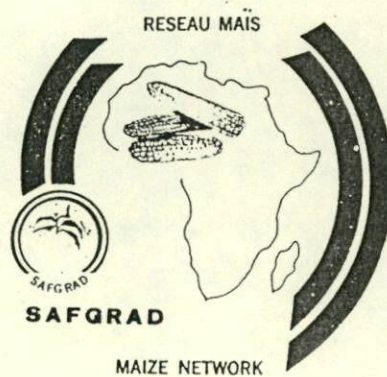


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SAF

ORGANIZATION OF AFRICAN UNITY
Scientific Technical and Research Commission
(O A U / S T R C)

WEST AND CENTRAL AFRICA COLLABORATIVE
MAIZE RESEARCH NETWORK



A COMPILATION OF DATA FROM
1988
REGIONAL UNIFORM VARIETY TRIALS

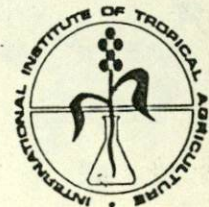
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OUAGADOUGOU, BURKINA FASO

FEBRUARY, 1989

SEMI-ARID FOOD GRAIN RESEARCH AND DEVELOPMENT
INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE

SAFGRAD-IITA O1 B.P. 1783 OR 1495
OUAGADOUGOU O1 - BURKINA FASO



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. 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 Dr. 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, 1989

J.M. Fajemisin
Maize Network Coordinator

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INTRODUCTION

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 1988.

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 Tables (i) - (iii).

2. DISPATCH OF TRIALS AND DATA RECOVERY

Trials were sent to collaborators on request. A total of 82 sets were requested by 15 countries. Further details are shown in Table (iv). As at February 28, data have been received for 35 sets from seven countries.

3. DATA PRESENTATION

The analyzed data are summarized per trial per location in Tables 1.1-1.13, 2.1-2.11 and 3.1-3.11 for RUVT-1, RUVT-2 and RUVT-3, respectively.

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

(1) Grain Yield
(YIELD)

In kilograms per hectare or tons per hectare corrected to 15 % moisture.

(2) Days to silk
(DY. SK.)

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 = good very tight tip, 5 = open tip cover.
- (11) Plants Harvested
(P. HARV)
Total number of plants harvested per plot.
- (12) Ears Harvested
(E. HARV)
Total number of ears harvested per plot.
- (13) Diseases and Pests
Scored on a scale of 1 to 5 ; 1 = very clean and 5 = very heavily infected/infested.

Table (i) : Description of entries in RUVT-1, 1988

ENTRY		PROPOSED BY	PARENTAGE	GRAIN TYPE
Nº	Name			
1	SAFITA-2 (RE)	SAFGRAD	Pool 16 (Tropical Early White White Dent)	White-dent
2	Kawanzie	Ghana	Pop 31 (Amarilo Cristalino-2)	White-dent
3	Pool 16 DR CO	SAFGRAD	Tropical Early White Dent	White-dent
4	Pool 16 DR C2	"	" " " "	White-dent
5	Early 86 Pool 16 DR	"	" " " "	White-dent
6	Across 86 Pool 16 DR	"	" " " "	White-dent
7	Kamboinse 86 Pool 16 DR	"	" " " "	White-dent
8	Farako-Bâ 86 Pool 16 DR HD	"	" " " "	White-dent
9	Across 86 Pool 16	IITA-Ibadan	" " " "	White-dent
10	AB 22	Togo	Not available	White-dent
11	Pool 16 DR C1	SAFGRAD	Tropical Early White Dent	White-dent
12	Kamb(1) 84 TZESR-W	SAFGRAD	TZESR-W	White-flint
13	Local check	Trial collaborator	Various	Various

Table (ii) : Description of entries in RUVT-2, 1988.

ENTRY		PROPOSED BY	PARENTAGE	GRAIN TYPE
Nº	Name			
1	Loumb. 84 TZUT-Y	SAFGRAD	TZUT	Yellow-dent
2	Across 85 TZSR-W-1	IITA-Ibadan	TZSR-W-1	White-semi-dent
3	EV 8443 SR	CIMMYT-IITA	La Posta	White-dent
4	Maracay 7921-SR	CIMMYT-IITA	Tuxpeno	White-dent
5	Aburotia	Ghana	Pop 49 Blanco Dentado-2	White-dent
6	EV 8422 SR	Burkina Faso	Medcla Tropical Blanco	White-dent
7	TZPB SR	IITA-Ibadan	TZPB	White-dent
8	EV 8428 SR	CIMMYT-IITA	Amarillo Dentado	Yellow-dent
9	EV 8444 SR	CIMMYT-IITA	AED-Tuxpeno	White-dent
10	Farako-Bâ 85 TZSR-W-1	IITA-Ibadan	TZSR-W-1	White-semi-dent
11	Farako-Bâ 85 TZSR-Y-1	IITA-Ibadan	TZSR-Y-1	Yellow-semi-dent
12	Local check	Trial collaborator	Various	Various

Table (iii): Description of entries in RUVT-3, 1988.

ENTRY		PROPOSED BY	PARENTAGE	GRAIN TYPE
Nº	Name			
1	Pop 30 x Gua 314 BC1 F2	IITA-SAFGRAD	Blanco Cristalino-2 x Colombian Var.	Yellow-flint
2	CSP x Local Raytiri F2	" "	Compuesto Selection Precoz x Local Variety (Burkina)	Yellow-flint
3	TZEE-Y	" "	Local & introduced vars.	Yellow-flint
4	Pop CSP Early	" "	Compuesto Select. Precoz	Yellow-flint
5	TZEE-W-1 F2	" "	Local & introduced vars.	White-dent
6	TZEE-W-1 F2	" "	Local & introduced vars.	White-dent
7	Pool 27 x Gua 314 BC1 F2	" "	Temp. Early White Flint x Colombian var.	White-flint
8	TZEF-Y F2	" "	Local & introduced vars.	White-flint
9	Across 8131 x JFS x L. Raytiri F4	" "	Amarillo Cristalino-2 x Local Vars. (Burkina)	Yellow-flint
10	Pool 28 x Gua 314 BC1 F2	" "	Temperate Early White Dent x Colombian var.	
11	TZESR-W x Gua 314 BC1 F2	" "	TZESR-W x Colombian var.	White-flint
12	Local check	Trial collaborator	Various	Various

Table (iv) : Number of sets of Regional Uniform Variety Trials (RUVT) requested per country, 1988.

Country	Number of Trials Requested			Total
	RUVT-1	RUVT-2	RUVT-3	
Benin	4	2	4	10
Burkina Faso	3	2	3	8
Cameroon	3	2	2	7
Cape Verde	-	-	2	2
Central African Republic	2	1	1	4
Côte D'Ivoire	2	1	3	6
Gambia	2	-	2	4
Ghana	1	1	-	22
Guinea-Bissau	2	2	3	7
Guinea-Conakry	-	4	-	4
Niger	1	1	1	3
Nigeria	1	2	1	4
Senegal	3	3	3	9
Tchad	1	1	1	3
Togo	3	3	3	9
T O T A L	28	25	29	82

RUVT - 1 TRIAL '88

COOPERATOR : R.A. Dossou

LOCATION : ANGRADEBOU-BENIN (LOC.2)

No OF REPS = 4 No OF ENTRIES = 13

Table 1.1

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RI	SL	P.HARV	E.HARV	N.E.ROT
10	6012.20	55.22	103.00	190.25	92.50	75.00	1.50	97.75	104.75	5.25
3	5328.27	49.00	106.50	187.50	81.25	50.25	1.50	98.50	103.75	3.75
4	5208.09	49.75	107.00	191.00	87.50	50.00	1.50	98.25	106.75	3.75
11	5171.05	49.00	107.00	183.50	84.50	50.00	1.50	98.00	106.25	3.75
2	5167.96	46.50	105.25	177.50	83.75	50.00	1.50	97.50	104.75	3.75
9	4945.37	46.25	106.00	170.50	73.75	50.00	1.50	97.00	102.50	3.75
12	4824.71	48.75	105.00	160.50	82.50	50.00	1.50	99.00	102.50	3.75
8	4805.99	49.50	107.75	164.50	82.75	50.00	1.50	98.50	102.75	3.75
7	4766.19	49.50	107.25	161.50	82.75	50.00	1.50	98.50	102.75	3.75
13	4612.47	51.05	108.50	167.75	82.75	50.00	1.50	94.50	103.75	3.75
5	4600.47	48.75	110.25	161.25	86.25	50.00	1.50	100.50	103.75	3.75
OVERALL MEAN	5073.316	49.343	105.509	177.922	87.115	75.370	1.504	99.308	105.525	4.654
STANDARD ERROR	227.3817	0.445	1.735	5.813	3.309	2.434	0.039	2.667	3.738	1.617
LSD 5%	654.3817	1.280	4.990	16.700	15.253	6.964	0.365	7.677	10.761	4.446
PROB. OF F VARIATION	877.1086	1.000	6.448	22.356	20.419	9.230	0.997	10.289	14.423	6.220
COEF. OF F VARIATION	0.9014	1.803	3.289	6.533	12.189	7.786	0.579	5.370	7.008	69.500

ENTRY	MOIST	DIS.R	DIS.H	DIS.C	DIS.S	EPISD	E.ASP	%RL	%SL	%E.ROT
10	19.15	1.00	1.00	1.00	2.25	19.50	2.00	16.89	1.54	5.33
3	15.58	1.00	1.00	1.50	2.05	16.75	2.05	16.90	1.84	5.56
4	15.13	1.00	1.00	1.75	2.05	15.75	2.05	16.82	1.43	5.48
11	16.67	1.25	1.00	2.00	2.00	15.75	2.00	18.72	1.89	5.99
2	14.80	1.50	1.00	2.50	2.00	13.75	2.00	19.11	1.89	5.22
9	13.05	1.00	1.25	2.50	2.05	14.75	2.05	18.07	1.53	5.33
12	13.90	1.00	1.00	2.50	2.05	14.50	2.05	14.27	1.44	5.22
8	14.68	1.50	1.00	2.50	2.05	14.50	2.05	16.27	1.44	5.22
7	14.21	1.25	1.00	2.50	2.05	14.50	2.05	14.18	1.44	5.22
13	12.73	1.25	1.00	2.00	2.05	12.50	2.05	17.73	1.18	5.87
5	11.80	1.00	1.00	2.00	2.05	12.50	2.05	12.73	1.18	5.87
OVERALL MEAN	15.468	1.308	1.099	2.378	2.070	15.514	2.385	16.431	1.920	4.731
STANDARD ERROR	0.704	0.291	0.399	0.882	0.332	0.514	0.434	0.772	0.932	0.528
LSD 5%	2.027	0.835	1.117	3.448	1.277	1.396	1.247	2.472	2.906	1.452
PROB. OF F VARIATION	2.000	1.287	0.382	5.511	1.361	1.516	0.645	1.803	2.970	1.452
COEF. OF F VARIATION	0.9105	4.432	0.562	19.146	48.958	42.352	0.395	10.650	70.693	68.997

RUVT - 1 TRIAL '88

COOPERATOR : HEMA-IDRISSA

LOCATION : FADA-BURKINA FASO (LOC.7)

No OF REPS = 4

No OF ENTRIES = 13

Table 1.3

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
4	5029.81	51.25	105.50	144.85	63.25	50	33.50	83.50	88.00	1.00
10	4919.38	53.75	91.50	154.55	67.85	0	33.50	83.00	78.00	0.00
11	4846.37	51.00	101.50	154.22	67.15	0	33.50	87.00	78.50	0.00
2	4472.57	50.75	94.50	137.25	56.15	0	33.50	84.00	87.50	1.00
7	4455.64	53.25	99.50	144.40	56.75	0	32.00	98.50	89.00	1.00
9	4454.36	53.00	102.50	144.00	58.40	0	32.00	90.50	87.50	1.00
5	4201.77	51.00	101.50	135.00	61.90	0	32.00	97.50	87.50	1.00
3	3933.02	52.25	93.50	138.50	59.70	0	32.00	92.50	85.00	1.00
1	3841.38	52.00	81.50	147.00	59.45	0	32.00	81.50	89.00	1.00
8	3797.91	52.25	96.50	140.00	58.35	0	32.00	81.50	81.50	1.00
13	3737.91	52.25	90.50	143.70	63.60	0	32.00	87.50	87.20	1.00
13	3555.12	53.50	106.00	143.70	67.60	0	34.75	101.00	84.00	0.75
OVERALL MEAN	4245.761	52.308	96.615	142.615	62.812	4.731	33.85	92.308	85.385	1.192
STANDARD ERROR	472.967	0.907	5.430	6.771	4.286	2.548	3.222	6.340	3.348	0.862
LSD 5%	1358.775	2.605	15.599	19.771	12.447	7.320	14.373	19.650	6.237	2.477
LSD 1%	1818.997	3.488	20.883	26.466	16.221	9.843	19.553	26.303	8.415	3.316
PROB. OF F VARIATION	0.2281	0.3467	0.1417	0.8246	0.2821	0.6843	0.2429	0.5412	0.1606	0.001
COEF. OF F VARIATION	22.281	3.467	1.1240	9.651	13.617	107.731	89.932	14.820	15.226	144.647

ENTRY	MOIST	DWT	OTHERS	%RL	%SL	%E.ROT
4	16.45	49	385	7.51	58	0.94
10	20.25	8.36	228	1.17	35	0.00
11	15.75	8.16	288	10.29	53	0.00
2	16.60	7.55	250	9.47	42	0.19
7	17.23	7.85	255	6.22	20	1.25
9	17.38	7.02	250	2.96	17	0.54
5	17.38	7.02	250	3.53	14	0.79
3	17.45	6.56	258	5.27	46	0.00
1	17.08	6.44	253	2.77	22	0.00
8	17.02	6.64	255	2.55	45	0.33
13	16.43	6.56	278	3.53	49	0.06
13	14.43	6.56	278	3.53	43	0.00
OVERALL MEAN	16.692	7.231	259	5.273	52	1.408
STANDARD ERROR	1.264	0.837	0.277	3.141	1.669	0.031
LSD 5%	3.630	2.217	0.795	9.024	4.794	0.033
LSD 1%	4.860	3.217	1.064	12.081	6.418	0.060
PROB. OF F VARIATION	0.2749	0.5540	0.17536	10.7360	0.3927	0.000
COEF. OF F VARIATION	15.140	23.139	21.878	119.139	91.401	146.435

RUVT-1 TRIAL '88

COOPERATOR : SANOU-JACOB

Table 1.4

LOCATION : FARAKOBA - BURKINA FASO (LOC.8)

No OF REPS = 4

No OF ENTRIES = 13

ENTRY	YIELD	DY.FL	DY.SK	FL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	
9	9 Acr.86 Pool16	5779.25	49.00	50.50	76.75	153.75	62.50	25.75	0.25	71.00	70.75
3	3 PL-16 DR CC	5514.52	51.75	53.25	68.75	170.00	76.25	19.50	0.00	60.00	66.75
6	6 Acr.86P-16DR	5454.64	51.50	52.75	80.50	170.00	67.50	8.50	1.00	73.75	75.75
1	1 Safita-2 RE	5182.04	54.00	55.00	76.50	186.25	85.00	19.00	1.00	72.00	74.75
8	8 FA 86 PL-16HD	5080.28	52.25	53.25	73.00	172.50	76.25	15.00	0.50	71.25	73.00
12	12KB(1)84TZESRW	4939.16	52.50	54.00	78.75	163.75	61.25	7.75	0.50	74.00	72.00
5	5 Early86PL-16	4794.99	50.75	52.00	77.75	172.50	71.25	11.75	0.00	71.75	76.00
4	4 PL-16 DR C2	4759.86	54.25	54.00	71.75	166.25	70.00	13.25	0.00	67.00	72.50
11	11 Pool16 DR C1	4732.60	53.25	54.50	81.50	166.25	63.75	3.00	0.75	77.00	75.75
7	7 Kamb.86PL-16DR	4624.41	54.25	55.50	72.50	163.75	68.75	4.75	0.25	71.00	70.25
13	13 CK Temoin LO	4105.11	58.25	60.25	78.75	200.00	101.25	4.00	2.00	73.25	74.50
2	2 Kawanzie	4005.33	53.75	55.00	73.50	153.75	55.00	11.25	0.50	62.75	69.25
10	10 AB 22	3785.37	57.75	59.00	69.75	176.25	73.75	9.50	0.00	64.00	68.25
OVERALL MEAN		4825.197	53.327	54.538	75.365	170.335	71.731	11.769	0.519	69.904	72.269
STANDARD ERROR		426.855	0.655	0.558	3.881	5.671	4.819	5.276	0.417	4.423	4.535
LSD 5%		1226.301	1.882	1.602	11.149	16.292	13.845	15.158	1.198	12.708	13.028
LSD 1%		1641.654	2.519	2.144	14.926	21.810	18.534	20.292	1.604	17.012	17.440
PROB. OF F		0.0611	0.0000	0.0000	0.3788	0.0001	0.0000	0.1316	0.0706	0.2789	0.9281
COEF. OF VARIATION		17.693	2.456	2.045	10.299	6.656	13.437	89.659	160.617	12.656	12.549

ENTRY	N.E.ROT	ROST.P.	HECMT	N.STREAK	N.P.HUSK	E.ASP.	SHELL	%RL	%SL	%E.ROT	
9	9 Acr.86 Pool16	10.50	1.00	2.75	0.00	5.00	3.00	89.00	38.32	0.38	14.72
3	3 PL-16 DR CO	5.75	1.00	1.75	0.25	9.75	2.50	92.50	34.47	0.00	9.11
6	6 Acr.86P-16DR	4.25	1.00	2.25	0.25	16.50	2.25	92.50	13.30	1.40	5.55
1	1 Safita-2 RE	6.00	1.00	2.50	0.25	16.50	2.75	92.50	26.15	1.32	8.15
8	8 FA 86 PL-16HD	7.25	1.00	2.25	0.00	21.00	3.00	92.50	22.50	0.67	9.71
12	12KB(1)84TZESRW	9.00	1.00	2.25	0.00	3.25	3.00	91.50	10.40	0.65	13.12
5	5 Early86PL-16	5.25	1.00	2.25	0.00	12.00	2.50	91.75	16.82	0.00	7.12
4	4 PL-16 DR C2	6.00	1.00	2.50	0.00	15.25	2.50	92.00	20.92	0.00	8.29
11	11 Pool16 DR C1	10.75	1.00	2.50	0.50	12.00	3.00	93.25	3.92	0.98	14.22
7	7 Kamb.86PL-16DR	6.25	1.50	2.50	0.00	15.00	3.25	93.50	6.95	0.31	9.12
13	13 CK Temoin LO	7.00	1.00	2.50	1.25	10.00	2.00	96.50	5.56	2.85	9.42
2	2 Kawanzie	9.50	1.00	3.00	0.00	10.00	2.75	93.50	17.17	0.82	14.00
10	10 AB 22	5.00	1.00	2.00	0.00	14.25	2.25	97.00	15.67	0.00	7.76
OVERALL MEAN		7.115	1.038	2.385	0.192	12.731	2.673	92.923	17.858	0.723	10.021
STANDARD ERROR		1.962	0.139	0.294	0.203	1.958	0.311	0.739	8.034	0.582	2.906
LSD 5%		5.637	0.398	0.844	0.583	5.624	0.893	2.124	23.081	1.673	8.348
LSD 1%		7.546	0.533	1.130	0.780	7.529	1.196	2.844	30.899	2.239	11.175
PROB. OF F		0.3236	0.4685	0.3461	0.0045	0.0002	0.1925	0.0000	0.1004	0.0643	0.4211
COEF. OF VARIATION		55.153	26.708	24.635	210.924	30.754	23.265	1.591	89.980	161.120	57.991

RUVI - 1 TRIAL '88
 COOPERATOR : HEMA IDRISSA

Table 1.5

LOCATION : KAMBOINSE (BURKINA-FASO LOC.1)
 No OF REPS = 4 No OF ENTRIES = 13

ENTRY	YIELD	DY:FL	DY:SK	PL:ST	PL:HT	E:HT	RL	SL	P:HARV	E:HARV
5	5264.40	45.25	48.75	110.50	190.75	97.25	6.25	19.25	110.50	106.25
6	5075.23	45.50	48.50	110.25	187.50	92.50	10.50	51.25	110.25	107.50
8	5009.91	46.50	49.75	111.75	187.50	102.75	6.75	20.00	111.75	105.50
9	4851.91	46.00	49.50	112.00	186.00	96.00	6.00	48.50	112.00	108.75
13	4629.56	46.50	49.50	110.50	185.25	80.75	5.25	45.25	110.50	102.50
4	4610.78	46.00	49.25	109.25	185.75	80.25	5.25	45.25	109.25	102.50
7	4606.65	47.25	49.25	111.25	188.00	98.00	8.00	40.75	111.25	107.00
2	4385.81	44.75	48.75	111.50	179.00	82.75	5.75	40.75	111.50	102.50
11	4243.03	44.50	48.75	111.25	172.00	95.00	11.00	37.75	111.25	102.50
12	3935.95	47.25	48.75	111.25	174.75	95.00	11.00	37.75	111.25	102.50
1	3789.48	48.25	50.75	111.25	188.75	100.25	11.75	44.75	111.25	100.25
10	3119.83	51.25	53.75	110.50	192.50	100.25	11.75	50.75	109.50	94.25
OVERALL MEAN	4710.779	45.968	49.096	111.097	184.038	93.588	7.327	26.9	110.773	101.742
STANDARD ERROR	500.777	0.533	0.506	0.747	4.833	5.887	3.813	7.744	1.074	4.337
LSD 1%	1438.956	1.547	1.452	2.146	13.894	16.913	10.955	14.611	3.085	12.468
LSD 5%	995.950	1.070	1.000	1.423	9.600	12.641	7.666	10.864	2.132	8.689
PROB. OF VARIATION	22.708	0.234	0.206	0.423	5.256	12.580	10.409	64.904	0.317	16.593

ENTRY	N.E:ROT	ANT	50%	P:ASP	N:P:HUSK	E:ASP	%RL	%SL	%E:ROT	PO:ST
5	0.00	47.50	47.50	2.13	4.75	2.25	5.53	1.37	0.00	11.76
6	0.00	47.00	47.00	2.38	4.00	2.13	5.33	1.47	0.00	11.58
8	0.00	48.00	48.00	2.25	4.25	2.13	5.25	1.43	0.00	11.50
9	0.00	48.00	48.00	2.15	4.50	2.13	5.30	1.43	0.00	11.53
13	0.00	47.25	47.25	2.88	3.25	2.13	4.86	2.60	0.00	11.11
4	0.50	47.25	47.25	2.88	3.25	2.13	4.86	2.60	0.00	11.11
7	0.50	48.25	48.25	2.93	3.50	2.13	4.75	2.60	0.00	11.45
2	0.50	46.75	46.75	2.50	3.75	2.13	4.45	2.60	0.00	11.45
11	0.50	46.75	46.75	2.50	3.75	2.13	4.45	2.60	0.00	11.45
12	0.00	48.75	48.75	2.50	3.50	2.13	4.34	2.60	0.00	11.42
1	0.00	49.75	49.75	2.25	3.25	2.13	4.34	2.60	0.00	11.42
10	0.25	52.50	52.50	2.75	3.50	2.13	4.76	4.00	0.25	11.39
OVERALL MEAN	0.173	47.519	47.519	2.433	3.777	2.194	5.317	3.526	0.164	13.602
STANDARD ERROR	0.168	0.554	0.554	0.734	2.866	2.397	6.417	4.449	0.160	4.474
LSD 1%	0.483	1.531	1.531	2.130	3.330	2.687	9.811	11.891	0.460	12.234
LSD 5%	0.647	2.130	2.130	2.978	4.784	3.920	13.142	17.031	0.616	15.668
PROB. OF VARIATION	194.436	2.332	2.060	4.754	7.284	5.672	19.551	64.405	0.607	21.030

RUVT - 1 TRIAL '88

COOPERATOR : HEMA IDRISIA

LOCATION : SARIA (BURKINA-FASO)

No OF REPS = 4

No OF ENTRIES = 13

Table 1.6

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT	MOIST
8 FA 86 PL-16HD	4833	40	165	75	5	4	107	96	0	20
3 PL-16 DR CC2	3989	00	165	00	8	00	111	75	0	27
4 PL-16 DR CC2	3877	00	174	50	0	75	109	50	0	20
5 Early 86 PL-16DR	3861	00	165	75	6	25	109	25	0	18
6 Acrr. 86 PL-16DR	3197	00	153	00	7	50	106	25	0	20
7 Kamb. 86 PL-16DR	3199	75	157	20	5	00	101	25	0	20
2 13 Kawanzie	2788	00	155	50	8	00	110	50	1	18
11 13 CK Temoin LO	2770	00	154	25	4	00	109	25	0	15
11 13 Pooftita-2 RE CI	2603	25	164	50	5	50	110	25	0	16
19 19 Acrr. 86 RE 16	2385	50	157	25	5	75	109	25	0	17
10 12 Kamb. 86 POESRW	1999	50	147	25	5	50	109	25	0	16
10 10 AB 22	1784	50	165	75	3	00	111	75	0	21
OVERALL MEAN	3094	876	161	769	6	73	108	788	0	19
STANDARD ERROR	747	238	17	959	2	465	2	305	0	1189
LSD 5%	2146	808	21	119	9	207	6	881	0	7
PROB. OF F VARIATION	28	0	0	1984	8	632	8	865	0	4
COEF. OF F VARIATION	48	288	0	16	0	24	0	989	0	174
			9	377	67	678	4	237	289	0

ENTRY	E.ASP	%RL	%SL	%E.ROT
8 FA 86 PL-16HD	175	14	18	0
3 PL-16 DR CC2	12	10	33	0
4 PL-16 DR CC2	22	22	44	0
5 Early 86 PL-16DR	22	24	33	0
6 Acrr. 86 PL-16DR	22	24	29	0
7 Kamb. 86 PL-16DR	22	24	11	0
2 13 Kawanzie	22	24	13	0
11 13 CK Temoin LO	22	24	37	0
11 13 Pooftita-2 RE CI	22	24	60	0
19 19 Acrr. 86 RE 16	22	24	42	0
10 12 Kamb. 86 POESRW	22	24	19	0
10 10 AB 22	22	24	11	0
OVERALL MEAN	2740	882	300	0
STANDARD ERROR	0	381	1	0
LSD 5%	0	865	3	0
PROB. OF F VARIATION	0	159	5	0
COEF. OF F VARIATION	0	1214	0	0
	21	985	64	299

RUVT - 1 TRIAL '88

COOPERATOR : DR. THE CHARLES

Table 1.7

LOCATION : GAROUA - CAMEROON (LOC.10)

No OF REPS = 4

No OF ENTRIES = 13

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	E.ROT	MOIST	
6	6Acr.86P-16DR	6323.49	51.75	191.75	66.90	19.00	2.25	47.00	51.00	0.00	31.30
5	5Early86PL-16	5595.00	51.25	160.65	73.75	22.75	1.75	42.25	47.25	0.00	26.85
1	1 Safita-2 RE	5577.17	55.25	189.60	70.50	29.75	2.00	48.50	49.75	0.00	32.05
3	3 PL-16 DR CO	5501.32	52.50	185.80	68.65	24.00	2.50	42.25	42.00	0.25	26.15
8	8 FA 86 PL-16HD	5494.26	52.75	182.75	85.40	22.50	2.25	42.75	45.75	0.00	28.20
11	11Pool16 DR C1	5467.57	53.00	180.70	65.50	22.50	0.25	41.75	46.00	0.00	29.40
12	12KB(1)84TZESRW	5410.66	51.00	157.70	48.40	21.25	0.50	47.25	50.25	0.00	28.05
9	9 Acr.86 Pool16	5369.01	49.50	169.85	72.70	19.50	3.25	39.25	42.75	0.25	27.55
4	4 PL-16 DR C2	5305.49	54.25	181.05	85.25	13.75	0.75	43.75	45.50	0.50	29.40
7	7Kamb.86PL-16DR	5267.61	54.00	185.10	86.10	22.25	0.25	42.00	47.00	0.75	27.60
10	10 AB 22	5236.98	58.25	160.85	70.30	22.25	1.00	41.25	44.50	0.50	31.50
13	13 CK Temoin LC	4981.08	59.50	227.05	117.15	36.75	1.50	43.00	44.00	0.75	36.25
2	2 Kawanzie	4086.04	54.25	177.85	69.55	19.75	1.50	37.75	40.00	0.50	25.85
OVERALL MEAN		5355.052	53.635	180.823	75.396	22.769	1.519	42.981	45.827	0.269	29.242
STANDARD ERROR		311.331	0.541	12.830	14.584	3.821	0.737	1.939	2.348	0.239	0.721
LSD 5%		894.416	1.555	36.859	41.899	10.977	2.116	5.571	6.745	0.687	2.072
LSD 1%		1197.358	2.082	49.343	56.090	14.695	2.833	7.458	9.030	0.919	2.774
PROB. OF F		0.0179	0.0000	0.0608	0.3126	0.0450	0.1348	0.0164	0.0619	0.1544	0.0000
COEF. OF VARIATION		11.628	2.018	14.191	38.687	33.563	96.960	9.024	10.247	177.601	4.932

ENTRY	STRI.RAN	%RL	%SL
6	6Acr.86P-16DR	0.75	40.31
5	5Early86PL-16	0.75	54.34
1	1 Safita-2 RE	0.75	61.38
3	3 PL-16 DR CO	0.75	56.95
8	8 FA 86 PL-16HD	1.00	53.29
11	11Pool16 DR C1	1.00	53.57
12	12KB(1)84TZESRW	2.25	44.12
9	9 Acr.86 Pool16	0.75	55.72
4	4 PL-16 DR C2	0.75	31.25
7	7Kamb.86PL-16DR	2.25	51.80
10	10 AB 22	1.50	53.93
13	13 CK Temoin LC	2.25	84.88
2	2 Kawanzie	1.00	51.82
OVERALL MEAN		1.212	53.336
STANDARD ERROR		0.659	9.087
LSD 5%		1.892	26.105
LSD 1%		2.533	34.947
PROB. OF F		0.5476	0.0776
COEF. OF VARIATION		108.722	34.074

RUVT-1 TRIAL 1988

COOPERATOR : DR. THE CHARLES

Table 1.8

LOCATION : SANGUERE-CAMEROON (LOC.9)

No OF REPS = 4

No OF ENTRIES = 13

ENTRY	YIELD	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT	MOIST	
3	3 PL-16 DR C0	5513.28	42.00	162.50	61.25	3.50	6.50	36.25	42.75	1.00	26.13
10	10 AB 22	5447.56	45.25	173.75	70.00	2.50	6.25	33.50	43.00	2.50	31.20
7	7 Kamb.86 PL-16 DR	5340.18	43.50	162.50	68.75	2.75	7.00	33.00	45.00	2.75	26.35
6	6 Acr.86 P-16 DR	5327.16	42.25	162.50	57.50	2.00	4.50	38.50	43.50	3.00	26.50
11	11 Pool16 DR C1	5059.15	42.00	161.25	71.25	3.75	8.00	33.50	41.25	3.75	27.10
9	9 Acr.86 Pool16	4985.56	47.00	155.00	55.00	1.00	3.75	28.25	45.25	2.25	25.02
5	5 Early86 PL-16	4976.68	44.00	173.75	65.00	1.00	4.50	38.75	41.75	1.75	27.25
4	4 PL-16 DR C2	4904.18	43.25	171.25	66.25	3.50	7.50	34.75	41.50	4.25	27.17
8	8 FA 86 PL-16 HD	4859.94	44.25	175.00	62.50	4.00	6.50	35.75	42.25	3.25	27.38
1	1 Safita-2 RE	4761.69	45.00	167.50	76.25	1.50	6.50	35.25	44.25	2.75	28.52
12	12 KB(1)84 TZESRW	4677.13	43.50	161.25	62.50	2.50	7.25	34.00	42.75	4.50	24.00
13	13 CK-CMS 8602	4601.43	43.50	163.75	53.75	1.00	5.50	36.50	41.50	3.00	25.08
2	2 Kawanzie	3855.13	44.50	171.25	63.75	5.00	6.25	33.50	42.25	2.25	25.33
OVERALL MEAN		4946.851	43.846	166.250	64.135	2.615	6.154	34.731	42.846	2.846	26.694
STANDARD ERROR		278.187	2.119	6.227	4.509	1.292	1.744	2.859	1.960	0.809	0.748
LSD 5%		799.198	6.088	17.889	12.954	3.710	5.010	8.214	5.632	2.323	2.147
LSD 1%		1069.890	8.150	23.949	17.342	4.967	6.707	10.996	7.540	3.110	2.875
PROB. OF F		0.0171	0.9334	0.4679	0.0448	0.4711	0.8836	0.5658	0.9282	0.1991	0.0000
COEF. OF VARIATION		11.247	9.666	7.491	14.062	98.763	56.681	16.464	9.151	56.821	5.600

ENTRY	%RL	%SL	%E.ROT
3	9.82	19.42	2.40
10	7.11	20.05	6.09
7	8.67	22.88	5.92
6	5.88	14.12	6.97
11	10.40	24.79	9.08
9	3.69	13.73	4.73
5	2.50	11.65	3.86
4	10.24	22.62	10.15
8	12.96	19.94	7.41
1	4.16	19.96	6.27
12	8.03	21.99	10.23
13	2.74	14.64	7.23
2	13.57	18.19	5.41
OVERALL MEAN		7.675	18.766
STANDARD ERROR		3.627	5.907
LSD 5%		10.420	16.971
LSD 1%		13.950	22.720
PROB. OF F		0.4310	0.9170
COEF. OF VARIATION		94.517	62.958

RUVT - 1 TRIAL '88
 COOPERATOR : Central African Republic

Table 1.9
 EXPERIMENT No D8801SGM

LOCATION : SPA - GRIMARI (LOC.13)
 No OF REPS = 4

No OF ENTRIES = 13
 SOWING DATE : 1988

ENTRY	PEARL	FIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	FOIST	INST
10	10 AB 22	4052.7	65.0	139.0	57.0	2.50	1.00	11.0	91.0	17.4	1.25
1	1 Safita 22	4017.9	64.75	135.0	57.0	2.50	1.00	11.0	91.0	16.08	1.00
7	7 Kamb 16	3419.5	61.0	117.0	48.0	2.25	1.00	10.5	76.0	11.7	1.00
3	3 PL-16 DR-16	3228.9	60.0	114.0	48.0	2.25	1.00	10.3	76.0	11.4	1.00
5	5 EARLY 86 PL-16	3224.4	60.0	112.0	48.0	2.25	1.00	10.5	76.0	11.4	1.00
1	1 FA 86 PL-16 HD	3124.0	58.0	112.0	48.0	2.25	1.00	10.4	76.0	11.5	1.00
2	2 Kawanzie 16 DR	2844.0	57.0	112.0	48.0	2.25	1.00	10.4	76.0	11.4	1.00
8	8 ACRT(1) 84 TZR	2722.9	57.0	112.0	48.0	2.25	1.00	10.4	76.0	11.5	1.00
12	12 ACRT(1) 84 TZR	2635.2	57.0	112.0	48.0	2.25	1.00	10.4	76.0	11.6	1.00
13	13 ACRT(1) 84 TZR	2635.2	57.0	112.0	48.0	2.25	1.00	10.4	76.0	11.6	1.00
4	4 PL-16 DR	2205.0	51.0	102.0	48.0	2.25	1.00	10.3	76.0	11.4	1.00
OVERALL MEAN		3116.2	62.5	117.7	54.7	2.61	1.15	10.6	81.7	16.2	1.24
STANDARD ERROR		467.2	0.82	10.9	1.9	1.16	0.49	1.6	27.7	0.27	0.29
LSD 5%		1346.4	2.38	29.0	5.7	3.33	1.40	4.7	83.0	0.79	0.84
LSD 1%		1805.9	3.18	40.0	7.7	4.61	1.88	6.6	114.0	1.05	1.13
PROB. OF F VARIATION		29.985	0.000	16.011	2.185	0.88	0.44	1.152	0.182	0.11	0.11
COEF. OF VARIATION			2.650			1.707	0.84	0.936	0.182	0.11	0.11

ENTRY	PEARL	SL	FOIST	INST
10	10 AB 22	1.00	11.0	1.25
1	1 Safita 22	1.00	11.0	1.00
7	7 Kamb 16	1.00	10.5	1.00
3	3 PL-16 DR-16	1.00	10.3	1.00
5	5 EARLY 86 PL-16	1.00	10.5	1.00
1	1 FA 86 PL-16 HD	1.00	10.4	1.00
2	2 Kawanzie 16 DR	1.00	10.4	1.00
8	8 ACRT(1) 84 TZR	1.00	10.4	1.00
12	12 ACRT(1) 84 TZR	1.00	10.4	1.00
13	13 ACRT(1) 84 TZR	1.00	10.4	1.00
4	4 PL-16 DR	1.00	10.3	1.00
OVERALL MEAN		1.00	10.4	1.00
STANDARD ERROR		0.49	0.27	0.29
LSD 5%		1.40	0.79	0.84
LSD 1%		1.88	1.05	1.13
PROB. OF F VARIATION		0.000	0.11	0.11
COEF. OF VARIATION		0.84	0.18	0.11

COOPERATOR : DR. BAJU-APRAKU
 LOCATION : NYANKPALA-GHANA

Table 1.10

No OF REPS = 4
 No OF ENTRIES = 13

ENTRY	YIELD	DY.FL	PL.ST	PC.RT	E.RT	RC	SL	P.HARV	E.HARV	N.E.ROT
4 PL-16 DR C2	3288.71	54.00	110.75	127.75	60.25	20.75	13.25	110.75	107.75	2.75
3 PFA 86 PL-16 HD	3093.30	54.25	110.50	126.25	63.00	18.00	12.00	106.50	104.50	2.00
6 ACrly86 PL-16 DR	2931.34	54.00	110.75	123.25	61.50	14.50	11.75	107.75	103.75	4.00
5 AKamb. ta-2 RE	2697.20	54.00	110.50	112.25	61.25	14.25	11.25	109.25	101.25	8.00
10 SAFI 22	2321.50	57.75	110.00	128.00	61.00	11.00	11.25	110.25	101.75	8.50
9 AB 86 Pool 16	2189.69	61.00	110.75	110.45	59.25	7.25	11.00	109.25	88.00	1.25
11 Acrool 16 DR C1	2068.19	56.25	111.00	110.45	50.75	6.50	11.00	109.00	94.00	5.00
13 CK 16 Pool 16	1957.10	56.00	110.90	113.09	54.75	5.50	11.00	109.00	92.00	7.00
12 KB(1)84 TZR SRW	1747.18	56.25	111.50	110.97	53.00	8.50	11.50	110.75	92.75	8.00
2 Kwanzie	1424.77	57.25	110.50	110.75	53.00	5.50	11.00	109.50	84.75	4.75
OVERALL MEAN	2393.827	55.846	109.722	118.712	58.404	13.404	12.692	109.722	97.722	3.827
STANDARD ERROR	434.938	0.957	1.234	1.232	3.949	1.533	1.177	1.230	6.325	1.196
LSD 5%	1246.281	2.750	3.545	15.024	11.387	4.879	3.532	3.532	18.127	3.435
PROB. 1%	1669.129	3.682	4.746	20.024	15.293	6.507	4.986	4.986	24.328	4.598
COEF. OF VARIATION	36.263	0.000	0.2255	0.8815	0.3527	0.0558	0.4910	0.2247	0.1888	0.7613

ENTRY	MOIST	BLT.M.	RUST.P.	STREAK	CURV	E.ASP	%RL	%SL	%E.ROT
4 PL-16 DR C2	27.00	2.75	1.75	3.75	5.00	2.50	18.82	1.82	2.75
3 PFA 86 PL-16 HD	26.62	2.50	1.75	3.05	5.00	2.50	17.04	1.56	2.75
6 ACrly86 PL-16 DR	26.25	2.25	1.25	3.25	5.00	2.25	13.30	3.51	3.88
5 AKamb. ta-2 RE	25.50	2.70	1.50	3.50	7.50	2.50	12.01	2.72	3.55
10 SAFI 22	27.13	3.20	1.50	3.20	5.00	2.75	19.76	3.08	4.57
9 AB 86 Pool 16	28.38	2.00	1.50	3.00	5.00	2.00	10.30	7.48	3.42
11 Acrool 16 DR C1	26.30	2.00	1.50	3.00	5.00	2.00	5.25	9.16	5.22
13 CK 16 Pool 16	27.63	2.50	1.50	3.00	7.50	2.00	6.50	9.86	3.77
12 KB(1)84 TZR SRW	25.13	2.75	1.75	3.25	5.00	2.75	4.75	8.62	4.33
2 Kwanzie	25.13	2.75	1.75	3.25	5.00	2.75	5.04	9.14	3.57
OVERALL MEAN	26.125	2.651	1.633	3.124	5.662	2.769	12.273	7.070	3.500
STANDARD ERROR	0.642	0.843	1.004	0.383	0.855	0.387	0.311	0.861	1.363
LSD 5%	1.849	1.128	1.344	1.102	0.845	1.190	1.453	1.819	3.916
PROB. 1%	0.009	0.2120	0.9835	0.3964	1.3491	0.8379	0.4488	1.2037	5.243
COEF. OF VARIATION	4.914	22.101	42.747	24.532	30.362	27.981	81.979	49.302	84.703

RUVT - 1 TRIAL '88

COOPERATOR : DR.IDEM

LOCATION : SAMARU-NIGERIA

No OF REPS = 4

No OF ENTRIES = 13

Table 1.11

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	DWT
6	4035.760	57.000	35.225	142.500	71.275	16.25	0.25	22.75	28.225	6.300
10	3420.000	51.700	65.225	150.000	68.500	17.00	0.25	46.75	49.225	5.000
15	3169.200	55.700	57.75	140.000	67.500	15.00	0.50	51.00	54.000	5.600
11	3300.900	58.75	42.75	151.250	67.500	12.75	0.50	46.75	56.205	5.505
14	2964.400	55.000	53.000	147.500	68.25	13.75	0.75	47.25	49.205	4.505
3	2895.600	53.500	55.25	200.000	71.25	15.25	0.00	39.200	50.205	5.587
8	2850.000	53.500	55.25	154.000	71.205	14.205	0.50	43.205	44.500	4.950
13	2750.000	55.000	40.25	154.000	71.205	14.205	0.75	37.25	44.75	4.950
7	2701.800	56.000	60.50	137.500	68.00	13.00	0.75	51.25	53.25	3.85
2	2656.200	61.50	66.00	144.50	68.75	11.00	0.50	54.25	57.75	3.5
9	2371.200	59.212	55.363	151.673	72.404	9.38	0.500	48.212	51.673	4.521
OVERALL MEAN	2992.062	59.212	55.363	151.673	72.404	9.38	0.500	48.212	51.673	4.521
STANDARD ERROR	254.856	0.533	4.282	7.257	6.335	2.735	0.359	3.499	3.609	0.470
LSD 5%	732.170	1.241	12.467	20.912	18.201	7.857	1.032	10.452	10.380	1.349
LSD 1%	980.169	0.000	16.467	27.001	24.366	10.518	1.381	13.657	13.880	1.806
PROB. OF VARIATION	0.0169	0.0000	0.0017	0.001	0.0002	0.0000	0.9527	0.0016	0.0017	0.0173
COEF. OF VARIATION	17.035	1.968	15.467	9.570	17.500	60.515	143.670	14.515	13.968	20.173

ENTRY	%RL	%SL
6	25.225	0.473
10	15.220	1.588
15	18.533	1.022
11	43.416	1.248
14	7.78	1.580
3	3.30	10.38
8	14.56	1.081
13	11.69	1.47
7	25.54	1.43
9	2.02	0.85
OVERALL MEAN	18.528	1.024
STANDARD ERROR	15.246	0.737
LSD 5%	45.072	2.116
LSD 1%	20.177	2.835
PROB. OF VARIATION	0.0000	0.9480
COEF. OF VARIATION	56.509	138.419

Table 1.12

RUVT - 1 TRIAL '88

COOPERATOR : TOKY-RENEAUD

LOCATION : BRUCUCU-TOGO (LOC.11)

No OF REPS = 4

No OF ENTRIES = 13

ENTRY	YIELD	FL:ST	FL:RT	E:HT	FL	%L	P:HARV	E:HARV	N:STREAR	DGWT
11	3459	104.75	124.00	80.00	16.00	2.00	102.75	97.25	17.00	5.81
6	3381	108.50	174.50	81.75	8.00	3.00	107.25	94.75	10.25	5.87
5	3256	110.75	172.25	85.00	10.25	0.25	101.00	94.75	10.25	5.41
7	3274	110.00	164.25	82.75	12.25	1.00	103.75	93.75	11.75	5.51
12	3035	110.75	158.50	87.50	4.50	2.50	104.00	91.75	14.25	5.51
8	3019	110.68	158.50	77.75	9.00	0.50	105.25	88.50	18.00	5.51
4	2985	110.50	156.75	79.25	0.00	0.50	107.75	89.25	48.25	5.02
9	2853	110.75	156.75	69.25	4.75	0.25	104.50	88.50	13.25	5.02
2	2653	110.75	165.50	85.50	13.25	1.00	106.75	88.50	33.00	4.42
10	2626	110.75	165.50	87.50	13.25	0.25	106.75	88.50	33.00	4.42
3	2418	110.64	162.75	70.25	13.25	0.25	102.75	80.75	21.00	4.42
13	1738	110.90	189.75	90.25	13.25	0.25	108.75	60.75	36.00	2.92
OVERALL MEAN	2902	104.287	165.404	81.692	7.15	0.58	103.019	89.000	17.096	4.827
STANDARD ERROR	254	15.680	18.418	5.845	2.14	0.507	1.998	3.217	2.706	0.422
LSD 5%	738	7.603	6.684	1.780	0.68	0.152	0.739	0.416	0.773	0.128
LSD 1%	9	0.000	0.355	0.480	0.00	0.000	0.000	0.000	0.000	0.000
COEF. OF VARIATION	17.524	0.3791	0.7761	0.4310	0.00	0.000	0.000	0.000	0.000	0.000

ENTRY	N:P:HSUR	%R	%SL
11	13.75	15.71	2.20
6	15.50	17.89	0.97
5	14.25	17.13	2.24
7	11.25	10.17	1.00
12	11.50	12.39	1.19
8	11.75	8.80	1.85
4	9.25	0.00	1.57
9	4.00	0.84	0.40
2	17.00	3.80	0.27
10	11.25	16.48	1.00
3	17.75	10.98	0.00
13	17.75	10.33	0.00
OVERALL MEAN	13.846	3.832	1.078
STANDARD ERROR	1.786	2.033	0.509
LSD 5%	5.131	5.840	1.463
LSD 1%	6.869	7.819	1.959
PROB. OF VARIATION	0.0011	0.0000	0.0009
COEF. OF VARIATION	25.797	59.077	97.215

Table 1.13

ENTRY	YIELD	PL:ST	PL:HT	E:HT	RL	SL	P:HARV	E:HARV	N:STREAK	DGWT
7	2609	07	151	57	2	2	82	73	0	7.39
5	2552	55	140	57	0	0	91	89	0	4.29
12	2438	01	145	56	7	5	91	85	0	4.10
9	2393	39	163	60	5	1	91	78	0	4.02
4	2327	75	147	61	2	1	85	75	0	4.91
11	2241	66	142	58	2	1	93	72	0	3.77
6	2241	66	157	62	2	2	93	79	0	3.70
1	2198	80	121	50	0	0	91	80	0	3.64
2	2165	82	120	56	7	2	91	75	0	3.49
3	2079	52	152	60	7	1	84	75	0	3.47
10	2063	16	143	59	7	0	80	69	0	3.41
8	2030	44	157	61	1	2	82	77	0	3.16
13	1880	20	168	64	2	1	81	72	0	3.16
OVERALL MEAN	2247.841		146.556	59.808	1	1	85.981	78.212	0	3.778
STANDARD ERROR	247.481		4.623	2.604	0	0	3.909	3.32	0	0.416
LSD 5%	710.983		13.779	7.480	1	1	11.230	11.945	0	1.195
LSD 1%	951.7074		17.281	9.972	0	0	15.033	15.171	0	1.600
PROB. OF F	0.7074		0.0000	0.6572	0	0	0.2188	0.246	0	0.7074
COEFF. OF VARIATION	22.019		6.307	8.707	106.359	68.250	9.092	10.087	158.287	22.019

ENTRY	%RL	%SL
7	2.79	3.55
5	0.81	0.55
12	1.22	0.71
9	1.59	0.77
4	2.25	1.06
11	2.88	1.31
6	1.53	0.66
1	1.07	0.51
2	1.15	0.52
3	1.15	0.53
10	0.61	0.28
8	0.61	0.28
13	4.77	1.52
OVERALL MEAN	1.51	1.75
STANDARD ERROR	0.183	0.133
LSD 5%	0.630	0.421
LSD 1%	0.849	0.542
PROB. OF F	0.653	0.201
COEFF. OF VARIATION	109.983	71.877

RUVT - 2 TRIAL 1988

COOPERATOR : R.A. Dossou

LOCATION : INA - BENIN (LOC.4)

No OF REPS = 4

No OF ENTRIES = 12

Table 2.1

ENTRY	YIELD	DY.FC	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	E.ROT
6	3107.94	64.50	73.25	195.50	80.50	0.35	2.00	73.25	66.00	1.00
8	3379.12	62.75	81.50	185.00	100.50	0.25	1.50	81.50	70.00	1.00
3	3291.56	63.25	78.50	205.00	89.50	0.25	2.00	78.50	66.00	1.00
10	3286.31	65.50	77.75	213.25	102.25	0.00	1.25	79.25	67.75	1.25
7	3245.11	67.00	77.75	210.00	118.00	0.50	0.75	76.50	64.75	1.25
9	3089.80	60.50	76.25	189.75	70.50	0.75	1.00	75.50	66.25	1.00
5	3052.76	59.75	81.75	155.00	79.50	0.50	0.50	81.75	71.75	1.00
1	3014.50	59.50	80.00	185.00	108.50	0.20	0.50	77.75	65.25	1.00
4	2834.51	67.00	78.50	214.25	108.75	0.50	0.25	76.75	65.25	1.00
2	2818.92	64.00	77.50	197.75	101.25	0.50	0.50	76.75	66.50	1.00
12	2803.56	67.50	77.25	222.25	184.25	1.10	0.25	76.75	66.50	1.00
11	2152.08	66.00	81.00	184.25	84.25	1.10	0.00	80.25	64.25	1.75
OVERALL MEAN	3031.348	63.938	78.604	196.500	92.063	1.333	1.758	77.896	67.083	1.188
STANDARD ERROR	393.491	0.772	1.693	9.261	7.919	1.169	0.828	1.766	1.534	0.178
LSD 5%	134.041	2.225	4.878	35.690	22.823	3.370	2.355	5.091	4.186	0.513
LSD 1%	152.116	2.984	6.042	35.798	30.611	4.520	3.199	6.828	5.162	0.680
PROB. OF F VARIATION	0.6436	0.0000	0.0472	0.0012	0.0332	0.0807	0.2907	0.0774	0.9309	0.0204
COEF. OF VARIATION	25.961	2.415	0.4307	0.9426	17.204	175.405	113.504	0.4535	10.537	29.998

ENTRY	MOIST	DIS.R	DIS.H	DIS.T	DIS.S	E.ASP	EPIS	STREAK	%RL	%SL
6	33.40	1.85	3.50	7.00	1.70	2.75	12.75	5.00	0.79	2.44
8	32.25	1.78	3.60	8.50	1.58	2.75	4.05	5.50	0.37	1.83
3	32.98	1.98	4.20	5.38	1.30	2.75	8.25	4.20	0.37	1.20
10	32.55	1.67	3.45	3.87	1.63	2.75	9.00	4.00	0.37	1.20
7	32.25	1.00	3.58	7.50	1.10	2.75	11.50	2.00	0.37	1.20
9	32.25	1.07	3.58	6.50	1.10	2.75	9.00	2.00	0.37	1.20
5	32.25	1.07	3.58	6.50	1.10	2.75	9.00	2.00	0.37	1.20
1	32.85	1.80	4.00	4.00	1.25	3.50	8.50	16.00	0.99	1.40
4	32.40	1.88	4.75	5.50	1.10	3.00	14.50	3.75	0.60	1.00
12	32.33	1.88	4.15	3.90	1.25	3.00	17.50	6.00	0.60	1.00
11	32.43	1.63	3.27	3.32	1.10	3.50	10.50	3.00	0.92	1.23
OVERALL MEAN	32.444	1.896	3.92	7.73	1.579	2.852	10.833	5.188	1.716	1.850
STANDARD ERROR	0.615	0.123	0.127	0.168	0.149	0.282	2.769	1.332	1.442	1.065
LSD 5%	1.773	0.474	0.488	0.654	0.464	0.814	7.980	3.839	4.156	3.068
LSD 1%	2.377	0.492	0.654	0.654	0.664	1.014	10.703	5.149	5.575	4.323
PROB. OF F VARIATION	0.0000	0.0000	0.0000	0.0000	0.0000	0.0156	0.1111	0.0000	0.0800	0.3231
COEF. OF VARIATION	5.247	12.923	10.643	11.776	21.744	19.783	51.118	51.353	168.082	115.091

RUVI - 2 INTERMEDIATE VARIETIES TRIAL '88
 COOPERATOR : SANDU JACOB

LOCATION : FARAKO-BA (BURKINA-FASO LOC.5)

No OF REPS = 4 No OF ENTRIES = 12

Table 2.2

ENTRY	FA	OMB	EV	ACR	CK	TEM	MOIN	LO	SR	MAK	EV	ABUR	SK	TZSRW	YIELD	DF	PL	ST	PL	HT	E	HT	RL	SL	P	HARV	E	HARV	N	E	ROT
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6565.0	58.50	84.00	0.00	196.00	25.00	96.25	2.50	0.75	83.75	82.00	79.00	6.50	4.25	2.50		
2	2	2	2	2	2	2	2	2	2	2	2	2	2	6516.5	62.25	84.75	0.00	190.00	25.00	96.25	2.50	0.75	83.75	82.00	79.00	6.50	4.25	2.50			
3	3	3	3	3	3	3	3	3	3	3	3	3	3	6116.6	65.25	86.75	0.00	213.00	25.00	106.75	2.50	1.00	85.00	87.50	85.00	11.25	11.25	11.25	11.25		
4	4	4	4	4	4	4	4	4	4	4	4	4	4	6083.5	59.50	84.75	0.00	198.00	25.00	96.25	2.50	0.75	83.75	82.00	79.00	6.50	4.25	2.50	2.50		
5	5	5	5	5	5	5	5	5	5	5	5	5	5	6020.7	61.75	84.75	0.00	196.00	25.00	96.25	2.50	0.75	83.75	82.00	79.00	6.50	4.25	2.50	2.50		
6	6	6	6	6	6	6	6	6	6	6	6	6	6	5859.0	59.75	86.00	0.00	196.00	25.00	96.25	2.50	0.75	83.75	82.00	79.00	6.50	4.25	2.50	2.50		
7	7	7	7	7	7	7	7	7	7	7	7	7	7	5612.2	60.25	84.75	0.00	196.00	25.00	96.25	2.50	0.75	83.75	82.00	79.00	6.50	4.25	2.50	2.50		
8	8	8	8	8	8	8	8	8	8	8	8	8	8	5593.3	61.75	86.00	0.00	196.00	25.00	96.25	2.50	0.75	83.75	82.00	79.00	6.50	4.25	2.50	2.50		

ENTRY	FA	OMB	EV	ACR	CK	TEM	MOIN	LO	SR	MAK	EV	ABUR	SK	TZSRW	YIELD	DF	PL	ST	PL	HT	E	HT	RL	SL	P	HARV	E	HARV	N	E	ROT	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24.692	1.271	2.383	0.00	0.480	2.25	0.75	1.125	0.375	1.125	1.125	1.125	1.125	1.125	1.125	1.125		
2	2	2	2	2	2	2	2	2	2	2	2	2	2	24.692	1.271	2.383	0.00	0.480	2.25	0.75	1.125	0.375	1.125	0.375	1.125	1.125	1.125	1.125	1.125	1.125	1.125	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	24.692	1.271	2.383	0.00	0.480	2.25	0.75	1.125	0.375	1.125	0.375	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.125
4	4	4	4	4	4	4	4	4	4	4	4	4	4	24.692	1.271	2.383	0.00	0.480	2.25	0.75	1.125	0.375	1.125	0.375	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.125
5	5	5	5	5	5	5	5	5	5	5	5	5	5	24.692	1.271	2.383	0.00	0.480	2.25	0.75	1.125	0.375	1.125	0.375	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.125
6	6	6	6	6	6	6	6	6	6	6	6	6	6	24.692	1.271	2.383	0.00	0.480	2.25	0.75	1.125	0.375	1.125	0.375	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.125
7	7	7	7	7	7	7	7	7	7	7	7	7	7	24.692	1.271	2.383	0.00	0.480	2.25	0.75	1.125	0.375	1.125	0.375	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.125
8	8	8	8	8	8	8	8	8	8	8	8	8	8	24.692	1.271	2.383	0.00	0.480	2.25	0.75	1.125	0.375	1.125	0.375	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.125

RUVT - 2 INTERMEDIATE VARIETIES TRIAL '38
 COOPERATOR : SANOU JACOB
 LOCATION : VALLEU DU KOU (LOC.4)

Table 2.3

No OF REPS = 4 No OF ENTRIES = 12

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	P.HARV	E.HARV	DMT
12	4299.52	60.25	41.00	174.00	92.00	40.00	36.75	3.53
2	4131.22	64.50	43.25	188.00	90.25	42.75	32.00	3.38
1	4022.71	58.75	42.50	165.75	63.25	41.00	35.75	3.10
7	3859.43	65.25	43.00	198.50	96.00	41.75	34.25	3.17
3	3775.31	63.00	42.50	178.50	88.50	42.00	34.00	3.10
6	3778.05	63.25	42.50	178.75	88.75	42.00	34.00	3.05
10	3649.55	65.75	43.50	186.75	83.00	43.00	37.25	3.83
11	3640.71	63.00	42.50	189.75	88.00	43.00	37.50	3.80
4	3477.47	58.75	43.50	180.25	79.00	42.50	38.00	2.78
9	3370.57	60.00	43.50	167.25	82.00	42.50	36.00	2.75
5	3176.32	61.50	43.50	140.25	62.50	42.25	34.50	2.45
8	2999.06	61.50	43.00	186.00	85.25	42.75	36.00	2.25
OVERALL MEAN	3655.410	62.188	42.854	178.958	82.813	42.188	35.625	2.925
STANDARD ERROR	391.400	0.932	0.702	7.208	4.191	0.871	2.661	0.366
LSD 5%	1128.013	2.686	2.023	20.774	12.079	2.518	7.668	1.056
LSD 1%	1512.932	3.600	2.713	27.863	16.201	3.367	10.284	1.416
PROB. OF VARIATION	0.4445	0.0000	0.4120	0.0002	0.0000	0.3347	0.8915	0.4861
COEF. OF VARIATION	21.415	2.998	3.275	8.056	10.122	4.130	14.937	25.048

RUV1 - 2 INTERMEDIATE VARIETIES TRIAL '88

COOPERATION : DR. THE CHARLES

LOCATION : GAKOVA - CAMEROON (LOC.6)

NO OF REPS = 4

NO OF ENTRIES = 12

Table 2.4

ENTRY	YIELD	DY.FL	PL.H1	F.H1	RL	P.HARV	E.HARV	N.E.ROT	MOIST
5	5260.94	57.75	187.50	88.75	0.75	42.75	40.75	1.25	33.05
9	5240.35	58.00	198.52	90.77	0.25	39.75	37.50	1.25	33.05
1	5090.58	57.75	202.20	97.60	0.25	39.75	33.00	1.50	34.90
8	4982.29	59.50	214.40	122.40	1.10	33.00	31.50	1.50	31.05
2	4546.34	64.25	191.05	92.75	0.25	42.50	40.50	1.00	31.95
4	4493.47	61.50	196.00	89.65	0.25	39.00	34.50	0.50	31.60
7	4489.68	64.50	134.50	76.50	0.25	40.00	34.50	0.50	33.15
12	4190.49	59.25	130.10	85.40	0.00	40.00	27.00	0.75	33.80
3	4125.13	61.75	226.70	125.15	0.00	40.50	40.00	0.75	33.65
10	3983.13	62.50	226.70	125.15	0.25	40.75	40.00	0.75	33.60
11	3883.73	62.00	216.65	104.25	0.25	41.00	40.00	0.75	32.92
6	3546.30	63.25	166.75	76.65	0.25	42.25	35.00	0.75	32.65
OVERALL MEAN	4485.952	61.000	193.426	97.739	0.739	37.92	34.92	1.021	33.735
STANDARD ERROR	539.023	0.793	15.533	10.760	1.230	1.431	1.2508	0.565	0.5532
LSD 5%	1555.527	2.285	44.835	31.046	4.773	5.544	7.749	1.685	1.057
LSD 1%	2087.3957	3.000	60.1175	41.670	6.40773	7.544	10.005	2.185	1.057
PROB. OF F VARIATION	24.032	0.000	16.066	22.006	64.860	106.093	10.167	110.759	3.155
5	5240.35	58.00	198.52	90.77	0.25	39.75	37.50	1.25	33.05
9	5240.35	58.00	198.52	90.77	0.25	39.75	37.50	1.25	33.05
1	5090.58	57.75	202.20	97.60	0.25	39.75	33.00	1.50	34.90
8	4982.29	59.50	214.40	122.40	1.10	33.00	31.50	1.50	31.05
2	4546.34	64.25	191.05	92.75	0.25	42.50	40.50	1.00	31.95
4	4493.47	61.50	196.00	89.65	0.25	39.00	34.50	0.50	31.60
7	4489.68	64.50	134.50	76.50	0.25	40.00	34.50	0.50	33.15
12	4190.49	59.25	130.10	85.40	0.00	40.00	27.00	0.75	33.80
3	4125.13	61.75	226.70	125.15	0.00	40.50	40.00	0.75	33.65
10	3983.13	62.50	226.70	125.15	0.25	40.75	40.00	0.75	33.60
11	3883.73	62.00	216.65	104.25	0.25	41.00	40.00	0.75	32.92
6	3546.30	63.25	166.75	76.65	0.25	42.25	35.00	0.75	32.65
OVERALL MEAN	4485.952	61.000	193.426	97.739	0.739	37.92	34.92	1.021	33.735
STANDARD ERROR	539.023	0.793	15.533	10.760	1.230	1.431	1.2508	0.565	0.5532
LSD 5%	1555.527	2.285	44.835	31.046	4.773	5.544	7.749	1.685	1.057
LSD 1%	2087.3957	3.000	60.1175	41.670	6.40773	7.544	10.005	2.185	1.057
PROB. OF F VARIATION	24.032	0.000	16.066	22.006	64.860	106.093	10.167	110.759	3.155

ENTRY	STR.RAN	%RL	%SL	%F.ROT
5	2.25	1.90	0.58	4.13
9	2.00	1.50	0.10	4.31
1	3.25	3.32	3.15	4.94
8	4.25	9.01	0.60	5.33
2	4.25	4.65	0.60	5.16
4	2.25	11.94	4.54	6.00
7	2.75	7.46	1.79	7.13
12	4.50	12.66	0.00	11.33
3	4.50	12.81	0.00	11.51
10	4.25	15.30	0.00	12.25
11	3.25	10.28	4.30	12.86
6	3.25	6.62	1.70	12.93
OVERALL MEAN	3.208	3.500	1.997	4.434
STANDARD ERROR	0.661	0.959	0.046	0.212
LSD 5%	2.557	1.439	0.047	0.550
LSD 1%	3.525	2.061	0.167	0.863
PROB. OF F VARIATION	41.232	62.301	104.781	132.591

RUVT-2 TRIAL 1988

COOPERATOR : DR. THE CHARLES

Table 2.5

LOCATION : SANGUERE - CAMEROON (LOC.7)

No OF REPS = 4

No OF ENTRIES = 12

ENTRY	YIELD	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT	MOIS
12 12 CK TEMOIN LO	5352.65	37.50	175.00	71.25	1.00	2.25	36.50	37.00	1.25	33.4
4 4 MARCAY 7921-SR	5247.73	36.75	185.00	67.50	1.00	1.75	36.50	33.25	1.50	30.0
2 2 ACK.85 TZSRW-1	4673.04	38.25	193.75	83.75	2.00	3.00	37.50	32.75	1.50	35.3
5 5 ABURCTIA	4236.10	37.50	138.75	42.50	0.50	3.50	36.75	37.00	2.00	31.3
11 11 FA.85 TZSRY-1	4164.23	38.50	180.00	70.00	1.25	3.00	38.25	32.75	1.50	29.4
6 6 EV 8422 SR	4087.56	33.75	172.50	63.75	0.75	2.50	33.50	30.75	0.75	35.0
7 7 TZPB-SR	4067.55	39.50	172.50	72.50	0.25	3.75	39.50	30.50	1.00	34.0
3 3 EV 8443 SR	3997.33	33.00	192.50	72.50	0.75	1.50	32.75	30.75	1.00	33.8
8 8 EV 8428 SR	3866.44	34.75	175.00	70.00	0.25	3.75	34.00	31.00	0.25	31.3
9 9 EV 8444 SR	3796.60	35.00	180.00	62.50	1.00	7.50	34.25	33.00	4.00	30.4
10 10 FA.85 TZSRW-1	3788.50	31.25	185.00	68.75	2.25	3.75	30.50	31.50	2.25	33.7
1 1 LOMB.84 TZUT-Y	3770.97	34.50	166.25	57.50	0.00	2.25	34.00	29.25	1.75	29.3
OVERALL MEAN	4254.059	35.854	176.354	66.458	0.917	3.208	35.333	32.458	1.563	32.2
STANDARD ERROR	509.206	2.239	9.762	6.255	0.755	1.321	2.295	2.887	0.656	1.1
LSD 5%	1467.530	6.596	28.135	18.027	2.177	3.808	6.615	8.320	1.891	3.2
LSD 1%	1968.304	8.847	37.735	24.178	2.920	5.107	8.873	11.159	2.537	4.3
PROB. OF F	0.3488	0.3181	0.0411	0.0215	0.6364	0.2197	0.2858	0.7178	0.0536	0.00
COEF. OF VARIATION	23.940	12.768	11.071	18.824	164.826	82.361	12.993	17.788	84.005	7.0

ENTRY	%RL	%SL	%E.ROT
12 12 CK TEMOIN LO	2.79	5.99	3.33
4 4 MARCAY 7921-SR	2.60	4.57	4.20
2 2 ACK.85 TZSRW-1	5.21	7.90	4.77
5 5 ABURCTIA	1.22	9.75	5.50
11 11 FA.85 TZSRY-1	3.17	8.26	4.69
6 6 EV 8422 SR	2.24	7.05	2.12
7 7 TZPB-SR	0.61	9.44	3.48
3 3 EV 8443 SR	2.21	4.61	3.24
8 8 EV 8428 SR	0.69	11.80	0.74
9 9 EV 8444 SR	2.86	21.02	12.28
10 10 FA.85 TZSRW-1	7.24	11.31	7.13
1 1 LOMB.84 TZUT-Y	0.00	6.40	6.02
OVERALL MEAN	2.571	9.009	4.791
STANDARD ERROR	2.159	3.660	1.977
LSD 5%	6.222	10.548	5.699
LSD 1%	8.346	14.148	7.643
PROB. OF F	0.5645	0.1843	0.0415
COEF. OF VARIATION	167.987	81.252	82.546

RUVI - 2 INTERMEDIATE VARIETIES TRIAL '88
 COOPERATOR : Central African Republic
 LOCATICN : SPA - GRIMARI (LOC.11)
 No OF REPS = 4
 No OF ENTRIES = 12

Table 2.6

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RI	SL	P.HARV	E.HARV	MOIST	INST
11 FA-85 TZSRV-I	4210.88	71.00	177.25	75.25	1.50	75	80.75	82.75	19.98	1.25
71 TPB-SR	3943.79	71.00	193.50	90.75	1.50	75	84.25	77.25	19.95	1.50
10 FA-85 TZSRW-1	3859.92	71.00	193.25	90.75	2.25	75	84.75	78.50	11.98	1.25
29 EV 84444 SR	3562.70	67.00	166.50	70.50	1.25	75	84.75	78.50	11.95	1.25
8 EV 84422 SR	3540.18	68.00	189.00	84.50	1.25	75	88.50	81.50	11.87	1.25
3 EV 84443 SR	3320.59	68.00	175.00	81.00	1.25	75	89.25	80.50	11.85	1.25
4 HARCA-84 TZUT-SR	3024.12	72.00	168.25	71.00	1.50	75	84.75	80.00	11.83	1.25
1 LCKR-84 TZUT-SR	2921.94	66.00	161.25	69.75	1.50	75	79.50	77.00	11.67	1.25
5 ABUR-OTIA	2880.94	75.00	159.00	70.50	2.00	75	82.25	76.00	11.63	1.25
12 CK TEMOIN LO	2738.00	68.00	169.25	70.50	2.50	75	79.25	69.00	11.81	1.25
OVERALL MEAN	3418.169	69.750	177.970	78.438	1.417	77.9	83.170	75.229	18.878	1.175
STANDARD ERRCR	456.088	0.653	12.065	9.438	0.446	0.435	3.089	5.430	1.099	0.281
LSD 5%	1316.011	1.883	34.772	26.335	1.227	1.255	8.902	15.430	3.441	0.810
LSD 1%	1766.337	2.520	46.156	35.321	1.657	1.687	11.940	20.695	4.213	1.086
PROB. OF F VARIATION	0.39376	0.0000	0.1156	0.2999	0.35174	0.6872	0.0142	0.3076	0.5387	0.0692
COEF. OF F VARIATION	26.6886	1.8873	13.558	23.299	133.574	181.722	7.430	14.223	11.567	40.861
ENTRY	%RL	%SL								
11 FA-85 TZSRV-I	1.72	0.89								
71 TPB-SR	0.60	0.00								
10 FA-85 TZSRW-1	3.18	0.00								
29 EV 84444 SR	1.47	0.00								
8 EV 84422 SR	1.95	0.00								
3 EV 84443 SR	1.61	0.00								
4 HARCA-84 TZUT-SR	1.23	0.00								
1 LCKR-84 TZUT-SR	1.06	0.00								
5 ABUR-OTIA	3.03	0.92								
12 CK TEMOIN LO	0.78	1.01								
OVERALL MEAN	1.705	0.582								
STANDARD ERRCR	1.134	0.501								
LSD 5%	3.269	1.443								
LSD 1%	4.384	1.935								
PROB. OF F VARIATION	0.39955	0.6428								
COEF. OF F VARIATION	133.846	172.072								

RUVI - 2 TRIAL 1988

COOPERATOR : Dr. Badu-Apraku

LOCATION : IYANPALA-GHANA

NO OF REPS = 4

NO OF ENTRIES = 12

Table 2.7

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT
7 7 TZPB-SR	3719.92	64.50	87.25	165.00	76.00	23.00	8.25	87.25	79.25	4.00
2 2 ACR. 85 TZSR-W-1	3519.36	65.25	87.75	155.25	71.75	16.50	13.50	87.75	79.00	0.00
8 8 EV 8428-SR	3090.29	61.75	87.50	148.00	67.00	29.00	2.75	87.25	83.00	2.25
10 10 FA 85 TZSR-W-1	2991.19	65.75	87.25	144.75	62.00	29.00	9.75	87.25	78.50	3.50
4 4 MARCAY 7921-SR	2632.53	64.50	87.75	137.00	58.75	27.25	6.25	87.75	78.50	2.00
6 6 EV 8422-SR	2500.52	65.50	86.75	141.75	63.00	24.75	8.25	86.75	73.00	4.75
11 11 FA 85 TZSR-Y-1	2474.58	62.50	87.50	143.25	66.00	13.50	24.25	87.50	77.25	3.25
9 9 EV 8444-SR	2274.15	60.00	86.00	125.50	63.00	21.75	6.25	86.00	74.75	2.00
1 1 LOMB 84 TZSR-W-1	2173.24	59.25	86.50	136.75	60.25	9.00	13.00	86.50	73.25	4.50
12 12 CK TEMOIN LO	2149.74	59.25	87.75	121.50	59.50	1.00	4.50	87.75	79.25	1.75
3 3 EV 8443-SR	2026.71	64.00	87.50	142.00	63.75	25.00	8.25	87.50	70.25	1.75
5 5 ABUROTIA	1846.82	61.00	85.25	111.00	65.50	14.75	6.50	85.25	71.75	1.25
OVERALL MEAN	2616.557	62.771	87.073	130.729	61.375	19.542	9.292	87.072	76.479	2.583
STANDARD ERROR	318.309	0.681	0.775	5.901	3.484	5.070	2.712	0.786	3.629	1.201
LSD 5%	1119.364	1.962	2.232	17.007	0.942	14.613	7.816	2.066	10.459	3.461
LSD 1%	1501.332	2.632	2.964	22.311	1.269	19.599	10.483	2.839	14.028	4.642
PROB. OF F	0.0208	0.0000	0.4326	0.0000	0.0000	0.0078	0.0005	0.4752	0.3900	0.2167
COEF. OF VARIATION	29.688	2.169	1.779	8.447	1.354	51.893	58.377	1.806	9.491	92.965

ENTRY	MOIST	BLT.M.	RUST.P.	STREAK	CURV	E.ASP	%RL	%SL	%E.ROT	FWT
7 7	27.00	2.00	1.75	3.51	2.75	2.25	26.37	9.44	5.16	9.52
2 2	26.50	2.50	1.00	2.50	2.75	2.25	18.80	15.40	0.00	8.95
8 8	26.00	2.50	1.75	2.50	2.75	2.00	33.23	3.15	2.72	7.82
10 10	26.25	2.00	1.50	2.25	2.25	2.50	33.25	11.12	4.35	7.60
4 4	26.63	2.50	1.25	2.51	1.75	2.75	31.01	7.10	2.49	6.70
6 6	25.88	2.75	1.00	2.25	3.00	3.00	28.64	9.54	6.44	6.32
11 11	25.00	2.50	1.50	2.25	2.75	3.50	15.40	27.73	4.26	6.18
9 9	24.38	3.00	2.00	2.08	2.75	3.00	25.37	7.30	2.65	5.65
1 1	23.25	2.25	2.75	2.95	2.25	3.25	10.40	15.02	6.66	5.30
12 12	24.50	2.00	1.75	2.75	1.25	2.50	1.14	5.11	2.20	5.35
3 3	24.38	2.25	1.25	2.00	2.75	3.00	28.53	9.44	2.58	5.05
5 5	25.38	1.75	2.00	3.00	1.50	3.00	17.06	7.61	1.67	4.63
OVERALL MEAN	25.427	2.333	1.583	3.177	2.375	2.667	22.433	10.665	3.432	6.590
STANDARD ERROR	0.808	0.230	0.228	0.551	0.232	0.295	5.794	3.100	1.637	0.998
LSD 5%	2.329	0.664	0.656	1.623	0.668	0.851	16.700	8.934	4.719	2.876
LSD 1%	3.123	0.890	0.879	2.217	0.895	1.141	22.398	11.983	6.329	3.858
PROB. OF F	0.0431	0.0241	0.0004	0.6978	0.0000	0.1076	0.0076	0.0005	0.1930	0.0210
COEF. OF VARIATION	5.355	19.738	28.740	34.741	19.507	22.137	51.661	58.136	95.424	30.289

RUVI... 2 TRIAL

COOPERATOR : Dr. Idem

LOCATION : SAMARU

No OF REPS = 4

No CF ENTRIES = 12

Table 2.9

ENTRY	YIELD	DY.FL	PL.ST	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	%RL
9 EV 8443-SR	7012.80	63.00	58.75	181.25	93.75	22.75	0.50	48.00	49.75	70.40
8 EV 8422-SR	3602.40	68.00	64.50	180.00	112.50	17.50	0.25	44.50	46.00	56.40
2 EV 8422-SR	3732.80	66.75	64.50	180.00	98.88	16.50	0.00	43.75	44.25	47.56
4 MARCAY 7921-SR	3732.80	66.25	64.50	180.00	76.62	14.50	0.00	41.00	42.25	44.59
5 ADURITIA	3732.80	66.25	64.50	180.00	91.25	14.50	0.00	41.00	42.25	44.59
7 TDR-SR	3732.80	66.25	64.50	180.00	76.62	14.50	0.00	41.00	42.25	44.59
10 FA 85 TZR-W-1	2555.20	61.75	55.25	117.50	91.25	14.50	0.00	40.75	42.25	60.00
11 FA 85 TZR-Y-1	2555.20	61.75	55.25	117.50	91.25	14.50	0.00	40.75	42.25	60.00
12 OK TENDIN LO	2555.20	61.75	55.25	117.50	91.25	14.50	0.00	40.75	42.25	60.00
3 EV 8443-SR	2177.60	65.50	68.25	120.00	121.88	22.00	0.50	33.25	33.50	74.55
OVERALL PEAN	2940.25	65.66	58.75	187.70	93.72	18.00	0.00	39.72	41.31	49.42
STANDARD ERRCR	339.09	0.88	3.27	10.00	5.41	3.00	0.00	3.65	3.72	2.42
LSD 1%	377.27	0.41	1.44	12.60	6.12	3.33	0.00	4.13	4.27	3.17
LSD 5%	1310.00	0.00	4.73	45.00	20.94	13.00	0.00	14.13	14.71	10.58
PROB. CF F VARIATION	0.23	0.06	1.12	7.19	0.00	0.38	0.00	0.62	0.71	0.39
COEFF. CF F VARIATION	23.06	6.90	20.20	71.19	11.61	38.15	0.51	18.41	18.02	41.44

ENTRY	%SL
9	2.23
8	1.49
2	4.95
4	1.27
5	1.63
7	1.63
10	0.00
11	0.00
12	0.00
3	2.23
OVERALL PEAN	1.94
STANDARD ERRCR	1.37
LSD 1%	5.32
LSD 5%	18.70
PROB. CF F VARIATION	0.47
COEFF. CF F VARIATION	141.60

ENTRY	YIELD	PL.HI	PL.HI	E.HI	RL	SL	P.HARV	E.HARV	N.STREAK	DGWT
7	5151.21	244.75	140.50	140.50	10.00	34.75	86.00	86.00	0.75	8.66
8	4748.10	86.50	122.25	119.50	7.25	33.00	86.50	86.50	1.75	7.98
6	4736.20	87.50	128.00	128.00	6.00	33.00	86.75	86.75	4.75	7.96
10	4588.94	86.75	230.00	128.25	10.00	33.00	86.50	86.50	1.50	7.71
4	4538.36	87.25	215.25	115.75	3.75	33.00	87.00	87.00	1.75	7.63
2	4480.35	87.00	230.75	115.50	8.75	33.00	86.75	86.75	1.30	7.53
9	4459.52	86.75	206.25	108.50	6.25	33.00	86.00	86.00	0.25	7.49
3	4440.19	86.50	224.25	127.25	10.75	33.00	86.00	86.00	0.00	7.46
11	4401.51	85.50	220.25	121.75	10.75	33.00	86.50	86.50	0.00	7.46
12	4306.51	86.50	233.50	134.75	11.50	33.00	85.50	85.50	0.25	7.40
5	3244.24	86.75	210.50	103.00	9.50	33.00	86.00	86.00	1.00	7.24
OVERALL MEAN	4427.296	86.625	219.563	121.146	9.292	28.125	85.875	85.875	3.750	7.441
STANDARD ERROR	263.937	0.594	6.918	5.579	2.613	4.910	0.905	0.905	0.833	0.443
LSD 5%	758.937	1.712	19.938	16.078	7.531	13.910	2.608	2.608	2.399	1.276
LSD 1%	1017.914	2.296	26.742	21.565	10.101	18.657	3.498	3.498	3.218	1.711
PROB. OF F	0.0063	0.5630	0.0000	0.0000	0.1149	0.0000	0.1616	0.0445	0.0000	0.0063
COEFF. OF VARIATION	11.896	1.372	6.302	9.210	56.249	34.323	2.107	4.957	44.404	11.896

Table 2.10

ENTRY	N.P.HSDK	%SL
7	11.54	40.23
8	8.33	35.35
6	7.25	35.35
10	12.50	40.61
4	5.00	41.42
2	6.50	38.04
9	10.75	28.87
3	6.25	36.69
11	4.75	44.01
12	13.49	39.01
5	20.30	8.44
OVERALL MEAN	10.811	32.649
STANDARD ERROR	3.020	5.542
LSD 5%	4.314	15.973
LSD 1%	5.787	21.423
PROB. OF F	0.0013	0.0000
COEFF. OF VARIATION	39.921	33.950

RUVT - 2 INTERMEDIATE VARIETIES TRIAL '88
 COOPERATOR : TOKY-RENEAUD
 LOCATION : TANTIÉGOU-TOGO (LOC.9)
 No OF REPS = 4 No OF ENTRIES = 12

Table 2.11

ENTRY	YIELD	PL:ST	PL:HT	E:HT	RL	SL	P:HARV	E:HARV	N:STREAR	%RL
5 ABURUTIA	2235.71	78.75	166.50	60.25	1.00	0.75	74.50	67.00	1.50	1.37
11 FA-85 TZSRW-1	2066.14	82.00	168.00	55.00	1.00	0.75	72.25	65.25	0.75	1.85
2 ACR-85 TZSRW-1	1938.21	82.50	167.25	57.50	1.00	0.75	73.25	64.75	0.50	1.30
1 EV-84 TZUT-Y	1890.61	83.00	171.25	54.25	1.00	0.75	75.00	67.50	1.00	1.43
6 EV-84 TZSRW-1	1869.79	81.00	173.50	59.75	1.00	0.75	75.00	67.25	0.00	1.44
9 FA-85 TZSRW-1	1828.14	81.00	171.50	59.75	1.00	0.75	74.25	60.75	0.00	1.34
10 FA-85 TZSRW-1	1740.84	84.00	172.50	58.50	1.00	0.75	72.50	61.50	0.25	1.15
12 CK-84 TZSRW-1	1676.41	82.75	172.00	54.50	1.00	0.75	70.75	61.00	0.25	1.34
4 MAK-84 TZSRW-1	1664.51	83.25	169.50	58.75	1.00	0.75	72.50	61.75	0.00	1.43
3 TEMOIN-LR	1509.81	86.00	171.50	68.00	1.00	0.75	79.82	54.40	0.00	1.22
7 TZPB-84 SR	1396.30	86.00	169.50	68.00	1.00	0.75	75.82	51.75	0.00	1.43
8 EV-84 SR	1396.30	86.00	171.50	68.00	1.00	0.75	79.82	54.40	0.00	1.22
OVERALL MEAN	1787.72	81.68	169.77	60.72	1.00	0.70	73.70	62.17	0.34	1.08
STANDARD ERROR	207.60	2.58	4.58	3.90	0.68	0.42	2.33	4.71	0.28	0.95
LSD 5%	600.61	7.45	13.22	11.25	1.97	1.21	6.72	13.60	0.82	2.76
LSD 1%	807.40	9.99	17.73	15.09	2.65	1.62	9.02	18.25	1.10	3.70
PROB. OF F VARIATION	0.28	0.42	0.42	0.39	0.54	0.83	0.71	0.37	0.00	0.54
COEF. OF VARIATION	23.22	6.33	5.44	12.85	11.53	118.50	6.35	15.16	105.37	113.54

RUVI-3 EXTRA-EARLY VARIETIES TRIAL '80

COOPERATOR : R.A. Dossou

LOCATION : BIGNI-LALIA (BENIN LOC.2)

NO OF REPS = 4

NO OF ENTRIES = 12

Table 3.1

ENTRY	YIELD	DF:FL	FL:ST	FL:RT	E:HT	RL	SL	P:HARV	E:HARV	DISEASE
11	2269.01	41.75	71.00	160.75	78.50	12.75	6.75	73.25	79.50	1.50
4	1710.88	43.00	61.00	113.25	33.00	12.75	4.25	73.25	79.50	1.75
5	1522.32	41.50	72.00	121.50	53.25	8.50	5.75	65.50	55.50	1.75
9	1522.32	43.25	57.75	130.25	53.25	8.50	5.75	65.50	55.50	1.75
2	1333.47	44.25	63.25	112.25	42.00	8.50	4.75	50.25	50.50	1.25
8	1261.78	46.75	55.25	110.25	39.25	6.75	4.75	50.25	50.50	1.25
12	1274.91	47.75	65.75	110.25	51.75	6.75	4.75	50.25	50.50	1.25
7	1201.24	42.75	64.25	113.25	51.75	5.50	8.00	41.25	50.50	1.50
1	1140.57	42.00	64.25	107.25	52.75	7.25	7.00	40.25	56.00	1.25
6	910.03	42.50	57.25	102.25	38.25	11.25	9.25	40.25	56.00	1.50
3	857.22	40.75	60.75	100.25	31.25	9.00	6.50	40.25	42.25	1.25
10	549.02	41.50	44.75	92.25	32.50	9.00	4.00	37.00	46.25	1.75
OVERALL MEAN	1304.375	43.104	61.208	119.233	45.833	7.292	5.626	52.229	53.188	1.750
STANDARD ERROR	257.422	6.575	5.653	8.226	6.141	2.040	2.107	6.147	6.198	0.222
LSD 1%	741.888	16.224	16.251	25.437	17.699	5.879	6.072	17.715	17.861	0.640
LSD 5%	395.057	8.057	8.059	12.008	8.739	2.950	3.145	8.740	8.956	0.306
COEFF. OF VARIATION	39.479	2.669	18.471	14.731	26.798	55.950	74.640	23.538	23.304	25.361
11	11ZLSRWXG314BC	4 Pop CSP Early	17.56	9.14	7.78	14.09	5.49	10.35	9.49	7.78
4	4 Pop CSP Early	5 TZE - W-2	14.09	5.49	10.35	9.49	7.78	14.09	5.49	7.78
9	9ACR131XJFSXLR	2CSPXL - Rayttrif2	15.29	7.77	14.94	11.94	15.29	10.35	9.49	10.35
2	2CSPXL - Rayttrif2	8 TZE - Y	15.29	7.77	14.94	11.94	15.29	10.35	9.49	10.35
8	8 TZE - Y	12CK(T)temp in LO	11.94	7.93	14.94	11.94	15.29	10.35	9.49	10.35
12	12CK(T)temp in LO	7PL27XGUC314BCIF2	15.05	19.69	13.36	13.36	13.36	13.36	13.36	13.36
7	7PL27XGUC314BCIF2	1 PopXGUC314BCIF2	15.05	19.69	13.36	13.36	13.36	13.36	13.36	13.36
1	1 PopXGUC314BCIF2	6 TZE - W-1	27.76	17.52	17.52	17.52	17.52	17.52	17.52	17.52
6	6 TZE - W-1	3 TZE - Y	27.76	17.52	17.52	17.52	17.52	17.52	17.52	17.52
3	3 TZE - Y	10PL28XGUC314BC1	23.08	12.80	12.80	12.80	12.80	12.80	12.80	12.80
10	10PL28XGUC314BC1	OVERALL MEAN	17.406	11.858	14.541	7.312	4.312	7.312	4.312	7.312
STANDARD ERROR	1.858	1.858	1.858	1.858	1.858	1.858	1.858	1.858	1.858	1.858
LSD 5%	4.312	4.312	4.312	4.312	4.312	4.312	4.312	4.312	4.312	4.312
LSD 1%	12.426	12.426	12.426	12.426	12.426	12.426	12.426	12.426	12.426	12.426
PROB. OF F	19.667	19.667	19.667	19.667	19.667	19.667	19.667	19.667	19.667	19.667
COEFF. OF VARIATION	59.858	59.858	59.858	59.858	59.858	59.858	59.858	59.858	59.858	59.858

RUVT - 3 TRIAL 1988

COOPERATOR : R.A. Dossou

LOCATION : GUENE - BENIN (LOC.3)

Table 3.2

No OF REPS = 4

No OF ENTRIES = 12

ENTRY	YIELD	DY.FL	PL:ST	PL:HT	E:HT	RL	SL	P:HARV	E:HARV	DIS:R
12	2329.68	51.00	72.00	137.75	69.50	1.50	2.25	77.25	68.00	1.75
11	2305.44	49.75	70.50	134.50	29.75	1.00	2.50	80.25	88.00	1.25
10	2171.94	50.25	75.00	140.75	48.00	1.00	2.50	80.00	81.50	1.75
9	2111.27	51.75	75.00	131.00	44.50	1.25	2.50	84.75	87.00	1.00
8	1965.67	50.50	75.00	136.50	44.50	1.00	2.50	84.75	88.75	1.00
7	1892.87	51.50	75.00	136.50	42.50	1.00	2.50	84.75	88.75	1.00
6	1856.46	50.25	75.00	136.50	42.50	1.00	2.50	84.75	88.75	1.00
5	1832.20	47.75	75.00	136.50	38.00	1.00	2.50	84.75	88.75	1.00
4	1747.26	48.50	75.00	136.50	44.50	1.00	2.50	84.75	88.75	1.00
3	1638.06	46.50	75.00	136.50	44.50	1.00	2.50	84.75	88.75	1.00
OVERALL MEAN	1927.244	49.271	72.708	136.104	42.541	1.169	2.404	76.322	81.729	1.708
STANDARD ERROR	143.511	0.685	3.127	6.601	4.588	1.369	0.524	7.347	3.947	0.251
LSD 5%	413.600	1.975	9.087	25.517	17.055	4.518	1.537	14.486	11.376	0.721
LSD 1%	554.735	2.650	12.000	34.077	23.000	6.031	2.061	19.031	15.259	0.966
PROB. OF VARIATION	14.8933	0.0002	0.0000	0.9746	0.0001	1.351	0.910	0.0395	0.0660	0.0208
COEF. OF VARIATION		2.7882	6.7746	9.7700	21.3391	135.1198	43.910	9.7795	9.0308	29.268

ENTRY	DIS:R	REL	REL	REL	REL	REL	REL	REL	REL	REL
12	1.50	2.34	14.25	17.45	42.04	72.99	20.604	76.322	81.729	1.708
4	1.75	3.34	17.45	21.61	44.025	116.9	34.447	140.428	153.776	0.721
11	1.25	3.53	20.931	25.61	51.77	136.8	40.377	144.86	153.776	0.721
2	1.00	3.33	19.771	24.33	51.77	136.8	40.377	144.86	153.776	0.721
8	1.50	3.33	22.813	28.13	50.00	135.1	43.910	77.50	88.75	1.00
5	1.75	3.96	25.250	32.50	50.00	135.1	43.910	77.50	88.75	1.00
9	1.00	4.08	28.500	35.00	50.00	135.1	43.910	77.50	88.75	1.00
7	1.25	4.80	32.500	40.00	50.00	135.1	43.910	77.50	88.75	1.00
1	1.75	4.96	35.250	42.50	50.00	135.1	43.910	77.50	88.75	1.00
6	1.25	4.80	35.250	42.50	50.00	135.1	43.910	77.50	88.75	1.00
10	1.50	4.54	33.800	40.00	50.00	135.1	43.910	77.50	88.75	1.00
3	1.00	4.60	33.800	40.00	50.00	135.1	43.910	77.50	88.75	1.00
OVERALL MEAN	1.667	2.260	27.347	33.054	66.054	172.448	50.061	172.448	172.448	0.277
STANDARD ERROR	0.284	1.541	6.054	7.444	17.444	44.822	13.402	44.822	44.822	0.277
LSD 5%	0.819	4.442	17.444	23.402	50.061	136.021	44.277	136.021	136.021	0.277
LSD 1%	1.099	5.958	23.402	30.061	66.054	186.021	59.910	186.021	186.021	0.277
PROB. OF VARIATION	0.0053	0.7296	0.0061	0.0061	0.0061	136.021	44.277	136.021	136.021	0.277
COEF. OF VARIATION	34.112	136.021	44.277	44.277	44.277	136.021	44.277	136.021	136.021	0.277

RUVT-3 EXTRA-EARLY VARIETIES TRIAL '88
 COOPERATOR : C.G. YALLOU
 LOCATION : NIAOULI- BENIN (LOC.9)

Table 3.3

No OF REPS = 4
 No OF ENTRIES = 12

ENTRY	YIELD	DY:FL	PL:HT	E:HT	RL	SL	P:HARV	E:HARV	N:E:ROT	MOIST
12	4207.03	45.16	182.50	77.50	5.69	0.07	42.28	40.20	87.95	31.82
8	3967.53	45.82	197.00	95.00	5.89	0.07	50.60	50.20	87.85	31.69
4	3812.56	45.16	170.00	68.00	5.29	0.07	43.59	41.86	85.85	31.39
9	3555.48	47.82	175.00	75.00	5.26	0.07	42.93	39.07	85.85	30.19
2	3470.17	44.82	168.00	75.00	5.26	0.07	42.93	39.07	85.85	30.19
11	3289.40	44.44	171.25	75.00	5.26	0.07	44.26	40.53	85.85	30.19
5	2968.44	43.82	161.25	75.00	5.26	0.07	44.26	40.53	85.85	30.19
7	2886.77	44.44	172.50	75.00	5.26	0.07	44.26	40.53	85.85	30.19
1	2642.66	44.44	165.00	75.00	5.26	0.07	44.26	40.53	85.85	30.19
6	2297.53	46.16	157.00	75.00	5.26	0.07	44.26	40.53	85.85	30.19
3	2251.53	46.16	157.00	75.00	5.26	0.07	44.26	40.53	85.85	30.19
10	1574.36	42.14	145.00	75.00	5.26	0.07	44.26	40.53	85.85	30.19
OVERALL MEAN	3076.95	44.78	168.67	77.50	5.69	0.07	42.28	40.20	87.95	31.82
STANDARD ERROR	265.56	0.39	6.71	0.52	0.05	0.00	0.87	0.81	0.19	0.85
LSD 5%	782.36	1.23	20.44	1.52	0.14	0.00	2.58	2.42	0.62	2.50
LSD 1%	1063.35	1.73	27.99	2.07	0.19	0.00	3.52	3.25	0.84	3.40
PROB. OF VARIATION	0.0000	2.0000	0.014	0.037	0.000	0.000	0.000	0.000	0.000	0.000
COEF. OF VARIATION	17.261	2.642	7.946	10.44	2.642	0.227	1.027	1.144	0.718	2.974

ENTRY	HR	INST	ERI	FSL	RE:ROT
12	1.19	2.50	1.34	0.17	16.33
8	1.19	2.50	1.34	0.17	16.33
4	1.19	2.50	1.34	0.17	16.33
9	1.19	2.50	1.34	0.17	16.33
2	1.19	2.50	1.34	0.17	16.33
11	1.19	2.50	1.34	0.17	16.33
5	1.19	2.50	1.34	0.17	16.33
7	1.19	2.50	1.34	0.17	16.33
1	1.19	2.50	1.34	0.17	16.33
6	1.19	2.50	1.34	0.17	16.33
3	1.19	2.50	1.34	0.17	16.33
10	1.19	2.50	1.34	0.17	16.33
OVERALL MEAN	1.19	2.50	1.34	0.17	16.33
STANDARD ERROR	0.17	0.05	0.05	0.00	0.05
LSD 5%	0.52	0.15	0.15	0.00	0.15
LSD 1%	0.71	0.21	0.21	0.00	0.21
PROB. OF VARIATION	0.0000	0.0000	0.0000	0.0000	0.0000
COEF. OF VARIATION	14.122	21.82	56.244	0.416	61.686

RUVT-3 EXTRA-EARLY VARIETIES TRIAL '88

COOPERATOR : HEMA-IDRISSA

LOCATION : FADA (BURKINA-FASO LOC.6)

NO OF REPS = 4

NO OF ENTRIES = 12

Table 3.4

ENTRY	YIELD	DY.FC	PL.ST	PL.HT	E.HT	RL	SL	P.HRV	E.HRV	N.E.ROT
4 POP CSP Early	4574.53	45.50	100.00	17.00	43.50	3.50	2.50	97.00	83.00	3.50
12 CK(Temojin LO)	4234.44	51.00	94.50	153.75	73.10	3.50	3.00	87.50	78.50	7.00
11 TZE SRW x G314BC	3893.80	46.50	95.00	136.40	56.25	5.50	6.50	83.50	86.50	8.00
8 TZE SRW x G314BC	2768.65	44.75	96.00	138.35	60.60	5.50	5.00	82.00	83.50	5.00
19 POP x GU314BC1F2	2765.75	44.75	91.50	132.60	62.55	9.45	10.50	84.50	76.50	17.50
7 AC x JFS x LRF	2653.30	47.25	97.00	125.60	51.25	5.50	5.00	93.00	78.50	4.50
5 TZE SRW x G314BC1F2	2547.40	43.50	96.00	114.60	48.25	7.85	8.50	90.00	81.50	5.00
9 TZE SRW x G314BC1F2	2223.63	42.50	86.75	107.75	47.45	5.50	9.50	89.00	84.50	2.00
10 TZE SRW x G314BC1	2017.76	42.25	79.50	105.75	47.45	10.50	4.50	86.00	82.50	3.00
3 TZE SRW x G314BC1	2009.92	40.25	102.50	112.15	38.10	10.50	11.50	93.00	70.50	3.00
OVERALL MEAN	2982.604	45.479	93.937	123.488	52.333	7.375	6.708	88.292	79.292	5.708
STANDARD ERROR	462.065	1.062	5.437	6.506	3.367	2.519	2.150	5.391	5.811	2.310
LSD 5%	1332.065	3.062	15.469	18.758	10.111	7.233	6.310	15.838	16.464	6.927
LSD 1%	1786.031	4.000	21.213	25.100	13.611	9.003	8.101	20.437	21.467	9.018
PROB. OF F VARIATION	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
COEF. OF F VARIATION	30.993	4.673	11.575	10.537	20.378	68.305	64.095	12.211	14.659	80.918

ENTRY	MOIST	OTHERS	%RL	%SL	%E.ROT	DWT	FWT
4 POP CSP Early	12.18	2.50	3.56	4.18	4.02	4.56	1.42
12 CK(Temojin LO)	11.75	2.13	4.52	1.84	9.05	4.12	8.71
11 TZE SRW x G314BC	11.45	2.38	6.47	8.85	6.45	4.94	7.66
8 TZE SRW x G314BC	10.70	2.75	6.52	5.88	9.45	4.94	5.54
19 POP x GU314BC1F2	11.20	2.75	5.34	3.46	1.10	4.28	5.47
7 AC x JFS x LRF	11.23	2.75	6.09	4.67	1.14	3.22	4.33
9 TZE SRW x G314BC1F2	12.50	2.70	8.01	9.31	5.94	5.55	5.32
5 TZE SRW x G314BC1F2	12.50	3.38	9.50	7.31	0.68	5.55	4.13
10 TZE SRW x G314BC1	11.88	3.50	6.29	3.23	4.23	4.43	4.01
3 TZE SRW x G314BC1	10.88	3.50	11.99	5.23	1.17	3.33	4.96
OVERALL MEAN	11.692	2.844	8.463	7.605	7.237	3.977	5.938
STANDARD ERROR	0.698	0.326	3.083	2.305	3.135	0.416	0.938
LSD 5%	2.010	0.939	8.845	6.428	9.025	1.199	2.705
LSD 1%	2.696	1.259	11.915	8.908	12.105	1.608	3.627
PROB. OF F VARIATION	0.6049	0.0621	0.0159	0.0526	0.0031	0.0120	0.0038
COEF. OF F VARIATION	11.932	22.903	72.826	60.152	86.546	20.920	31.650

RUVT-3 EXTRA-EARLY VARIETIES TRIAL '88

COOPERATOR : HEMA IDRISSA

LOCATION : KAMBOINSE (BURKINA-FASO LOC.1)

No OF REPS = 4 No OF ENTRIES = 12

Table 3.5

ENTRY	YIELD	DY:FL	DY:SK	PL:ST	PL:HT	E:HT	RL	SL	P:HARV	E:HARV
235 PXL-Rayttrtff2	5576.92	43.00	45.75	109.00	109.00	91.50	0.25	2.50	107.75	104.75
9acr8131xjfsxlrF	5801.54	43.00	44.50	108.75	180.00	85.50	5.25	2.50	106.75	103.75
41tzzeSRKwxG314BC	4828.06	41.50	44.25	107.50	186.75	85.75	4.50	2.50	104.00	107.00
112CK(Ttemoin LO)	4738.85	44.50	45.00	111.00	119.75	90.25	4.50	2.50	103.00	104.00
8tzzeE-W-2	4538.01	43.75	45.75	110.25	119.75	90.25	6.75	2.50	104.75	104.75
5PL27xGU314BC1F2	3389.07	41.25	43.25	108.50	117.00	81.25	1.25	2.50	99.25	108.25
1PROPXE-GU314BC1F2	3558.12	40.75	43.50	109.50	117.50	81.25	1.25	2.50	102.25	108.25
6PTZEE-W-1	3558.12	41.50	44.00	108.50	116.00	81.25	1.25	2.50	101.50	107.50
10PL28xGU314BC1	3537.83	40.25	44.00	107.00	115.00	81.25	2.25	2.50	98.50	104.50
3TZE-E-Y	3317.03	37.75	41.25	111.00	154.00	73.75	4.50	2.50	104.75	104.75
OVERALL MEAN	4405.812	40.271	44.188	109.042	174.833	82.146	5.021	2.79	102.292	104.250
STANDARD ERROR	605.790	0.602	0.527	1.512	5.063	5.653	0.221	0.77	2.117	3.737
LSD 1%	1745.686	1.903	1.519	4.843	19.565	16.852	0.812	2.825	6.182	10.771
LSD 5%	2341.645	2.600	2.038	6.707	26.790	21.044	1.126	3.926	8.184	14.447
PROB. OF VARIATION	0.0099	0.0008	0.0000	0.2772	0.0000	0.0044	0.2226	0.3921	0.130	0.442
COEFF. OF VARIATION	27.500	3.208	2.386	2.772	5.790	13.764	7.29	3.354	4.140	7.170

ENTRY	N:RGT	P:ASP	E:ASP	ANT 50%	N:P:RDSK	%RL	%SL	%E:ROT	HOIST
235 PXL-Rayttrtff2	5.50	2.33	2.00	44.00	37.25	7.75	1.79	5.25	28.55
9acr8131xjfsxlrF	1.25	1.88	2.25	44.00	26.75	6.25	1.63	1.25	38.55
41tzzeSRKwxG314BC	1.75	2.50	2.50	43.25	11.50	5.25	3.06	1.25	36.02
112CK(Ttemoin LO)	0.00	2.50	2.50	43.00	15.25	5.50	2.52	1.25	31.09
8tzzeE-W-2	2.25	2.50	2.50	44.50	16.75	6.75	3.35	1.25	32.89
5PL27xGU314BC1F2	2.50	2.50	2.50	41.50	6.50	11.11	4.44	2.25	32.65
1PROPXE-GU314BC1F2	2.00	2.50	2.50	42.50	6.50	11.11	4.44	2.25	31.57
6PTZEE-W-1	2.75	2.63	2.50	42.00	4.50	14.91	3.33	1.00	31.57
10PL28xGU314BC1	2.75	2.88	2.75	42.75	9.50	14.11	3.29	1.00	31.85
3TZE-E-Y	5.00	3.88	3.75	49.50	13.75	4.41	3.29	2.00	37.12
OVERALL MEAN	2.583	2.510	2.604	42.676	12.896	6.048	2.228	2.480	32.53
STANDARD ERROR	1.355	0.157	0.234	0.496	2.051	5.988	0.623	1.110	1.746
LSD 1%	4.472	0.677	0.982	1.919	8.798	7.509	2.966	1.188	5.612
LSD 5%	6.185	0.949	1.353	2.628	12.003	10.798	4.109	1.689	7.852
PROB. OF VARIATION	0.1856	0.126	0.030	0.0008	0.0023	0.0046	0.3509	0.177	0.563
COEFF. OF VARIATION	89.565	13.949	19.513	2.328	43.323	19.272	20.009	4.144	23.773

RUVT-3 EXTRA-EARLY VARIETIES TRIAL '88

COOPERATOR : HEMA IDRISIA

Table 3.6

LOCATION : SARIA (BURKINA-FASO)

No OF REPS = 4

No OF ENTRIES = 12

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT	MOIST
4 Pop CSP Early	3478.32	44.50	171.25	61.25	23.75	25	103.25	108.96	0.25	20.558
5 TPEE-W-2	3472.44	41.50	176.25	85.00	27.50	50	109.00	107.25	1.00	20.587
2 CSPxL-Raytirif2	3328.01	45.50	171.00	62.50	25.50	50	106.25	103.75	1.25	21.125
9 ACr8131xJFSxLRF	3307.02	45.50	180.00	75.00	25.50	50	107.25	105.75	1.50	21.155
8 TZEEL-1	3264.03	46.00	163.75	76.25	25.50	50	106.50	105.75	1.50	21.155
6 TZEEL-W-1	3138.68	43.50	177.50	80.75	25.50	50	102.50	102.00	1.00	19.887
12 PL27xGU314BC1F2	2971.97	43.25	173.50	88.25	25.50	50	109.75	108.25	1.00	19.827
7 POPZESRWXG314BC1	2657.33	43.50	163.75	81.25	25.50	50	104.25	108.00	0.25	19.225
11 TPL228xGU314BC1	2481.75	39.50	115.00	52.50	5.00	00	99.00	98.75	0.25	19.275
3 TZEEL-Y	2163.75	43.50	155.00	57.50	5.25	50	101.25	104.75	1.50	18.770
OVERALL MEAN	3024.292	43.417	168.958	71.146	4.042	000	105.271	104.768	1.958	20.358
STANDARD ERROR	405.984	0.659	6.197	5.392	1.562	247	3.485	3.734	1.602	1.273
LSD 5%	1170.043	2.547	23.953	15.843	4.503	475	12.485	10.773	4.616	3.270
LSD 1%	1569.304	0.0000	0.0000	20.0000	6.040	685	10.721	14.460	6.191	4.922
PROB. OF F VARIATION	26.848	3.036	7.335	15.158	0.818	046	6.473	7.380	0.166	0.598
COEF. OF F VARIATION					77.318	37.446		7.127	163.565	12.509

ENTRY	%RL	E.ASP	%SL	%E.ROT
4 Pop CSP Early	2.07	1.88	2.41	0.27
5 TPEE-W-2	3.43	2.63	1.25	0.93
2 CSPxL-Raytirif2	4.03	3.00	1.67	1.18
9 ACr8131xJFSxLRF	2.99	3.50	1.57	1.50
8 TZEEL-1	3.99	3.25	1.15	1.73
6 TZEEL-W-1	3.41	3.05	1.58	1.46
12 PL27xGU314BC1F2	3.99	3.88	1.22	0.95
7 POPZESRWXG314BC1	4.92	3.22	1.13	0.42
11 TPL228xGU314BC1	4.66	3.22	1.22	0.20
3 TZEEL-Y	6.02	3.50	1.30	0.72
OVERALL MEAN	3.864	3.48	1.16	0.94
STANDARD ERROR	1.508	0.274	1.374	1.788
LSD 5%	4.346	0.790	1.14	1.364
LSD 1%	5.829	0.060	0.170	3.932
PROB. OF F VARIATION	0.8110	0.0038	0.004	0.0008
COEF. OF F VARIATION	78.058	18.601	37.165	152.595

RUVT-3 EXTRA-EARLY VARIETIES TRIAL '88

COOPERATOR : DR. THE CHARLES

LOCATION : GAROUA - CAMEROON (LOC.7)

No OF REPS = 4

No OF ENTRIES = 12

Table 3.7

ENTRY	YIELD	DY.FL	PL.HT	E.HT	RL	SL	P.HARV	E.HARV	N.E.ROT	MOIST
2CSPxL-Rayttrrf2	7974.77	49.00	189.50	73.90	17.25	6.00	42.00	74.50	2.50	20.85
8TZEF-Y	4809.17	48.75	162.85	51.18	7.50	3.25	45.25	45.25	2.25	24.25
4Pop8131xJFSxLRF	4250.27	46.50	172.85	68.18	9.00	2.25	45.25	47.00	2.25	25.85
9Acrr8131xJFSxLRF	4254.92	48.25	156.52	61.48	7.00	2.00	40.00	47.75	1.25	19.25
12PopxGU314BCIF2	4167.64	46.25	161.45	62.29	24.00	6.75	35.75	36.00	3.00	12.60
12TZEEE-CMS 8602	4167.64	53.75	164.82	68.10	4.75	5.25	37.75	44.00	3.25	18.25
3PL27xGU314BCIF2	37624.89	45.75	168.80	81.00	23.75	7.25	43.50	51.50	0.50	20.60
11TZESRWxG314BC	3482.77	47.25	183.88	95.10	23.50	7.25	41.50	52.00	0.50	18.15
5TZEEE-W-2	3479.75	45.75	183.88	65.45	21.50	7.25	43.50	52.00	0.50	17.15
6TZEEE-W-1	3374.55	45.00	171.68	70.70	17.50	6.75	41.50	46.50	0.75	19.55
10PL28xGU314BC1	3116.11	45.50	164.68	70.03	17.25	6.75	36.50	44.75	0.00	19.60
OVERALL MEAN	4003.734	47.125	163.244	70.727	14.833	5.125	41.021	46.729	2.333	20.817
STANDARD ERROR	313.884	0.468	14.485	9.103	4.178	1.087	2.665	2.793	1.720	0.503
LSD 5%	920.116	1.349	41.746	26.235	12.042	3.134	7.681	8.049	4.956	1.449
LSD 1%	1234.971	1.809	55.992	35.187	16.152	4.203	10.302	10.795	6.647	1.944
PROB. OF VARIATION	0.0015	0.0000	0.9095	0.5586	0.021	0.0010	0.1901	0.0164	0.6907	0.0000
COEF. OF VARIATION	15.929	1.986	17.219	25.741	56.339	42.435	12.995	11.953	147.395	4.831

ENTRY	STR.RAN	%RL	%SL	%E.ROT
2CSPxL-Rayttrrf2	1.75	33.71	14.11	5.72
8TZEF-Y	2.75	16.68	7.84	4.80
4Pop8131xJFSxLRF	2.25	19.92	5.35	4.15
9Acrr8131xJFSxLRF	1.00	56.93	5.44	2.44
12PopxGU314BCIF2	4.25	22.87	17.57	11.84
12TZEEE-CMS 8602	2.25	22.87	16.56	11.38
3PL27xGU314BCIF2	1.25	55.70	16.17	10.16
11TZESRWxG314BC	3.25	46.93	18.01	11.02
5TZEEE-W-2	3.25	38.43	11.99	11.74
6TZEEE-W-1	1.50	30.89	11.66	11.67
10PL28xGU314BC1	2.396	36.168	12.399	5.280
OVERALL MEAN	2.232	19.606	2.606	3.378
STANDARD ERROR	2.294	39.708	10.072	13.220
LSD 5%	0.2406	0.006	0.006	0.5255
LSD 1%	0.657	5.686	4.040	13.409
PROB. OF VARIATION				
COEF. OF VARIATION				

Table 3.8

ENTRY	FIELD	PL:ST	PL:HT	E:HT	RL	P:HARV	E:HARV	N:E:ROT	MOIST
12	CK	CMS 8602	42.00	163.75	47.50	7.50	88.50	2.50	33.10
2	CSP	Rayt r1F2	3970.60	42.00	163.75	47.50	88.50	2.50	33.10
4	Pop	Early	3956.54	42.00	163.75	47.50	88.50	2.50	33.10
8	TZEE	Y	3568.01	45.25	165.00	51.50	90.25	7.50	33.97
9	9AC	131xJFSxLRF	3461.48	43.75	156.25	52.50	92.25	7.50	33.85
1	1Pop	xGU314BC1F2	3332.60	43.75	156.25	52.50	92.25	7.50	33.85
3	TZEE	Y	2898.71	39.50	140.00	52.50	88.50	7.50	33.03
5	TZEE	W-2	2786.52	41.75	146.25	51.50	88.50	7.50	33.15
7	7PL	27xGU314BC1F2	2682.33	41.00	141.25	51.50	88.50	7.50	33.20
6	6	TZEE	W-1	2612.15	41.00	141.25	51.50	7.50	33.83
10	10PL	28xGU314BC1	2403.58	41.75	143.75	51.50	88.50	7.50	30.60
3	3	25.339	3325.339	41.813	149.063	50.229	81.729	4.558	32.098
12	CK	CMS 8602	4622.87	44.00	177.00	51.50	88.50	2.50	32.204
2	CSP	Rayt r1F2	4622.87	44.00	177.00	51.50	88.50	2.50	32.204
4	Pop	Early	3620.69	42.25	165.00	47.50	88.50	2.50	32.471
8	TZEE	Y	3568.01	45.25	165.00	51.50	90.25	7.50	32.655
9	9AC	131xJFSxLRF	3461.48	43.75	156.25	52.50	92.25	7.50	32.484
1	1Pop	xGU314BC1F2	3332.60	43.75	156.25	52.50	92.25	7.50	32.098
3	TZEE	Y	2898.71	39.50	140.00	52.50	88.50	7.50	32.204
5	TZEE	W-2	2786.52	41.75	146.25	51.50	88.50	7.50	32.471
7	7PL	27xGU314BC1F2	2682.33	41.00	141.25	51.50	88.50	7.50	32.655
6	6	TZEE	W-1	2612.15	41.00	141.25	51.50	7.50	32.484
10	10PL	28xGU314BC1	2403.58	41.75	143.75	51.50	88.50	7.50	30.60
3	3	25.339	3325.339	41.813	149.063	50.229	81.729	4.558	32.098
12	CK	CMS 8602	4622.87	44.00	177.00	51.50	88.50	2.50	32.204
2	CSP	Rayt r1F2	3970.60	42.00	163.75	47.50	88.50	2.50	32.471
4	Pop	Early	3956.54	42.00	163.75	47.50	88.50	2.50	32.655
8	TZEE	Y	3568.01	45.25	165.00	51.50	90.25	7.50	32.484
9	9AC	131xJFSxLRF	3461.48	43.75	156.25	52.50	92.25	7.50	32.098
1	1Pop	xGU314BC1F2	3332.60	43.75	156.25	52.50	92.25	7.50	32.204
3	TZEE	Y	2898.71	39.50	140.00	52.50	88.50	7.50	32.655
5	TZEE	W-2	2786.52	41.75	146.25	51.50	88.50	7.50	32.484
7	7PL	27xGU314BC1F2	2682.33	41.00	141.25	51.50	88.50	7.50	32.098
6	6	TZEE	W-1	2612.15	41.00	141.25	51.50	7.50	32.655
10	10PL	28xGU314BC1	2403.58	41.75	143.75	51.50	88.50	7.50	30.60
3	3	25.339	3325.339	41.813	149.063	50.229	81.729	4.558	32.098
12	CK	CMS 8602	4622.87	44.00	177.00	51.50	88.50	2.50	32.204
2	CSP	Rayt r1F2	3970.60	42.00	163.75	47.50	88.50	2.50	32.471
4	Pop	Early	3956.54	42.00	163.75	47.50	88.50	2.50	32.655
8	TZEE	Y	3568.01	45.25	165.00	51.50	90.25	7.50	32.484
9	9AC	131xJFSxLRF	3461.48	43.75	156.25	52.50	92.25	7.50	32.098
1	1Pop	xGU314BC1F2	3332.60	43.75	156.25	52.50	92.25	7.50	32.204
3	TZEE	Y	2898.71	39.50	140.00	52.50	88.50	7.50	32.655
5	TZEE	W-2	2786.52	41.75	146.25	51.50	88.50	7.50	32.484
7	7PL	27xGU314BC1F2	2682.33	41.00	141.25	51.50	88.50	7.50	32.098
6	6	TZEE	W-1	2612.15	41.00	141.25	51.50	7.50	32.655
10	10PL	28xGU314BC1	2403.58	41.75	143.75	51.50	88.50	7.50	30.60
3	3	25.339	3325.339	41.813	149.063	50.229	81.729	4.558	32.098
12	CK	CMS 8602	4622.87	44.00	177.00	51.50	88.50	2.50	32.204
2	CSP	Rayt r1F2	3970.60	42.00	163.75	47.50	88.50	2.50	32.471
4	Pop	Early	3956.54	42.00	163.75	47.50	88.50	2.50	32.655
8	TZEE	Y	3568.01	45.25	165.00	51.50	90.25	7.50	32.484
9	9AC	131xJFSxLRF	3461.48	43.75	156.25	52.50	92.25	7.50	32.098
1	1Pop	xGU314BC1F2	3332.60	43.75	156.25	52.50	92.25	7.50	32.204
3	TZEE	Y	2898.71	39.50	140.00	52.50	88.50	7.50	32.655
5	TZEE	W-2	2786.52	41.75	146.25	51.50	88.50	7.50	32.484
7	7PL	27xGU314BC1F2	2682.33	41.00	141.25	51.50	88.50	7.50	32.098
6	6	TZEE	W-1	2612.15	41.00	141.25	51.50	7.50	32.655
10	10PL	28xGU314BC1	2403.58	41.75	143.75	51.50	88.50	7.50	30.60
3	3	25.339	3325.339	41.813	149.063	50.229	81.729	4.558	32.098
12	CK	CMS 8602	4622.87	44.00	177.00	51.50	88.50	2.50	32.204
2	CSP	Rayt r1F2	3970.60	42.00	163.75	47.50	88.50	2.50	32.471
4	Pop	Early	3956.54	42.00	163.75	47.50	88.50	2.50	32.655
8	TZEE	Y	3568.01	45.25	165.00	51.50	90.25	7.50	32.484
9	9AC	131xJFSxLRF	3461.48	43.75	156.25	52.50	92.25	7.50	32.098
1	1Pop	xGU314BC1F2	3332.60	43.75	156.25	52.50	92.25	7.50	32.204
3	TZEE	Y	2898.71	39.50	140.00	52.50	88.50	7.50	32.655
5	TZEE	W-2	2786.52	41.75	146.25	51.50	88.50	7.50	32.484
7	7PL	27xGU314BC1F2	2682.33	41.00	141.25	51.50	88.50	7.50	32.098
6	6	TZEE	W-1	2612.15	41.00	141.25	51.50	7.50	32.655
10	10PL	28xGU314BC1	2403.58	41.75	143.75	51.50	88.50	7.50	30.60
3	3	25.339	3325.339	41.813	149.063	50.229	81.729	4.558	32.098
12	CK	CMS 8602	4622.87	44.00	177.00	51.50	88.50	2.50	32.204
2	CSP	Rayt r1F2	3970.60	42.00	163.75	47.50	88.50	2.50	32.471
4	Pop	Early	3956.54	42.00	163.75	47.50	88.50	2.50	32.655
8	TZEE	Y	3568.01	45.25	165.00	51.50	90.25	7.50	32.484
9	9AC	131xJFSxLRF	3461.48	43.75	156.25	52.50	92.25	7.50	32.098
1	1Pop	xGU314BC1F2	3332.60	43.75	156.25	52.50	92.25	7.50	32.204
3	TZEE	Y	2898.71	39.50	140.00	52.50	88.50	7.50	32.655
5	TZEE	W-2	2786.52	41.75	146.25	51.50	88.50	7.50	32.484
7	7PL	27xGU314BC1F2	2682.33	41.00	141.25	51.50	88.50	7.50	32.098
6	6	TZEE	W-1	2612.15	41.00	141.25	51.50	7.50	32.655
10	10PL	28xGU314BC1	2403.58	41.75	143.75	51.50	88.50	7.50	30.60
3	3	25.339	3325.339	41.813	149.063	50.229	81.729	4.558	32.098
12	CK	CMS 8602	4622.87	44.00	177.00	51.50	88.50	2.50	32.204
2	CSP	Rayt r1F2	3970.60	42.00	163.75	47.50	88.50	2.50	32.471
4	Pop	Early	3956.54	42.00	163.75	47.50	88.50	2.50	32.655
8	TZEE	Y	3568.01	45.25	165.00	51.50	90.25	7.50	32.484
9	9AC	131xJFSxLRF	3461.48	43.75	156.25	52.50	92.25	7.50	32.098
1	1Pop	xGU314BC1F2	3332.60	43.75	156.25	52.50	92.25	7.50	32.204
3	TZEE	Y	2898.71	39.50	140.00	52.50	88.50	7.50	32.655
5	TZEE	W-2	2786.52	41.75	146.25	51.50	88.50	7.50	32.484
7	7PL	27xGU314BC1F2	2682.33	41.00	141.25	51.50	88.50	7.50	32.098
6	6	TZEE	W-1	2612.15	41.00	141.25	51.50	7.50	32.655
10	10PL	28xGU314BC1	2403.58	41.75	143.75	51.50	88.50	7.50	30.60
3	3	25.339	3325.339	41.813	149.063	50.229	81.729	4.558	32.098
12	CK	CMS 8602	4622.87	44.00	177.00	51.50	88.50	2.50	32.204
2	CSP	Rayt r1F2	3970.60	42.00	163.75	47.50	88.50	2.50	32.471
4	Pop	Early	3956.54	42.00	163.75	47.50	88.50	2.50	32.655
8	TZEE	Y	3568.01	45.25	165.00	51.50	90.25	7.50	32.484
9	9AC	131xJFSxLRF	3461.48	43.75	156.25	52.50	92.25	7.50	32.098
1	1Pop	xGU314BC1F2	3332.60	43.75	156.25	52.50	92.25	7.50	32.204
3	TZEE	Y	2898.71	39.50	140.00	52.50	88.50	7.50	32.655
5	TZEE	W-2	2786.52	41.75	146.25	51.50	88.50	7.50	32.484
7	7PL	27xGU314BC1F2	2682.33	41.00	141.25	51.50	88.50	7.50	32.098
6	6	TZEE	W-1	2612.15	41.00	141.25	51.50	7.50	

RUVT-3 EXTRA-EARLY VARIETIES TRIAL '88

COOPERATION : DR. IDEH

LOCATION : SAVARU

NO OF REPS = 4

NO OF ENTRIES = 12

Table 3.9

ENTRY	YIELD	BY FL	PL ST	PL HT	E HT	RL	SL	P HARV	E HARV	% RL
4 Pop CSP Early	3921.30	79.75	67.00	128.75	57.50	10.35	1.00	63.25	88.25	15.80
12 CK(Temo in LO)	3009.00	73.00	71.25	126.50	117.50	10.50	1.25	43.25	46.50	16.16
5 ZEE -w-2	2804.40	50.50	72.00	135.00	63.70	19.50	0.00	68.75	76.25	28.20
2 CSP XL - Ray x 314PC	2644.00	50.50	65.50	132.00	57.50	19.50	0.00	57.00	58.25	17.20
11 Pop x 314PC1F2	2622.00	45.50	65.50	127.00	45.00	18.75	1.25	61.50	67.25	25.10
19 ACPR1Y x JFS x LRF	2122.00	51.25	68.50	147.50	61.50	17.75	0.00	48.25	50.00	19.83
3 IZEE -w-1	1773.00	49.50	78.50	127.50	57.75	13.75	0.00	57.00	63.25	19.16
6 IZEE -w-1	1573.00	49.50	68.50	119.50	70.00	9.25	0.00	47.00	50.75	22.00
8 PL27 x 314PC1F2	1345.00	49.75	68.50	119.50	51.16	9.25	0.00	47.00	49.75	22.00
7 PL27 x 314PC1F2	1322.00	49.00	48.75	107.50	51.16	9.50	0.00	58.75	59.75	15.45
10 PL28 x 314PC1	1322.00	49.00	48.75	107.50	51.16	9.50	0.00	58.75	59.75	15.45
OVERALL MEAN	2249.100	51.023	65.729	135.222	61.033	14.063	0.623	56.271	60.604	24.891
STANDARD ERROR	197.556	0.366	4.937	5.471	6.721	3.602	0.423	4.213	4.594	6.180
LSD 5%	769.645	1.415	14.279	15.768	19.369	10.382	1.925	12.145	13.239	17.812
PROB. OF VARIATION	0.0000	0.0000	0.0436	0.0088	0.0000	0.013	0.7999	0.0001	0.0000	0.8191
COEF. OF VARIATION	17.647	1.424	15.176	8.088	22.005	51.234	159.393	14.974	15.160	49.659

ENTRY	%SL
4 Pop CSP Early	1.53
12 CK(Temo in LO)	2.58
5 ZEE -w-2	0.37
2 CSP XL - Ray x 314PC	0.08
11 Pop x 314PC1F2	0.32
19 ACPR1Y x JFS x LRF	2.02
3 IZEE -w-1	0.59
6 IZEE -w-1	0.38
8 PL27 x 314PC1F2	0.52
7 PL27 x 314PC1F2	1.17
10 PL28 x 314PC1	1.120
OVERALL MEAN	0.947
STANDARD ERROR	3.729
LSD 5%	3.661
PROB. OF VARIATION	0.7681
COEF. OF VARIATION	169.126

RUVT-3 EXTRA-EARLY VARIETIES TRIAL '88
 COOPERATCH : TOKY-RENEAUD
 LOCATION : BROUKCL-TOGO (LOC.10)

Table 3.10

No OF REPS = 4 No OF ENTRIES = 12

ENTRY	YIELD	PL:ST	PL:HT	E:HT	PL	SL	P:HARV	E:HARV	N:STREAK	DEWT
1 I ITZEEFKWxG3I4BC	2063.10	111.00	111.00	74.00	7.00	4.25	109.50	103.25	17.00	4.98
8 I TZEELW-2	2823.27	111.00	111.00	84.50	7.00	2.50	107.75	96.00	22.50	4.74
5 4 PopxGU3I4BC1F2	2658.44	111.00	111.00	77.75	5.00	3.00	107.75	91.00	22.50	4.47
4 1 PopxGU3I4BC1F2	2625.44	111.00	111.00	77.75	5.00	3.00	107.75	91.00	22.50	4.47
1 2 CSPLRaxJF2	2561.48	111.00	111.00	72.50	7.50	4.25	108.75	91.75	22.50	4.41
9 2 CSPLRaxJF2	2417.71	111.00	111.00	62.25	5.00	3.00	108.75	90.50	22.50	4.31
6 1 ZCK(TEmoJn LO)	2354.77	111.00	111.00	82.75	5.00	3.00	107.75	90.75	22.50	4.06
1 2 7PL27xGU3I4BC1	2168.85	109.42	111.00	77.75	2.50	1.50	95.00	89.00	21.00	3.65
7 10 10PL28xY	1921.85	109.42	111.00	74.00	2.50	1.50	106.25	86.75	21.00	3.23
10 3 10PL28xY	1728.47	110.42	111.00	58.50	0.50	0.75	102.75	83.75	19.00	3.04
3 13553.63	11.00	110.42	111.00	58.50	0.50	0.75	102.75	83.75	19.00	2.28
OVERALL MEAN	2282.197	109.063	151.333	72.729	7.250	5.072	105.938	88.063	25.333	3.836
STANDARD ERRCR	145.147	1.2276	17.101	0.425	0.394	0.178	1.348	2.789	3.435	0.244
LSD 5%	418.312	3.678	20.464	18.517	1.017	0.394	3.884	8.038	9.899	0.703
LSD 1%	561.056	4.933	27.447	24.829	1.388	0.552	5.209	10.780	13.277	0.943
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 VARIATION	12.7220	2.340	9.384	17.668	85.783	46.719	2.544	6.3334	27.117	12.7220

ENTRY	N:P:RUSK	%R	%SL
1 I ITZEEFKWxG3I4BC	4.75	5.47	3.20
8 I TZEELW-2	8.25	11.41	8.80
5 4 PopxGU3I4BC1F2	4.25	11.26	7.79
4 1 PopxGU3I4BC1F2	10.00	14.60	11.89
1 2 CSPLRaxJF2	13.50	11.87	11.62
9 2 CSPLRaxJF2	13.50	11.87	11.62
6 1 ZCK(TEmoJn LO)	4.00	2.18	5.53
1 2 7PL27xGU3I4BC1	9.75	14.44	7.70
7 10 10PL28xY	6.75	12.34	7.16
10 3 10PL28xY	3.50	0.50	2.92
OVERALL MEAN	7.767	11.73	8.95
STANDARD ERRCR	1.983	1.464	1.180
LSD 5%	5.715	4.218	3.402
LSD 1%	7.665	5.657	4.563
PROB. OF F VARIATION	0.0162	0.0000	0.0000
COEF. OF VARIATION	55.3336	92.236	48.231

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