.25	143.25	143.25	10.17	0.00	10.17	
2	143.25	143.25	143.25	143.25	143.25	143.25	143.25	11.66	0.00	11.66	
3	143.25	143.25	143.25	143.25	143.25	143.25	143.25	10.17	0.00	10.17	
5	143.25	143.25	143.25	143.25	143.25	143.25	143.25	14.10	0.00	14.10	
1	143.25	143.25	143.25	143.25	143.25	143.25	143.25	5.37	1.14	5.37	
4	143.25	143.25	143.25	143.25	143.25	143.25	143.25	11.31	2.02	11.31	
7	143.25	143.25	143.25	143.25	143.25	143.25	143.25	13.43	2.02	13.43	
8	143.25	143.25	143.25	143.25	143.25	143.25	143.25	10.85	2.50	10.85	
9	143.25	143.25	143.25	143.25	143.25	143.25	143.25	9.04	2.00	9.04	
11	143.25	143.25	143.25	143.25	143.25	143.25	143.25	19.24	3.08	19.24	
10	143.25	143.25	143.25	143.25	143.25	143.25	143.25	24.72	1.56	24.72	
OVERALL MEAN	124.792	124.792	124.792	124.792	124.792	124.792	124.792	11.298	1.376	11.298	
STANDARD ERROR	4.958	4.958	4.958	4.958	4.958	4.958	4.958	1.192	3.436	1.192	
PROB. OF F	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4376	12.602	0.4376	
COEF. OF VARIATION	16.215	16.215	16.215	16.215	16.215	16.215	16.215	174.035	76.062	174.035	

Table 3-8

RUVI - 3 EXTRA-EARLY VARIETIES
 COOPERATOR : DR. CHARLES THE
 LOCATION : SECOUNDOU - CAMEROUN
 NO OF REPS = 4 NO OF ENTRIES = 13

ENTRY	VIFLD	DV.FL	PL.FT	E.HT	P.HARV	E.HARV	N.E.ROT	MOIST	EF.ROT	FWT
12 TZEE-YY	6453.17	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
6 CSP Early x GUA 314	5046.18	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
3 TZEE-SRW x L. Rayittifi	5332.81	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
5 TZEE-W-2	4990.95	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
4 POP-27 x GUA 314	4307.75	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
13 ACR-3131 x JFSxLR	4727.92	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
7 Local Check Pool	4146.71	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
9 TZEE-W-1	3845.68	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
11 TZEE-Yellow Pool	3780.72	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
10 TZEE-Y	3752.63	52.00	130.55	1.30	42.75	45.75	2.50	9.30	76.42	6.05
OVERALL MEAN	4777.1	52.46	137.96	1.31	42.99	47.85	2.87	9.27	76.87	6.08
STANDARD ERROR	443.37	1.21	6.01	0.04	2.52	3.25	0.95	0.13	2.61	0.42
LSD 5%	1265.72	3.50	17.27	0.10	7.03	9.05	2.74	0.39	7.50	1.21
PROB. OF F	0.0059	0.0000	0.0000	0.0000	0.0032	0.0051	0.0461	0.0000	0.1390	0.0047
COEFF. OF VARIATION	13.465	4.645	8.719	19.448	11.769	15.181	67.013	2.984	76.323	18.340

RUVT - 3 EXTRA-EARLY VARIETIES

COOPERATION : GOTHARD-BASSELE

LOCATION : BARBARI-CENTRAL AFRIQUE

NO OF REPS = 4

NO OF ENTRIES = 13

Table 3-9

ENTRY	YIELD	DY.FL	GERM	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	E.ROT	ENTR																																																																																																																																																																																																																																																																																																																																																																																																													
											13	6	3	5	12	7	2	5	1	8	9	11	10																																																																																																																																																																																																																																																																																																																																																																																																	
Local Check	3898.34	79.75	21.00	134.75	59.50	30.25	0.00	22.00	22.00	0.50	0.50	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00	9.25	9.50	9.75	10.00	10.25	10.50	10.75	11.00	11.25	11.50	11.75	12.00	12.25	12.50	12.75	13.00	13.25	13.50	13.75	14.00	14.25	14.50	14.75	15.00	15.25	15.50	15.75	16.00	16.25	16.50	16.75	17.00	17.25	17.50	17.75	18.00	18.25	18.50	18.75	19.00	19.25	19.50	19.75	20.00	20.25	20.50	20.75	21.00	21.25	21.50	21.75	22.00	22.25	22.50	22.75	23.00	23.25	23.50	23.75	24.00	24.25	24.50	24.75	25.00	25.25	25.50	25.75	26.00	26.25	26.50	26.75	27.00	27.25	27.50	27.75	28.00	28.25	28.50	28.75	29.00	29.25	29.50	29.75	30.00	30.25	30.50	30.75	31.00	31.25	31.50	31.75	32.00	32.25	32.50	32.75	33.00	33.25	33.50	33.75	34.00	34.25	34.50	34.75	35.00	35.25	35.50	35.75	36.00	36.25	36.50	36.75	37.00	37.25	37.50	37.75	38.00	38.25	38.50	38.75	39.00	39.25	39.50	39.75	40.00	40.25	40.50	40.75	41.00	41.25	41.50	41.75	42.00	42.25	42.50	42.75	43.00	43.25	43.50	43.75	44.00	44.25	44.50	44.75	45.00	45.25	45.50	45.75	46.00	46.25	46.50	46.75	47.00	47.25	47.50	47.75	48.00	48.25	48.50	48.75	49.00	49.25	49.50	49.75	50.00	50.25	50.50	50.75	51.00	51.25	51.50	51.75	52.00	52.25	52.50	52.75	53.00	53.25	53.50	53.75	54.00	54.25	54.50	54.75	55.00	55.25	55.50	55.75	56.00	56.25	56.50	56.75	57.00	57.25	57.50	57.75	58.00	58.25	58.50	58.75	59.00	59.25	59.50	59.75	60.00	60.25	60.50	60.75	61.00	61.25	61.50	61.75	62.00	62.25	62.50	62.75	63.00	63.25	63.50	63.75	64.00	64.25	64.50	64.75	65.00	65.25	65.50	65.75	66.00	66.25	66.50	66.75	67.00	67.25	67.50	67.75	68.00	68.25	68.50	68.75	69.00	69.25	69.50	69.75	70.00	70.25	70.50	70.75	71.00	71.25	71.50	71.75	72.00	72.25	72.50	72.75	73.00	73.25	73.50	73.75	74.00	74.25	74.50	74.75	75.00	75.25	75.50	75.75	76.00	76.25	76.50	76.75	77.00	77.25	77.50	77.75	78.00	78.25	78.50	78.75	79.00	79.25	79.50	79.75	80.00	80.25	80.50	80.75	81.00	81.25	81.50	81.75	82.00	82.25	82.50	82.75	83.00	83.25	83.50	83.75	84.00	84.25	84.50	84.75	85.00	85.25	85.50	85.75	86.00	86.25	86.50	86.75	87.00	87.25	87.50	87.75	88.00	88.25	88.50	88.75	89.00	89.25	89.50	89.75	90.00	90.25	90.50	90.75	91.00	91.25	91.50	91.75	92.00	92.25	92.50	92.75	93.00	93.25	93.50	93.75	94.00	94.25	94.50	94.75	95.00	95.25	95.50	95.75	96.00	96.25	96.50	96.75	97.00	97.25	97.50	97.75	98.00	98.25	98.50	98.75	99.00	99.25	99.50	99.75	100.00
CPS x L. Rayittiri	2771.26	59.00	24.75	134.75	59.50	30.25	0.00	22.00	22.00	0.50	0.50	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00	9.25	9.50	9.75	10.00	10.25	10.50	10.75	11.00	11.25	11.50	11.75	12.00	12.25	12.50	12.75	13.00	13.25	13.50	13.75	14.00	14.25	14.50	14.75	15.00	15.25	15.50	15.75	16.00	16.25	16.50	16.75	17.00	17.25	17.50	17.75	18.00	18.25	18.50	18.75	19.00	19.25	19.50	19.75	20.00	20.25	20.50	20.75	21.00	21.25	21.50	21.75	22.00	22.25	22.50	22.75	23.00	23.25	23.50	23.75	24.00	24.25	24.50	24.75	25.00	25.25	25.50	25.75	26.00	26.25	26.50	26.75	27.00	27.25	27.50	27.75	28.00	28.25	28.50	28.75	29.00	29.25	29.50	29.75	30.00	30.25	30.50	30.75	31.00	31.25	31.50	31.75	32.00	32.25	32.50	32.75	33.00	33.25	33.50	33.75	34.00	34.25	34.50	34.75	35.00	35.25	35.50	35.75	36.00	36.25	36.50	36.75	37.00	37.25	37.50	37.75	38.00	38.25	38.50	38.75	39.00	39.25	39.50	39.75	40.00	40.25	40.50	40.75	41.00	41.25	41.50	41.75	42.00	42.25	42.50	42.75	43.00	43.25	43.50	43.75	44.00	44.25	44.50	44.75	45.00	45.25	45.50	45.75	46.00	46.25	46.50	46.75	47.00	47.25	47.50	47.75	48.00	48.25	48.50	48.75	49.00	49.25	49.50	49.75	50.00	50.25	50.50	50.75	51.00	51.25	51.50	51.75	52.00	52.25	52.50	52.75	53.00	53.25	53.50	53.75	54.00	54.25	54.50	54.75	55.00	55.25	55.50	55.75	56.00	56.25	56.50	56.75	57.00	57.25	57.50	57.75	58.00	58.25	58.50	58.75	59.00	59.25	59.50	59.75	60.00	60.25	60.50	60.75	61.00	61.25	61.50	61.75	62.00	62.25	62.50	62.75	63.00	63.25	63.50	63.75	64.00	64.25	64.50	64.75	65.00	65.25	65.50	65.75	66.00	66.25	66.50	66.75	67.00	67.25	67.50	67.75	68.00	68.25	68.50	68.75	69.00	69.25	69.50	69.75	70.00	70.25	70.50	70.75	71.00	71.25	71.50	71.75	72.00	72.25	72.50	72.75	73.00	73.25	73.50	73.75	74.00	74.25	74.50	74.75	75.00	75.25	75.50	75.75	76.00	76.25	76.50	76.75	77.00	77.25	77.50	77.75	78.00	78.25	78.50	78.75	79.00	79.25	79.50	79.75	80.00	80.25	80.50	80.75	81.00	81.25	81.50	81.75	82.00	82.25	82.50	82.75	83.00	83.25	83.50	83.75	84.00	84.25	84.50	84.75	85.00	85.25	85.50	85.75	86.00	86.25	86.50	86.75	87.00	87.25	87.50	87.75	88.00	88.25	88.50	88.75	89.00	89.25	89.50	89.75	90.00	90.25	90.50	90.75	91.00	91.25	91.50	91.75	92.00	92.25	92.50	92.75	93.00	93.25	93.50	93.75	94.00	94.25	94.50	94.75	95.00	95.25	95.50	95.75	96.00	96.25	96.50	96.75	97.00	97.25	97.50	97.75	98.00	98.25	98.50	98.75	99.00	99.25	99.50	99.75	100.00
CPS x GUA 314	1937.87	51.25	24.75	134.75	59.50	30.25	0.00	22.00	22.00	0.50	0.50	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00	9.25	9.50	9.75	10.00	10.25	10.50	10.75	11.00	11.25	11.50	11.75	12.00	12.25	12.50	12.75	13.00	13.25	13.50	13.75	14.00	14.25	14.50	14.75	15.00	15.25	15.50	15.75	16.00	16.25	16.50	16.75	17.00	17.25	17.50	17.75	18.00	18.25	18.50	18.75	19.00	19.25	19.50	19.75	20.00	20.25	20.50	20.75	21.00	21.25	21.50	21.75	22.00	22.25	22.50	22.75	23.00	23.25	23.50	23.75	24.00	24.25	24.50	24.75	25.00	25.25	25.50	25.75	26.00	26.25	26.50	26.75	27.00	27.25	27.50	27.75	28.00	28.25	28.50	28.75	29.00	29.25	29.50	29.75	30.00	30.25	30.50	30.75	31.00	31.25	31.50	31.75	32.00	32.25	32.50	32.75	33.00	33.25	33.50	33.75	34.00	34.25	34.50	34.75	35.00	35.25	35.50	35.75	36.00	36.25	36.50	36.75	37.00	37.25	37.50	37.75	38.00	38.25	38.50	38.75	39.00	39.25	39.50	39.75	40.00	40.25	40.50	40.75	41.00	41.25	41.50	41.75	42.00	42.25	42.50	42.75	43.00	43.25	43.50	43.75	44.00	44.25	44.50	44.75	45.00	45.25	45.50	45.75	46.00	46.25	46.50	46.75	47.00	47.25	47.50	47.75	48.00	48.25	48.50	48.75	49.00	49.25	49.50	49.75	50.00	50.25	50.50	50.75	51.00	51.25	51.50	51.75	52.00	52.25	52.50	52.75	53.00	53.25	53.50	53.75	54.00	54.25	54.50	54.75	55.00	55.25	55.50	55.75	56.00	56.25	56.50	56.75	57.00	57.25	57.50	57.75	58.00	58.25	58.50	58.75	59.00	59.25	59.50	59.75	60.00	60.25	60.50	60.75	61.00	61.25	61.50	61.75	62.00	62.25	62.50	62.75	63.00	63.25	63.50	63.7																																																																																																																																																	

RUVI - 3 EXTRA-EARLY VARIETIES
 COOPERATOR : GARU AGRIC STATION
 LOCATION : GARU - GHANA
 No OF REPS = 4 No OF ENTRIES = 13

Table 3-10

ENTRY	YIELD	DF:FL	%GERM	PL:HT	E:HT	P:HARV	E:HARV	N:E:ROT	DWT	%E:ROT
11 TZEE-Yellow-pool	1757.14	47.75	93.05	114.00	37.75	48.75	47.00	2.71	1.75	6.82
8 TZEE-W-2	1732.04	48.25	76.28	114.00	43.25	40.75	39.25	2.37	1.75	5.82
12 TZEE-Y	1581.43	51.00	89.28	113.25	50.00	46.75	41.00	2.55	1.52	16.24
6 TZESRM x GUA 314	1455.92	49.75	93.13	126.25	54.75	48.75	39.00	2.75	1.52	26.11
2 PL-27 x GUA 314	1430.81	48.25	91.00	105.00	34.75	46.75	42.00	4.00	1.42	24.61
4 TZEE-W-1	1355.51	49.75	88.25	110.50	39.50	42.25	40.75	4.50	1.42	11.74
7 Pop 30 x L:Rayitiri	1355.51	48.75	88.68	111.75	42.25	42.25	43.25	3.80	1.35	7.17
5 TZEE-White Pool	1204.90	50.75	92.13	111.50	39.00	48.00	42.25	4.25	1.35	10.60
3 AGR-8131xJFSxLR	1054.28	51.50	88.70	112.75	43.50	45.50	44.25	3.50	1.25	17.65
10 Local Check	878.57	49.50	79.43	136.75	60.75	40.25	33.25	5.90	1.08	14.74
OVERALL MEAN	1380.71	50.25	85.41	115.00	41.08	47.71	39.67	5.21	1.37	14.24
STANDARD ERROR	212.63	0.78	7.07	8.19	4.01	3.33	3.34	1.67	0.21	5.38
LSD 5%	610.86	2.24	20.31	23.54	11.53	9.57	9.59	4.83	0.60	15.50
PROB. 1%	817.76	3.00	27.19	31.52	15.44	12.82	12.84	6.01	0.81	20.79
COEF. OF VARIATION	30.80	3.10	16.55	14.25	19.12	14.91	16.84	64.44	30.80	75.56

Table 3-11

RUVT - 3 EXTRA-EARLY VARIETIES
 COOPERATOR : N. COULIBALY
 LOCATION : BEMA-MALI
 NO OF REPS = 4 NO OF ENTRIES = 13

ENTRY	YIELD	DY.FL	PLAD	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	D.WTA
13 Local Check	3141.10	44.25	80.50	105.25	55.20	0.75	1.50	70.50	40.25	1.81
14 TZEEL-Yellow Pool	2445.92	41.50	79.25	106.25	65.00	0.75	4.25	70.50	39.50	1.44
1 PL-27 x GUA 314	2357.37	41.75	81.00	111.50	61.25	1.25	9.87	47.50	44.25	1.47
1 ACR-8131 x JFS x LF	2220.24	42.00	77.50	116.50	71.25	0.00	7.00	55.25	33.25	1.11
1 CPS-F-Y L. Payitiri	1928.25	41.75	78.00	113.00	87.00	0.00	9.00	55.25	33.25	1.11
1 TZEESRW-1 x GUA 314	1747.30	41.50	73.75	122.00	77.00	1.00	13.00	50.00	35.00	1.11
7 TZEEL-Y	1777.97	40.75	85.00	120.50	67.50	0.00	13.00	50.00	35.00	1.11
10 TZEEL-White Pool	1511.15	41.00	75.25	107.50	57.25	0.25	12.00	50.00	37.00	1.11
2 CPS-Early	1431.15	42.50	85.25	97.00	48.25	0.25	11.75	50.00	38.75	1.11
9 TZEEL-W-2	1257.81	40.50	85.25	103.50	61.25	0.50	11.00	50.00	33.00	1.11
3 Pop 50 x GUA 314	1795.24	41.25	81.00	105.00	67.50	0.50	17.00	50.00	33.00	1.11
OVERALL MEAN	1894.363	41.500	80.481	109.423	64.904	0.765	8.396	57.788	39.139	1.366
STANDARD ERROR	282.462	0.291	5.820	9.049	6.308	0.653	2.308	3.318	3.339	0.517
LSU 5 %	811.678	0.836	16.719	25.997	18.220	2.204	6.875	9.533	9.594	1.517
LSU 1 %	1025.330	1.119	22.382	34.802	24.260	3.044	9.001	12.761	12.874	2.087
PROB. OF VARIATION	0.0002	0.1000	0.1318	0.5367	0.2038	0.1735	0.0001	0.7220	0.374	0.0987
COEFF. OF VARIATION	29.821	1.402	14.462	16.539	19.438	2.345	53.691	17.562	17.514	26.348

ENTRY	D.F.B	F.RL	F.SL	S.P.E.C.T.#
13 Local Check	1.33	0.00	3.94	0.77
14 TZEEL-Yellow Pool	1.29	4.46	10.92	0.65
1 PL-27 x GUA 314	0.95	3.57	12.02	0.65
1 ACR-8131 x JFS x LF	0.84	12.43	19.66	0.66
1 CPS-F-Y L. Payitiri	0.75	10.00	20.07	0.70
1 TZEESRW-1 x GUA 314	0.78	6.24	9.97	0.69
7 TZEEL-W-1	1.20	0.00	49.26	0.67
10 TZEEL-Y	0.81	0.00	15.29	0.67
2 CPS-Early	0.87	8.24	13.31	0.58
9 TZEEL-W-2	0.68	0.00	22.76	0.54
3 Pop 50 x GUA 314	0.58	11.30	24.67	0.57
OVERALL MEAN	0.760	6.811	24.359	0.624
STANDARD ERROR	0.122	0.126	3.126	0.047
LSU 5 %	0.359	3.126	20.126	0.136
LSU 1 %	0.469	31.422	27.023	0.182
PROB. OF VARIATION	0.0002	0.1622	0.0001	0.2936
COEFF. OF VARIATION	27.095	240.452	57.220	14.266

Table 3-12

RUVT - 3 EXTRA-EARLY VARIETIES
 COOPERATOR : N. COHLIBALY
 LOCATION : KATIBOUGOU - MALI

No OF REPS = 4 No OF ENTRIES = 13

ENTRY	YFLD	DY.FL	PL.HT	E.HT	RL	SL	P.HRV	E.HRV	MOIST	DWA
12 TZEF-Y	3273.34	47.50	139.00	53.70	17.00	1.00	44.25	44.25	15.92	3.91
3 CPS x L-Rayitiri	3137.14	47.00	147.50	53.70	5.75	0.00	46.00	46.00	15.12	2.22
6 TZESRW x GUA 314	2984.14	48.00	147.50	54.75	5.75	0.00	45.50	46.50	14.49	2.22
11 TZEE-Yellow Pool	2818.20	44.00	136.00	49.50	14.00	0.00	46.25	47.75	15.49	2.22
15 ACR-8131xJFSxLR	2556.16	46.50	133.25	53.25	11.75	0.00	46.00	46.25	15.26	2.22
15 Popal Y	2437.56	48.25	133.25	53.25	11.75	0.00	46.00	46.25	15.26	2.22
17 TZEE-W-1	2417.44	41.00	120.75	44.75	11.25	0.00	45.25	44.50	15.44	2.22
8 TZEE-W-2	2380.07	45.00	125.25	51.75	11.00	0.00	47.50	48.00	13.60	2.22
4 PLS-27 x GUA 314	2331.40	45.00	123.75	50.75	11.00	0.00	48.75	50.00	14.87	2.22
2 CPS Early	2331.03	47.50	121.75	45.25	11.00	0.00	47.75	50.00	13.96	2.22
9 TZEE-White Pool	2011.98	45.50	124.50	43.00	13.25	0.00	42.75	42.75	13.96	2.22
OVERALL MEAN	2576.051	45.981	130.038	50.577	12.000	3.462	45.346	45.865	17.809	2.389
STANDARD ERROR	195.508	0.740	6.779	0.553	0.997	0.994	1.697	1.945	0.821	0.374
LSD 5%	561.671	2.127	18.779	1.456	2.610	2.600	4.876	5.588	1.785	0.500
LSD 1%	751.911	2.847	25.139	1.933	3.526	3.513	6.527	7.481	2.389	0.669
PROB. OF VARIATION	15.179	0.3220	0.0293	0.1364	0.1261	0.3614	0.7485	0.8482	0.0864	0.0007
COEF. OF VARIATION				19.981	49.947	109.627	0.7485	8.482	8.392	14.571

ENTRY	DWB	%RC	%SL	SHELL
12 TZEF-Y	2.46	23.03	2.08	0.879
3 CPS x L-Rayitiri	2.30	17.45	1.46	0.823
6 TZESRW x GUA 314	2.29	13.45	1.00	0.839
11 TZEE-Yellow Pool	2.13	31.293	5.46	0.82
15 ACR-8131xJFSxLR	1.91	22.293	1.70	0.81
15 Popal Y	1.83	22.64	1.00	0.81
17 TZEE-W-1	1.77	37.069	7.68	0.84
8 TZEE-W-2	1.83	27.12	2.29	0.881
4 PLS-27 x GUA 314	1.76	42.91	5.53	0.82
2 CPS Early	1.75	24.186	1.47	0.829
9 TZEE-White Pool	1.51	31.838	1.65	0.84
OVERALL MEAN	1.930	26.772	11.661	0.812
STANDARD ERROR	0.149	6.401	0.621	0.045
LSD 5%	0.425	18.388	19.038	0.125
LSD 1%	0.571	24.616	25.480	0.168
PROB. OF VARIATION	0.0021	0.1720	0.2889	0.058
COEF. OF VARIATION	15.287	47.816	113.659	0.2738

RUVI - 3 EXTRA-EARLY VARIETIES
 COOPERATION : P.L. VISSER

3-13

LOCATION : LCSSA-NIGER
 No OF REPS = 4
 No OF ENTITIES = 13

ENTRY	YIELD	DY.FL	PL.HT	P.HARV	E.HARV	R.E.FOT	DMT	SE.FOT
11	TZEE-Yellow Foot	1517.13	42.00	93.75	24.00	27.75	0.00	0.00
5	Pop 30 x GUA 314	1243.61	43.50	93.50	17.25	17.25	0.00	19.63
7	TZEE-W-1	9773.81	42.75	99.00	17.00	19.00	0.00	0.63
1	ACK-8131xJFSxLK	972.53	45.00	99.75	19.50	17.50	0.00	1.37
18	TZEE-W-2	959.98	42.75	95.25	18.00	14.00	0.00	0.67
110	TZEE-Y	290.61	43.50	86.00	15.25	14.50	0.00	0.30
4	PL-27 x GUA 314	865.67	43.00	94.75	15.00	20.00	0.00	1.82
3	CPS x L.Kayititi	778.03	45.00	91.00	13.00	17.00	0.00	0.76
9	TZEE-White Pool	765.44	42.75	95.00	13.50	17.00	0.00	0.00
6	TZESRW x GUA 314	671.36	45.00	90.75	11.00	16.00	0.00	17.70
2	CPS Early	207.45	44.00	93.50	9.25	16.00	0.00	6.24
13	Local Check	233.43	44.25	86.00	9.75	9.25	0.00	78.64
OVERALL MEAN	350.27	43.73	93.00	15.98	16.42	1.07	0.34	11.47
STANDARD ERROR	350.48	0.55	3.74	1.67	4.87	1.60	1.40	428.5
LSD 5%	1006.88	1.58	10.74	4.97	11.74	3.33	4.01	138.57
LSD 1%	1347.92	2.11	14.38	6.27	15.18	4.46	5.37	181.64
PROB. OF VARIATION	0.53	0.01	0.38	0.27	0.24	0.35	0.44	0.15
COEFF. OF VARIATION	81.96	2.52	3.03	5.15	49.71	21.54	81.96	240.98

RUVT - 3 EXTRA-EARLY VARIETIES

Table 3-14

COOPERATOR : ABDU NDIAYE

LOCATION : SCCAS - SENEGAL

No OF REPS = 4

No OF ENTRIES = 13

ENTRY	YIELD	DY.FE	PL.ST	PL.HT	E.HT	SE.RAT	P.HARV	E.HARV	E.ROT	MOIST
13 Local Check	1224.73	47.50	39.75	112.00	50.00	3.50	20.00	22.25	3.00	10.97
3 CPS x L.Rayitiri	1275.72	42.50	39.00	120.25	52.25	3.50	20.50	20.25	3.25	10.52
12 TZLF-Y	1213.96	42.75	41.00	108.75	53.75	3.75	20.25	19.25	3.00	10.85
1 ACR.8131xJFSxLR	1122.23	41.75	43.00	108.25	47.50	3.75	21.00	20.00	3.00	10.52
6 TZLSRW x GUA 314	1073.77	43.75	43.25	106.49	46.11	4.00	21.75	20.30	3.00	10.27
7 TZEE-W-1	1033.56	39.50	43.00	113.49	59.44	3.75	22.50	23.75	2.75	10.82
4 PL-27 x GUA 314	1023.42	38.50	43.50	124.00	52.00	3.75	19.25	29.00	2.75	10.23
11 TZEE-Yellow Pool	1021.73	38.00	38.00	106.00	51.50	3.00	20.50	18.25	2.75	10.21
2 CPS Early	943.24	40.75	40.25	101.53	44.25	3.75	19.50	23.75	2.75	10.63
8 TZEE-W-2	895.37	39.75	42.50	128.00	55.00	3.50	22.75	24.75	2.75	10.10
5 Pop 30 x GUA 314	843.26	39.75	43.00	117.86	61.92	3.25	18.75	19.00	2.75	10.35
10 TZEE-Y	746.78	39.00	41.50	106.19	50.25	3.25	16.50	15.50	2.50	9.95
9 TZEE-White Pool	643.52	39.25	42.00	102.00	44.00	2.75	17.25	19.50	2.50	9.75
OVERALL MEAN	1010.076	41.056	41.519	112.216	52.151	3.288	20.038	21.212	2.827	10.396
STANDARD ERROR	192.486	0.815	1.269	10.027	4.089	0.348	3.129	3.803	0.201	0.235
LSD 5%	555.109	2.341	3.646	28.968	11.313	0.999	8.989	10.926	0.577	0.678
LSD 1%	746.972	3.133	4.881	38.911	15.867	1.338	12.033	14.627	0.772	0.910
PROB. OF F	0.4503	0.0000	0.0555	0.7313	0.0531	0.1890	0.9739	0.6251	0.3660	0.0270
COEF. OF VARIATION	38.113	3.965	6.114	17.871	15.681	21.155	31.229	35.861	14.208	4.514

ENTRY	INST
13 Local Check	1.50
3 CPS x L.Rayitiri	1.75
12 TZLF-Y	1.25
1 ACR.8131xJFSxLR	1.00
6 TZLSRW x GUA 314	1.50
7 TZEE-W-1	1.25
4 PL-27 x GUA 314	1.25
11 TZEE-Yellow Pool	1.50
2 CPS Early	1.00
8 TZEE-W-2	1.25
5 Pop 30 x GUA 314	1.25
10 TZEE-Y	1.00
9 TZEE-White Pool	1.00
OVERALL MEAN	1.269
STANDARD ERROR	1.230
LSD 5%	0.685
LSD 1%	0.917
PROB. OF F	0.4503
COEF. OF VARIATION	37.585

RUVT - 3 EXTRA-EARLY VARIETIES

Table 3-15

COOPERATOR : BUREAU RECHERCHE AGRONOMIQUE

LOCATION : GASSI - TCHAD

No OF KEPS = 4

No OF ENTRIES = 13

ENTRY	YIELD	DT.FC	GERM	PLANT	HEIGHT	RC	SL	P.HARV	E.HARV	CSV	
1	ACR-8131xJFSxCR	2603.88	44.00	95.00	182.50	87.50	2.00	4.25	26.25	27.75	2.00
3	CPS x L.Kayitiri	2321.53	43.75	90.00	187.50	90.00	7.25	3.25	24.00	24.50	1.50
10	TZEE-Y	2290.16	40.50	95.00	165.00	72.50	6.00	2.25	24.25	26.50	0.75
11	TZEE-Yellow Pool	2164.67	41.75	95.00	165.00	80.00	2.25	2.75	23.25	25.50	1.00
8	TZEE-w-2	1919.54	42.00	95.00	167.50	85.00	6.75	3.50	22.25	27.00	0.50
4	PL-27 x GUA 314	1913.69	39.50	93.75	165.00	72.50	5.25	2.25	23.00	27.75	1.25
5	Pop 30 x GUA 314	1725.46	42.00	95.00	180.00	87.50	8.75	2.50	24.50	26.25	0.50
12	TZEF-Y	1662.72	42.50	95.00	177.50	37.50	4.00	2.25	22.50	22.75	1.75
2	CPS Early	1662.72	44.50	95.00	165.00	72.50	5.75	2.75	20.00	20.75	1.25
7	TZEE-w-1	1563.60	42.50	95.00	160.00	82.50	8.00	4.75	22.00	26.50	2.00
9	TZEE-white Pool	1459.10	42.25	95.00	157.50	75.00	10.00	2.50	19.00	22.00	3.50
6	TZESRW x GUA 314	1286.25	46.75	95.00	180.00	92.50	3.25	2.50	20.50	21.00	0.00
13	Local Check	840.05	52.25	92.50	225.00	142.50	5.00	5.00	15.90	15.72	5.25
OVERALL MEAN		1801.411	43.704	94.327	175.192	86.731	5.712	3.115	22.108	24.151	1.635
STANDARD ERROR		217.220	1.013	1.498	5.494	4.731	1.815	0.713	1.686	2.100	0.770
LSD 5%		626.773	2.910	4.303	15.783	13.592	5.214	2.048	4.849	6.039	2.215
LSD 1%		841.250	3.896	5.761	21.129	18.195	6.980	2.741	6.495	8.089	2.967
PROB. OF F		0.0002	0.0000	0.4685	0.0000	0.0000	0.0824	0.0751	0.0139	0.0079	0.0028
COEF. OF VARIATION		24.117	4.668	3.176	6.272	10.910	63.549	45.757	15.253	17.391	94.252

ENTRY	DWT	OTH	%RC	%SL	
1	ACR-8131xJFSxCR	2.08	15.80	7.56	16.33
3	CPS x L.Kayitiri	1.85	15.95	31.83	12.85
10	TZEE-Y	1.83	14.75	24.04	9.45
11	TZEE-Yellow Pool	1.73	14.80	9.65	12.05
8	TZEE-w-2	1.45	12.20	34.51	16.15
4	PL-27 x GUA 314	1.52	11.80	25.35	9.97
5	Pop 30 x GUA 314	1.38	12.40	36.75	10.44
12	TZEF-Y	1.33	12.35	18.03	10.50
2	CPS Early	1.33	12.85	34.01	14.16
7	TZEE-w-1	1.25	11.25	38.31	21.64
9	TZEE-white Pool	1.00	11.69	84.95	14.63
6	TZESRW x GUA 314	1.02	13.05	16.57	12.17
13	Local Check	0.55	13.22	32.56	31.98
OVERALL MEAN		1.408	13.240	30.317	14.783
STANDARD ERROR		0.175	0.735	16.838	3.725
LSD 5%		0.502	2.115	48.423	10.712
LSD 1%		0.673	2.835	64.862	14.349
PROB. OF F		0.0000	0.0002	0.2534	0.0103
COEF. OF VARIATION		24.822	11.101	111.084	50.361

Table 3-16

RUV1 - 3 EXTRA-EARLY VARIETIES
 COOPERATOR : H. RENEAUD & P. TOKY
 LOCATION : BROUKOU - TOGO
 No OF REPS = 4
 No OF ENTRIES = 13

ENTRY	YIELD	DT	PL	ST	PL	HT	E	HT	RL	SL	P	HARV	E	HARV	N	STREAK
0	TZE SRM x GUA 314	3774.0	20	46	30	48	50	172	0.00	0.00	75	00	47	00	47	75
1	CPS Early	3413.87	42	50	49	50	52	134	0.00	0.00	47	00	47	00	47	75
2	TZE E-White Pool	2811.42	41	75	48	75	61	137	0.25	0.50	48	00	48	00	47	75
3	CPS x L-Rayitifi	2761.22	44	75	50	25	57	137	0.00	0.00	45	75	49	00	49	00
4	POP x GUA 314	2660.81	44	00	50	00	55	147	0.00	0.00	49	00	49	00	49	00
5	TZE F-Y	2535.30	44	50	50	00	83	155	0.00	0.00	47	25	47	00	47	25
6	CHECK-W-1 JAUNE DE BR	2460.89	48	50	49	50	83	155	0.00	0.00	47	25	47	00	47	25
7	PL-27 x GUA 314	2434.89	41	25	51	25	52	132	0.25	0.00	49	00	49	00	49	00
8	TZE E-W-2	2309.33	41	75	50	25	52	132	0.00	0.00	48	75	48	75	48	75
9	ACR-8131xJFSxLR	2284.28	43	75	51	25	52	132	0.00	0.00	48	75	48	75	48	75
10	TZE E-Yellow Pool	2158.77	41	75	50	25	51	133	0.00	0.00	48	75	48	75	48	75
11	TZE E-Y	1681.83	39	25	49	25	46	123	0.00	0.00	48	00	48	00	48	00
OVERALL MEAN		2591.23	43	09	49	84	61	138	0.15	1.17	48	21	47	26	47	26
STANDARD ERROR		168.42	0.31	76	1.19	33	4.38	51	0.24	0.84	1.27	27	2.26	1.7	2.26	20
LSD 5%		483.87	2.35	18	3.42	8	12.38	4	0.70	2.53	3.65	1.89	6.51	2.17	6.51	12
LSD 1%		647.76	3.14	27	4.58	9	16.67	6	0.94	3.50	4.89	2.57	8.72	3.17	8.72	16
PROB. OF VARIATION		0.0000	0.0000	0.0000	0.8183	3	14.26	0.0000	0.1771	0.0017	0.7757	0.281	0.0067	0.067	0.067	0.264
COEF. OF VARIATION		13.0000	3.79	87	4.78	37	23.88	7.16	31.86	14.19	28.1	48.8	10.68	10.68	48.8	27.9

ENTRY	DMT	REL	REL	REL	REL	REL	REL	REL	REL	REL	REL	REL	REL	REL	REL	REL
0	TZE SRM x GUA 314	3.77	0.00	2.10	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	CPS Early	3.41	0.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	TZE E-White Pool	2.81	0.00	2.14	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	CPS x L-Rayitifi	2.76	0.00	2.49	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	POP x GUA 314	2.66	0.00	2.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	TZE F-Y	2.53	0.00	2.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	CHECK-W-1 JAUNE DE BROUK	2.46	0.00	2.49	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	PL-27 x GUA 314	2.43	0.00	2.25	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	TZE E-W-2	2.30	0.00	2.25	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	ACR-8131xJFSxLR	2.28	0.00	2.25	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	TZE E-Yellow Pool	2.15	0.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	TZE E-Y	1.68	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OVERALL MEAN		2.58	0.31	2.17	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STANDARD ERROR		0.16	0.47	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSD 5%		0.48	1.14	3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSD 1%		0.64	1.47	4.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PROB. OF VARIATION		0.0000	0.0000	0.0000	0.8183	3	14.26	0.0000	0.1771	0.0017	0.7757	0.281	0.0067	0.067	0.067	0.264
COEF. OF VARIATION		13.0000	32.47	14.26	31.86	14.19	28.1	48.8	10.68	10.68	48.8	27.9	10.68	10.68	48.8	27.9

Table 3-17

RUVI - 3 EXTRA-EARLY VARIETIES
 COOPERATOR : H. RENEAUD & P. TOKY
 LOCATION : TANTIEGOU - TOGO
 No OF REFS = 4 No OF ENTRIES = 13

ENTRY	YIELD	DP.FL	PL.ST	PC.HT	E.HT	RL	SL	P.HARV	E.HARV	N.STREAK
12 TZEEFY	3790.40	44.25	51.25	177.75	58.75	11.25	3.00	50.00	48.25	0.75
6 TZESRW x GUA 314	3765.30	46.25	51.75	151.00	62.00	11.50	5.00	46.50	47.75	0.25
3 CPS x L.KAYI 314	3589.39	42.25	51.25	145.75	55.75	11.50	2.75	48.00	48.25	0.50
4 PL-27 x GUA 314	3464.18	42.75	51.75	131.00	53.75	11.50	2.75	47.50	48.25	0.00
5 POP-30 x GUA 314	3464.08	42.50	51.75	140.75	53.75	11.50	2.25	47.50	46.50	0.00
8 AGE-8131xJFSXLR	3413.87	39.25	51.50	149.25	58.25	11.25	2.50	47.25	46.50	0.00
11 TZEE-White Pool	3137.75	41.25	51.75	140.50	55.50	11.50	2.25	46.50	43.50	0.00
2 CPS Early	3037.34	43.75	51.50	129.50	52.50	11.50	2.25	46.50	45.25	0.25
7 TZEE-White Pool	2987.14	43.75	51.50	131.75	55.00	11.50	2.25	47.00	44.50	0.00
9 TZEE-White Pool	2987.14	43.75	51.50	131.75	55.00	11.50	2.25	46.25	43.50	0.25
13 CHECK JAUNE GANDO	2861.63	38.75	51.50	136.00	64.00	11.50	3.50	46.25	44.75	0.25
10 TZEE-Y	2861.63	38.75	51.50	136.00	64.00	11.50	3.50	46.25	44.75	0.25
OVERALL MEAN	3288.362	42.423	51.327	140.519	57.208	11.272	3.053	47.481	45.962	0.489
STANDARD ERROR	244.6075	4.4711	0.3788	14.8366	5.3766	0.9392	0.7633	1.1499	1.7844	0.489
LSD 5%	702.9802	1.3544	1.0853	16.7666	10.6888	2.6977	2.1932	3.4444	5.1244	1.3992
LSD 1%	940.9802	1.8133	1.4875	22.0243	14.0520	3.6100	2.9374	4.6110	6.8600	1.8733
PROB. OF VARIATION	0.09005	0.00000	0.48772	0.02436	0.05297	0.00200	0.4793	0.3160	0.4755	0.00033
COEF. OF VARIATION	14.881	2.222	1.4472	8.306	13.397	0.710	74.150	5.049	7.761	133.287

ENTRY	DWT	RL	SL
12 TZEEFY	3.775	2.02	6.05
6 TZESRW x GUA 314	3.775	2.02	6.05
3 CPS x L.KAYI 314	3.558	2.17	5.81
4 PL-27 x GUA 314	3.445	2.10	5.86
5 POP-30 x GUA 314	3.445	2.17	5.59
8 AGE-8131xJFSXLR	3.400	1.56	3.21
11 TZEE-White Pool	3.333	1.61	3.63
2 CPS Early	3.333	1.26	3.76
7 TZEE-White Pool	3.300	2.74	3.75
9 TZEE-White Pool	3.003	3.26	2.77
13 CHECK JAUNE GANDO	2.978	2.20	4.27
10 TZEE-Y	2.85	4.01	3.94
OVERALL MEAN	3.275	2.039	4.300
STANDARD ERROR	0.244	1.939	1.564
LSD 5%	0.700	5.570	4.494
LSD 1%	0.937	7.456	6.018
PROB. OF VARIATION	0.0905	0.0040	0.5548
COEF. OF VARIATION	14.881	94.597	72.759

Table 1. Grain yield of varieties tested in RUVT-1 (drought resistant early maturing maize) trial at 16 locations in 9 countries and across-location mean for days to 50 % silking, plant height and number of plants harvested (per plot) in 1989.

Variety	Location Codes ^c	GRAIN YIELD (T / HA) ^a									
		BENIN	BURKINA FASO			CAMEROON			CAR ^b	GHANA	
		1	2	3	4	5	6	7	8	9	10
TZE Comp. 3 x 4 F3		4.59	3.05	3.77	4.15	6.17	4.87	3.60	3.12	3.40	5.61
Farako-Bâ 86 Pool 16 DR(HD)		3.95	3.53	4.06	3.72	5.39	4.58	3.24	4.17	3.35	5.18
DMR-ESRY		3.98	2.95	3.50	3.46	5.21	4.82	3.31	3.81	3.86	5.66
Pool 16 DR C2		3.77	4.01	3.98	3.41	5.23	5.19	2.36	3.98	2.33	5.23
SAFITA-2 (RE)		3.60	3.31	4.56	3.46	5.91	4.60	3.88	3.23	3.42	4.32
Kamboinse 86 Pool 16 DR		3.81	2.32	3.88	3.33	5.49	4.97	3.66	4.16	3.00	4.74
Pool 16 DR C1		4.05	3.42	3.88	3.73	5.82	4.47	2.99	3.29	2.88	5.34
Across 86 Pool 16 DR		3.69	3.22	4.96	3.26	5.11	4.80	3.13	3.54	3.29	5.33
Early 86 Pool 16 DR		3.76	3.27	4.38	2.80	4.81	4.40	3.37	3.55	3.20	4.89
Pool 16 DR C0		3.95	3.00	3.98	3.98	5.40	4.06	2.72	3.12	3.23	4.69
Kamboinse(1) 84 TZESR-W		3.81	3.14	4.01	3.11	5.41	4.67	3.24	3.12	3.37	5.07
DR Comp. Early		3.37	3.37	3.96	2.92	5.71	4.63	2.80	3.33	2.14	4.56
Kawanzie		3.07	3.19	4.17	3.80	5.53	4.06	3.33	3.44	2.05	3.97
Local check		4.91	2.34	3.06	2.48	5.61	5.16	2.66	3.14	2.82	4.74
Location mean		3.88	3.15	4.01	3.40	5.49	4.66	3.16	3.50	3.02	4.95
L.S.D. 5 %		0.66	1.04	1.20	0.78	1.18	0.75	1.16	1.33	1.29	0.71
Prob. of F		0.00	0.18	0.35	0.00	0.74	0.09	0.40	0.77	0.21	0.00
C.V. (%)		12	23	21	16	15	11	26	27	30	10

^a At 15 % moisture content.

^b CAR = Central African Republic.

^c Location codes : 1 = Ina, 2 = Kamboinse (Simple ridges), 3 = Kamboinse (Tied ridges), 4 = Niangoleko, 5 = Maroua, 6 = Sanguere, 7 = Soucoundou, 8 = Sombe, 9 = Damongo, 10 = Nyankpala, 11 = Bordo-Kankan, 12 = Sotuba, 13 = Fanaye, 14 = SOCAS, 15 = Broukou, 16 = Tantiegou.

Table 1. Contd.

Variety	Location Codes ^c	GRAIN		YIELD		(T / HA) ^a		VARIETY MEAN	Days to 50 % Silking	P Plant ht (cm)	No plant harvested
		GUINEA 11	MALI 12	SENEGAL 13 14		TOGO 15 16					
TZE Comp. 3 x 4 F3		4.88	6.05	2.96	2.84	4.02	4.17	4.20	51	161	43
Farako-Bâ 86 Pool 16 DR(HD)		4.67	5.66	3.33	2.47	3.92	3.94	4.07	51	164	42
DMR-ESRY		4.40	5.63	4.16	1.85	4.14	4.05	4.05	53	174	41
Pool 16 DR C2		4.46	5.20	3.43	2.52	4.32	4.39	3.99	51	157	41
SAFITA-2 (RE)		4.74	5.61	2.87	2.89	3.56	3.54	3.97	52	157	42
Kamboinse 86 Pool 16 DR		5.00	5.11	3.13	3.07	3.36	4.06	3.94	51	154	42
Pool 16 DR C1		4.37	5.93	3.08	2.81	3.41	3.54	3.94	51	156	42
Across 86 Pool 16 DR		3.83	6.14	2.51	2.67	3.89	3.03	3.90	52	159	41
Early 86 Pool 16 DR		4.58	6.24	3.22	2.35	3.72	3.62	3.88	51	156	42
Pool 16 DR C0		4.32	5.64	2.79	2.43	3.94	3.50	3.80	51	157	41
Kamboinse(1) 84 TZESR-W		4.64	5.89	2.57	2.12	3.49	3.06	3.79	51	157	42
DR Comp. Early		5.14	6.10	2.36	2.22	3.09	4.25	3.75	50	162	40
Kawanzie		4.77	5.13	3.12	2.13	2.74	3.42	3.62	51	150	41
Local Check		4.28	4.77	3.06	1.59	2.64	2.31	3.47	54	173	38
Location Mean		4.58	5.65	3.04	2.43	3.59	3.63				
L.S.D. 5 %		0.92	1.02	1.25	0.91	1.03	1.39				
Prob. of F.		0.40	0.13	0.42	0.09	0.05	0.21				
C.V. (%)		14	13	29	26	20	27				

Table 2. Grain yield of varieties tested in RUVT-2 (intermediate and late maturing maize) trial at 11 locations in 6 countries and across-location mean for days to 50 % silking, plant height and number of plants harvested (per plot) in 1989.

Variety	Location Codes ^b	GRAIN YIELD (T / HA) ^a											Days to 50 % silking	Plant ht (cm)	No plant harvested	
		BENIN		CAMEROON		GHANA		GUINEA		NIGER	TOGO					VARIETY MEAN
		1	2	3	4	5	6	7	8	9	10	11				
EV 8422-SR		4.37	4.31	5.43	6.57	4.74	6.92	6.46	6.67	5.25	4.74	5.57	5.55	61	199	39
Ndock 8701		3.59	4.35	4.62	7.21	5.05	6.02	6.03	6.69	7.77	4.70	4.74	5.53	60	207	38
CMS 8710		3.63	4.45	4.60	7.33	4.63	5.20	7.50	6.98	6.14	4.62	5.10	5.47	60	207	35
EV 8428-SR		4.13	4.36	5.49	6.99	4.82	5.92	5.86	5.99	5.56	5.20	5.00	5.39	58	190	39
TZPB-SR		4.05	4.03	4.80	6.80	5.46	6.20	6.91	6.63	4.60	4.24	5.15	5.35	62	202	39
Local Check		4.78	4.52	4.89	7.29	5.07	5.93	5.44	5.69	5.95	4.97	4.19	5.34	60	203	40
Maracay 7921-SR		4.05	4.56	4.48	6.96	4.61	6.20	5.84	6.40	5.44	4.29	5.30	5.28	60	190	39
Okomasa		4.41	4.02	4.54	6.31	4.51	6.36	6.73	6.34	5.18	5.27	3.77	5.22	61	204	37
Across 85 TZSR-W-1		3.16	4.16	4.79	6.86	4.47	6.28	6.72	6.07	4.64	4.39	5.35	5.17	61	198	40
EV 8444-SR		4.86	4.88	4.74	5.00	3.66	5.49	6.70	5.59	5.29	4.24	5.22	5.06	56	184	39
Loumbila 84 TZUT-Y		3.55	4.49	5.16	5.57	4.32	4.46	6.23	5.53	5.18	4.90	4.97	4.94	55	196	39
Farako-Bâ 85 TZSR-Y-1		4.54	4.19	4.73	5.79	3.67	5.39	6.16	5.59	4.38	4.17	5.10	4.88	59	202	39
AB 22		3.07	4.01	5.02	5.55	2.99	4.45	5.76	6.21	4.81	4.17	4.24	4.57	57	170	33
Location Mean		4.01	4.33	4.87	6.48	4.46	5.76	6.33	6.18	5.40	4.61	4.90				
L.S.D. 5 %		1.74	1.58	1.56	1.40	0.94	0.67	1.35	0.46	1.68	1.03	1.13				
Prob. of F.		0.53	0.99	0.97	0.02	0.00	0.00	0.18	0.00	0.03	0.33	0.09				
C.V. (%)		30	25	22	15	15	8	15	5	22	16	16				

^a At 15 % moisture content.

^b Location codes : 1 = Bagou, 2 = Ina, 3 = Maroua, 4 = Sanguere, 5 = Damongo, 6 = Nyankapala, 7 = Bordo-Kankan, 8 = Kilissi, 9 = Bengou, 10 = Broukou, 11 = Tantieou.

Table 3. Grain yield of varieties tested in RUVT-3 (extra-early maturing maize) trial at 11 locations in 6 countries and across-location mean for days to 50 % silking, plant height and number of plants harvested (per plot) in 1989.

Variety	Location Codes ^b	GRAIN YIELD (T / HA) ^a											Days to 50 % silking	Plant ht (cm)	No plant harvested	
		BENIN		BURKINA		CAMEROON		MALI		TCHAD	TOGO					VARIETY MEAN
		1	2	3	4	5	6	7	8		9	10				
TZESR-W x Gua 314 F4		4.23	1.96	2.68	6.15	7.61	5.33	1.85	2.98	1.29	3.74	3.77	3.78	46	154	41
TZEF-Y		2.54	1.67	2.64	7.17	7.07	6.26	1.99	3.27	1.66	2.54	3.79	3.69	45	148	42
CSP x L.Rayitiri F4		3.03	1.82	3.13	5.99	6.32	5.30	2.11	3.14	2.32	2.76	3.59	3.59	44	150	41
CSP Early		3.61	1.83	3.03	6.15	5.95	5.65	1.92	2.32	1.66	3.41	3.04	3.51	44	131	42
Local Check		3.81	2.13	2.14	5.50	6.75	4.63	3.14	2.44	0.84	2.46	2.86	3.34	47	154	38
Across 8131 x JFS x LR F4		2.54	1.57	3.18	5.13	5.62	4.73	2.22	2.56	2.60	2.28	3.34	3.25	44	145	44
Pool 27 x Gua 314 BC1 F4		2.42	1.62	2.61	5.21	5.66	4.81	2.36	2.33	1.91	2.44	3.49	3.17	41	136	43
TZEE-Yellow Pool		2.94	1.32	2.39	5.80	5.82	3.79	2.45	2.82	2.17	2.16	3.14	3.16	42	136	42
Pop 30 x Gua 314 BC1 F4		3.13	1.42	2.40	5.85	4.50	4.90	1.07	2.48	1.73	2.66	3.46	3.05	43	144	41
TZEE-W2		2.55	1.19	2.36	5.16	4.85	4.90	1.58	2.35	1.92	2.31	3.41	2.96	42	138	42
TZEE-W1		2.29	1.31	2.22	5.04	4.49	3.85	1.78	2.38	1.57	2.44	3.01	2.76	42	136	43
TZEE-Y		2.63	1.07	2.27	4.62	4.55	3.75	2.22	2.42	2.29	1.68	2.86	2.76	40	134	41
TZEE-White Pool		3.03	1.49	2.47	4.23	3.77	4.15	1.43	2.01	1.46	2.81	2.99	2.71	42	134	42
Location mean		2.98	1.57	2.58	5.54	5.61	4.77	2.01	2.58	1.80	2.59	3.29				
L.S.D. 5 %		0.75	0.48	0.56	1.65	1.44	1.27	0.61	0.56	0.63	0.48	0.70				
Prob. of F.		0.00	0.00	0.00	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.09				
C.V. (%)		17	21	15	21	18	18	21	15	24	13	15				

^a At 15 % moisture content.

^b Location codes : 1 = Bagou, 2 = Guene, 3 = Kamboinse (Simple ridges), 4 = Kamboinse (Tied ridges), 5 = Maroua, 6 = Soucoundou, 7 = Bema, 8 = Katibougou, 9 = Gassi, 10 = Broukou, 11 = Tantiegou.

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