

REPORT ON TRAINEE EXPERIMENTS, TRIALS, AND DEMONSTRATIONS NOVEMBER, 1985

EXPERIMENTS	SORGHUM	51
	PEARL MILLET	24
	GROUNDNUT	54
	MAIZE	2
	PIGEONPEA	5
	INTERCROPPING	20
INTERNATIONAL TRIALS	SORGHUM	1
	PEARL MILLET	1
	GROUNDNUT	1
	PIGEONPEA	1
DEMONSTRATIONS	SORGHUM	8
	PEARL MILLET	8
	MAIZE	2
	GROUNDNUT	10
OTHERS TRIALS		10



**INTERNATIONAL CROPS RESEARCH INSTITUTE
FOR THE SEMI-ARID TROPICS
(ICRISAT)
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GENERAL INFORMATION

Fields: RL2A (Verticilla); RW13 and 14 (ASB), RW12B, RW19R (Alfalfa)

Particulars	Sorghum	Pearl millet	Groundnut	Pigeonpea
1.Experimental design*	RND, 6T x 4R	RND, 6T x 4R	RND, 6T x 4R 8T x 3R	RND, 6T x 4R 8T x 3R 16T x 3R
2.Size of plot	18 x 24 m	18 x 24 m	18 x 24 m	18 x 24 m
3.Row length	5m	5m	5m	5m
4.Row width	75 cm	75 cm	37.5 cm	75 cm/37.5 cm
5.No. of rows per plot	4	4	8	4/8
6.Land Management	Both ridges and furrows (75 cm) and broadbeds and furrows (1.5 m)	Ridges and furrows (75 cm)	Broadbeds and furrows (1.5 m)	Broadbeds and furrows (1.5 m)
7.General Treatment*				
a.Fertilizer (N-P-K)	60-17-0	60-17-0	10-17-0	10-17-0
b.Weeding	Atrazine (50% WP) @ 1.0 kg a.i./ha. Hand weeding twice	Propazine (50% WP) @ 1.0 kg a.i./ha. Hand weeding twice	Alachlor (40% EC) 4.2 kg/ha Hand weeding twice	- Hand weeding twice
8.Plant protection	Rogor & Thiodan	Thiodan	Rogor	Thiodan and Endosul fan August/Sept.
9.Planting dates	19-20 June	20-25 June	20-25 June	20-25 June
10.Harvesting	2-3 week of October	2 week of September	4 week of October	November-February 1986

* Unless otherwise stated

Details of Experiments and Demonstrations

Sorghum and some pigeonpea and intercropping experiments were planted on Vertisols (BL2A). Pearl millet, groundnut, pigeonpea experiments and intercropping trials were planted on Alfisols. International yield trials and demonstrations were planted both on Vertisols and Alfisols. In addition to the experiments, the crop improvement trainees conducted sorghum/pearl millet international yield trials with 12 entries and 2 replications. Each entry was planted in four rows of 5 m length and 75 cm width both on broadbeds and furrows (1.5 m) on Alfisols and Vertisols for sorghum and pearl millet, while it is 8 rows in the same area in the case of groundnut and pigeonpea.

The crop production trainees established demonstration plots to compare aspects of improved technology with traditional technology. The gross area of each demonstration was 5 x 9 m with 12 rows per plot for pearl millet and sorghum and 24 rows per plot for groundnut. Two rows for pearl millet and sorghum and 4 rows for groundnut were provided as borders for each plot. Groundnut was planted on 1.5 m broadbeds and furrows (Alfisols) while pearl millet (Alfisols) were planted on ridges and furrows (75 cm).

Data were collected on the following plant characters:

Seedling vigour, plant stand, plant height, scoring for pests and disease incidence, leaf area, number of tillers, days to flower, panicle length (nearest cm) and width, number of panicles harvested (nearest 000's), grain or pod yield, grain weight (nearest grams), number of mature and immature pods per plant, dry weight of pods per plant, shelling percentage, dry matter and N.P.K. accumulation in crop plant and weeds, land equivalent ratio, monetary returns for intercropping combinations, economic evaluation of comparisons in demonstration etc.

Selected data were statistically analysed and incorporated in the Tables.

Trainee experiments with sorghum, pearl millet, groundnut and pigeonpea

S.No.	Name	Country	Group	Table No	Details of expt/trials
1.	Md. Hazarat Ali	Bangladesh	CI-C	PM24	Pearl millet varietal trial
				PM25	Pearl millet varietal by nitrogen response trial
2.	Mallon, Gele B	Benin	CI-C	S1	Sorghum varietal trial
				S2	Sorghum varietal by nitrogen response trial
3.	Moumouni, Adjaro	Benin	CI-C	S3	Sorghum varietal trial
				G1	Groundnut varietal trial
4.	Mogorosi, Michael	Botswana	CI-C	S4	Sorghum varietal trial
				PM1	Pearl millet varietal trial
5.	Molapong, Dintle O	Botswana	CI-L	G2	Groundnut varietal trial
				G3	Groundnut disease resistance trial
6.	Mogomotsi Mathews S	Botswana	PS	S44	Weed control trial in sorghum
				IC2	Intercropping trial with Pearl millet & cowpea
7.	Masikara, Synai	Botswana	PS	IC1	Intercropping trial with sorghum & cowpea
				PM20	Time of application and levels of nitrogen on millet
8	Traore, Youssouf	Burkina Faso	CI-C	S5	Sorghum mold resistance trial
				S6	Sorghum shootfly resistance trial

S.No.	Name	Country	Group	Table	Details of expt/trials
No					
9.	Benjamin, Ryalet	Burkina Faso	CI-C	S7	Sorghum varietal trial
				PM2	Pearl millet varietal trial
10.	Han, Dawu Mu	Burma	CI-L	G7	Groundnut varietal trial
				G6	Groundnut plant densities by varietal trial
11.	Tin, Daw Aye Thn	Burma	CI-L	G4	Groundnut varietal trial
				G5	Groundnut plant densities by varietal trial
12.	Aung, U Thein	Burma	CP	G29	Groundnut plant densities by varietal trial
				G30	Groundnut varietal trial
13.	Yin, U Kauk	Burma	CP	G27	Groundnut varietal by plant densities trial
				G28	Groundnut varietal by fertilizer trial
14.	Frederic, Hakizimana	Burundi	CI-C	S8	Sorghum varietal trial
				S9	Sorghum varietal by nitrogen response trial
15.	Tatoloum, Ndoubakoi	Chad	CP	S28	Sorghum varietal trial
				PM15	Pearl millet fertilizer by varietal trial
16.	Ligou, Yang	China	CI-C	S10	Sorghum mold resistance trial
				S11	Sorghum plant densities by varietal trial

S.No.Name	Country	Group	Table No	Details of expt/trials
17. Yu, Shan-Lin	China	CI-L	G8	Groundnut genotypes varietal trial
			G9	Groundnut plant densities by varietal trial
18. Zhuangta, Zhang	China	PS	PP4	Pigeonpea date of planting by varietal trial
			PP5	Pigeonpea plant densities by varietal trial
19. Gao, Jin-Wen	China	PS	S45	Sorghum fertilizer trial on Vertisol
			S46	Sorghum fertilizer trial on Alfisol
20. Ramon, Celado Montero	Dominican Rep	CI-C	S12	Sorghum varietal trial
			S13	Sorghum varietal by nitrogen response trial
21. Oda, Eshetu Lemma	Ethiopia	CI-L	G10	Groundnut varietal trial
			G11	Groundnut disease resistance trial
22. Liben, Minale	Ethiopia	CP	S31	Sorghum varietal trial
			S32	Sorghum plant densities by varietal trial
23. Tarekegne Kiflu	Ethiopia	CP	S29	Sorghum varietal trial
			S30	Sorghum plant densities by varietal trial
24. Akantu, Lawrence Abi	Ghana	CI-C	S14	Sorghum varietal trial
			PM3	Pearl millet varietal by nitrogen response trial

S.No.	Name	Country	Group	Table No	Details of expt/trials
25.	Nakpih, Ambrose B.A	Ghana	CP	S33	Sorghum varietal trial
				M1	Maize fertilizer by varietal trial
26.	Vasquez, Jorge S Puen	Guatemala	CI-C	S15	Sorghum varietal trial
				S16	Sorghum varietal by nitrogen respons trial
27.	Diallo, Mamadou Fadja	Guinea	CP	G32	Groundnut varietal trial
				G33	Groundnut date of planting by varietal trial
28.	Keita, Djiba	Guinea	CP	G36	Groundnut varietal trial
				G37	Groundnut plant densities by varietal trial
29.	Diane, Mohamed Lamine	Guinea	CP	S34	Sorghum varietal trial
				G31	Groundnut plant densities by varietal trial
30.	Bah, Mamadou Cellou	Guinea	CP	G34	Groundnut varietal trial
				G35	Groundnut date of planting by varietal trial
31.	Sumarsono, Lasimin	Indonesia	CI-L	G12	Groundnut varietal trial
				G13	Groundnut disease resistance trial
32.	Poerbooyo, Ismail B	Indonesia	CI-L	G52	Groundnut varietal trial
				G53	Groundnut plant densities by varietal trial

S.No.	Name	Country	Group	Table No	Details of expt/trials
33.	Singgih, Sumarny	Indonesia	FS	IC15	Intercropping trial with pigeonpea & soybean
				IC16	Intercropping trial with & soybean by response to nitrogen & phosphorus
34.	Tembenu, Hallow J.N	Malawi	CI-L	GG14	Groundnut varietal trial
				G15	Groundnut plant densities by varietal trial
35.	Gondwe, Lorent K	Malawi	CP	G38	Groundnut fertilizer trial
				G39	Groundnut fertilizer by varietal trial
36.	Diarra, Balla	Mali	CI-C	S17	Sorghum varietal trial
				PM4	Pearl millet varietal trial
37.	Togo, Bourema	Mali	FS	PM22	Pearl millet varietal by plant densities trial
38.	Traore, Moussa Nabilaye	Mali	FS	IC3	Intercropping trial with sorghum & cowpea
				IC4	Intercropping trial with Pearl millet & groundnut
39.	M'baye, Diallo Mamadou	Mauritania	CP	PM16	Pearl millet varietal trial
				S35	Sorghum varietal by nitrogen response trial

S.No.	Name	Country	Group	Table	Details of expt/trials
No					
40.	Marquez, Enrique V	Mexico	CP	PM17	Pearl millet varietal trial
				G40	Groundnut varietal by nitrogen response trial
41.	Javier, N-P Raymundo	Mexico	FS	IC5	Intercropping trial with maize & soybean
42.	Enosse, Ricardo	Mozambique	CI-L	G16	Groundnut varietal trial
				G17	Groundnut disease resistance trial
43.	Manzo, Mahamane M	Niger	FS	IC6	Water balance study with intercropping of pearl millet & groundnut
44.	Mallam, Ibrahim	Niger	FS	S47	Sorghum varietal by nitrogen response trial
				IC7	Water balance study with intercropping of pearl millet & cowpea
45.	Mumuni, Jinadu	Nigeria	CI-C	PM7	Pearl millet varietal trial
				PM8	Pearl millet plant densities by varietal trial
46.	Sackitey, Charles Kwame	Nigeria	CI-C	PM6	Pearl millet plant densities by varietal trial
				PM5	Pearl millet varietal trial
47.	Almojuela, Jose Sanchez Y	Philippine	CP	S36	Sorghum varietal trial
				G41	Groundnut fertilizer trial

S.No.	Name	Country	Group	Table No	Details of expt/trials
48.	Mendoza, Piedad A	Philippines	FS	G44	Groundnut fertilizer by rhizobium inoculation trial
				IC8	Intercropping trial with maize & soyabean
49.	David, Chishahayo	Rwanda	CI-C	S18	Sorghum mold resistance varietal trial
				S19	Sorghum varietal by nitrogen response trial
50.	Diop, Abdoulaye Dia	Senegal	CI-C	PM11	Pearl millet varietal trial
				PM12	Pearl millet plant densities by varietal trial
51.	Beye, Aliouene	Senegal	CI-C	PM9	Pearl millet varietal trial
				PM10	Pearl millet varietal by nitrogen response trial
52.	Diop, Abou Abdoulaye Yero	Senegal	CI-L	PP2	Early maturing pigeonpea varietal trial
				PP1	Pigeonpea trial for insect resistance
53.	Kebe, Cheikh	Senegal	FS	S48	Sorghum plant densities by varietal trial
				PM23	Pearl millet varietal by nitrogen response trial
54.	Fall, Amadou Mustapha	Senegal	FS	IC9	Intercropping trial with sorghum & cowpea
				IC10	Intercropping trial with Pearl millet & groundnut (microclimate study)

S.No.	Name	Country	Group	Table No	Details of expt/trials
55.	Jimale, Ahmed Mohamed	Somalia	CI-C	S20	Sorghum varietal by nitrogen response trial
				S21	Sorghum plant densities by varietal trial
56.	Mohamed, Yahaya N Haji	Somalia	CP	S51	Sorghum varietal trial
				G45	Groundnut varietal trial
57.	Ahmed, Haji Shekh	Somalia	CP	S37	Sorghum varietal by nitrogen response trial
				G42	Groundnut varietal trial
58.	Jayatunga, S.W	Sri Lanka	FS	G47	Groundnut varietal by phosphorus response trial
				IC12	Intercropping trial with maize & soybean
59.	Keerthisinghe, M.B	Sri Lanka	FS	G46	Groundnut varietal by phosphorus response trial
				IC11	Intercropping trial with maize & cowpea
60.	Mogga, Rachel Kenyi	Sudan	CI-L	G18	Groundnut varietal trial
				PP3	Early maturing pigeon-pea varietal trial
61.	Hassan, Abdalla Yousif	Sudan	CI-L	G19	Groundnut varietal trial
				G20	Groundnut plant densities by varietal trial
62.	Lomodo, Mogga James	Sudan	CP	M2	Maize varietal by nitrogen response trial
				S39	Sorghum varietal trial
				S40	Variability/competition trial

S.No.	Name	Country	Group	Table No	Details of expt/trials
63.	Ibrahim, Omer Hasab E	Sudan	CP	S38	Sorghum plant densities by varietal trial
				G43	Groundnut fertilizer trial
64.	Hamed, Abdelmannam	Sudan	FS	S50	Sorghum plant densities by varietal trial
				IC14	Intercropping trial with Pearl millet & groundnut
65.	Hiza, Solomon Paul	Tanzania	CI-C	S22	Sorghum varietal trial
				S23	Sorghum varietal by nitrogen response trial
66.	Teaha, Protas P	Tanzania	CI-C	S24	Sorghum varietal trial
				PM13	Pearl millet varietal trial
67.	Mpiri, Mark G.	Tanzania	CI-L	G23	Early maturing groundnut varietal trial
				G24	Medium maturing groundnut varietal trial
68.	Kapinga, Romwaldo	Tanzania	CI-L	G22	Groundnut varietal trial
				G21	Groundnut plant densities by varietal trial
69.	Leonidas, Caroline K.M	Tanzania	CP	S42	Sorghum varietal trial
				S43	Sorghum varietal trial
				PM19	Pearl millet varietal trial
70.	Konga, Edith C.S	Tanzania	CP	PM18	Pearl millet varietal by date of planting trial
				S41	Sorghum varietal trial

S.No.	Name	Country	Group	Table No	Details of expt/trials
71.	Sukviboon, Sakda	Thailand	PS	G49	Groundnut plant densities by date of planting trial
72.	Lavanamal, Pongsak	Thailand	PS	S49	Sorghum varietal by nitrogen response trial
73.	Niratiam, Srichai	Thailand	PS	G48	Groundnut varietal by phosphorus response trial
74.	Satan, Padet	Thailand	PS	IC13	Intercropping trial with sorghum & mungbean
75.	Wikumpapraharn, Chawe	Thailand	PS	G50	Groundnut fertilizer trial
76.	Poonporn, Lertchai	Thailand	PS	G51	Groundnut varietal by date of planting trial
77.	Zudhe, Erobat Charles	Uganda	PS	IC18	Intercropping trial with maize & cowpea
				IC19	Intercropping trial with Pearl millet & groundnut
78.	Atodi-Emurut, J.S	Uganda	PS	IC17	Intercropping trial with sorghum & cowpea
				G54	Weed control trial in groundnut
79.	Al-Shurai, Ali Abdulla	Yemen	No	CI-C	S25 Sorghum varietal by nitrogen response trial
					S27 Sorghum population cycles trial
80.	Chungu, Chibwe	Zambia	CI-C	S26	Sorghum plant densities by varietal trial
				PM14	Pearl millet varietal trial

S.No.Name	Country	Group	Table No	Details of expt/trials
81. Mayunda, Akabondo A	Zambia	CI-L	G25	Groundnut varietal trial
			G26	Groundnut disease resistance trial

Table D1: Results of trainees demonstration plots, 1985

Land and Water Management group
(Table IC20)

Javier, N-P Raymundo	Mexico	FS	Land configuration	Slope: 0.4% and 1.0%
Wilumpapraharn, Chawe	Thailand	FS	and run-off studies on	Land configuration: Flat and
Niratiam Srichai	Thailand	FS	Alfisol	Broad bed and furrow
Poonporn Lertchai	Thailand	FS		Intercropping of sorghum (CSH 9) &
Sukviboon Sakda	Thailand	FS		groundnut (Robut 33-1) at 2:2 ratio.
Levanamal Pongak	Thailand	FS		
Satan Padet	Thailand	FS		

S = Sorghum	G = Groundnut
PM = Pearl millet	PP = Pigeonpea
M = Maize	D = Demonstration
CI-C = Crop Improvement (Cereals)	
CI-L = Crop Improvement (Legumes)	
CP = Crop Production	
FS = Farming Systems	

SORGHUM

Table : S1 File : 999 Name : Mallon, Glele B.
Crop : Sorghum Country: Benin
Title : Sorghum growth and development studies
Summary of Selected Characters (Number: 9)

Treat- ments	Number of leaves	Flag 3rd leaf Leaf Area (sq.cm)	3rd leaf Area (sq.cm)	Plant Height (cm)	Panicle Length (cm)	Panicle Diameter (cm)	Heads Harvested (000/ha)	Grain Yield (kg/ha)	1000 Seed Weight (g)
A918(V)	12	231	447	141	26	5	57	383	14
A922(V)	12	219	452	155	30	6	40	153	11
A925(V)	14	275	551	152	24	6	43	222	15
SPH 221(H)	12	219	438	169	29	7	77	1965	16
SPH 263(H)	12	215	477	137	29	6	64	1831	17
SPH 264(H)	11	229	469	156	27	6	86	2115	21
SEM (+)	0.34	15.26	25.97	3.66	0.88	0.38	7.64	202.04	0.92
C.V. (X)	6	13	11	5	6	13	25	36	12

Table : S2 File : 999 Name : Glele B. Mallon
Crop : Sorghum Country: Benin
Title : Sorghum fertilizer by varietal trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	Stem Length (cm)	Heads Harvested (000/ha)	Panicle Length (cm)	Dry Matter (kg/ha)	Grain Yield (kg/ha)
Factor					
CSH 9	102	87	26	10	2238
TDS 05	90	108	21	10	1931
SEM (+)	2.91	5.24	0.43	0.72	234.72
Factor					
0-17-0	91	97	23	9	1652
30-17-0	99	90	24	9	2353
60-17-0	98	106	24	13	2249
SEM (+)	3.57	6.41	0.52	0.88	287.47
Interaction					
SEM AxB (+)	5.04	9.07	0.74	1.24	406.54
C.V. (Z)	10	19	6	24	39

Table : S3 File : 1000 Name : Moumouni, Adjaro
Crop : Sorghum Country: Benin
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 9)

Treat- ments	50% Flower (days)	Plant Height (cm)	Panicle Length (cm)	Ear tation (X)	Earheads Harvested (000/ha)	1000 Seed Weight (g)	Grain Yield (kg/ha)	Seedling Vigor (X)	Emergence Score (X)
A922	75	147	30	1	15	14	396	7	6
A925	75	145	22	6	19	21	698	6	7
A927	72	163	25	9	17	23	1212	7	5
SPH 225	73	168	30	8	27	22	2434	4	3
SPH 264	67	163	31	11	33	23	2958	4	3
SPH 349	72	134	31	5	23	21	1638	6	5
SEM (+)	0.61	5.33	0.98	1.31	2.26	1.30	454.42	0.34	0.38
C.V. (X)	2	7	7	39	20	13	58	12	16

Table : S4 File : 1026 Name: Mogorosi, Michael
Crop : Sorghum Country: Botswana
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 7)

Treat- ments	50% Flower (days)	Plant Height (cm)	Panicle Length (cm)	1000 Grain Weight (g)	Grain Yield Weight (kg/ha)	Heads Harvested (000/ha)	Leaf Area (sq.cm)
A927	70	155	23	2	1563	70	316
A918	75	136	24	2	910	68	357
A921	83	150	22	2	518	76	302
SPH 225	70	170	24	2	1835	109	435
SPH 221	71	166	27	2	1665	101	506
CSH9	70	155	25	2	1415	92	459
SEM (+)	0.68	2.24	0.94	0.07	183.24	13.38	39.06
C.V. (X)	2	3	8	8	28	31	20

Table : 85 File : 994 Name: Traore Youssouf
Crop : Sorghum Country: Burkina Faso
Title : Sorghum mold resistance trial
Summary of Selected Characters (Number: 2)

Treat- Shootfly Stemborer
ments

(15 days)(25 days)

IS 6335	23	20
IS 620	19	22
IS 2453	21	24
IS 9494	14	16
IS 402	40	45
IRS 01	36	35
SEM (←)	3.07	3.72
C.V. (X)	24	28

Table : 96 File : 994 Name: Traore Youssouf
Crop : Sorghum Country: Burkina Faso
Title : Sorghum shootfly resistance trial
Summary of Selected Characters (Number: 2)

Treat- Shootfly Stemborer
ments

(15 days)(25 days)

PS 14454	1	3
PS18601-22	1	1
PS 18969	1	3
PS 20092	2	3
PS 21318	1	2
CSH1	8	8
SEM (←)	0.94	1.19
C.V. (X)	79	75

Table : S7 File : 993 Name: Benjamin, Kyalen
Crop : Sorghum Country: Burkina Faso
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Panicle Length (cm)
A922	78	137	41	13	137	30
A921	75	132	49	17	480	27
A918	80	139	69	17	417	22
SPH 221	68	152	70	18	1723	29
SPH 225	65	164	81	20	2093	27
CSH9	69	147	66	21	1247	26
SEM (←)	0.92	3.19	6.42	0.93	244.69	0.90
C.V. (%)	2	4	18	9	42	6

Table : S8 File : 974 Name: Hakizimana Frederic
Crop : Sorghum Country: Burundi
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 7)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at Harvest (000/ha)	Grain Yield (kg/ha)	1000 Grain Weight (g)	Head Length (cm)	Leaf Area (sq.cm)
SPH 221	68	131	119	1880	2	21	402
SPH 225	68	135	96	2025	2	21	500
SPH 263	68	134	107	2950	2	23	494
SPH 264	67	135	119	1955	2	20	439
SPH 349	68	147	103	2450	2	25	508
CSH9	68	139	101	1613	2	20	441
SEM (←)	0.35	7.57	12.92	227.33	0.07	1.13	35.66
C.V. (%)	1	11	24	21	7	10	15

Table : 89 File : 974 Name : Makisimura Fredric
Crop : Sorghum Country: Burundi
Title : Sorghum fertiliser trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	Plant Height	Head Length	Ergot Attack	Shootfly Attack	Leaf Area
	(cm)	(cm)	(%)	(%)	(sq.cm)
Factor					
A921	129	17	71	83	428
A918	118	20	67	77	462
SEM (+_)	2.89	0.42	4.79	1.44	17.44
Factor					
30-17-0	127	19	75	83	449
60-17-0	118	18	59	77	425
90-17-0	125	20	74	81	461
SEM (+_)	3.53	0.51	5.87	1.77	21.36
Interaction					
SEM AxB (+_)	5.00	0.72	8.30	2.50	30.21
C.V. (%)	8	8	24	6	14

Table : S10 File : 1036 Name : Yang Ligou
Crop : Sorghum Country: China
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 4)

Treat- ments	50% Flower	Plant Height	Heads Harvested	1000 Grain weight	Grain Yield	Head Length	Panicle Diameter	Leaf Area	Number of Leaves
	(days)	(cm)	(000/ha)	(g)	(kg/ha)	(cm)	(cm)	(sq.cm)	
IS 620	59	159	85	1	1180	19	5	244	38
IS 2453	65	178	70	2	1053	26	6	295	13
IS 6335	61	188	84	2	1647	25	9	280	12
IS 8525	61	155	66	2	1120	24	8	266	13
IS 9494	64	168	70	2	1068	23	6	287	14
IS 402	60	125	80	2	1116	28	8	336	13
SEM (+_)	0.76	2.70	5.14	0.07	107.15	0.58	0.28	7.77	10.18
C.V. (%)	2	3	14	8	18	5	8	5	120

Table : S11 File : 1036 Name : Ligou, Yang
Crop : Sorghum Country: China
Title : Sorghum plant densities by varietal trial
Summary of Selected Means and Data (Number: 9)

Treat- ments	Flowering 50%	Plant Height	Panicle Length	Panicles Diameter	Panicles Harvested	1000 Grain Weight	Grain Yield	Number of leaves	Largest Leaf Area
	(days)	(cm)	(cm)	(cm)	(000/ha)	(g)	(kg/ha)		(sq.cm)
Factor									
MA9xMR819	70	159	30	7	122	2	3698	16	529
CSH9	70	158	26	6	125	2	3288	16	520
SEM (+)	0.52	0.79	0.30	0.08	0.73	0.04	147.45	0.23	2.70
Factor									
100,000/ha	70	159	29	7	101	2	2921	16	530
125,000/ha	70	159	28	7	124	2	3650	16	526
150,000/ha	70	159	28	7	146	2	3908	16	517
SEM (+)	0.64	0.97	0.36	0.09	0.89	0.04	180.59	0.28	3.31
Interaction									
SEM AxB (+)	0.90	1.37	0.51	0.13	1.26	0.06	255.39	0.39	4.68
C.V. (%)	3	2	4	4	2	6	15	5	2

Table : S12 File : 972 Name : Ramon, Celado Montero
Crop : Sorghum Country: Dominican Republic
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 3)

Treat- ments	Panicle Length	Head Exertion	Plant Height
	(cm)	(cm)	(cm)
A918	24	13	108
A925	25	15	113
A927	21	13	110
SPH 225	25	13	134
SPH 264	25	15	127
MA9xMR819	25	10	129
SEM (+)	0.94	0.65	5.26
C.V. (%)	8	10	9

Table : S13 File: Name: Ramon, Celado Montero
Crop : Sorghum Country: Dominican Rep
Title : Sorghum varietal by nitrogen response trial
Summary of Selected Characters (Number: 4)

Treat- ments	Means Plant Height (cm)	Means of Panicle (cm)	Means of Exertion	Shoot Fly Attack (%)
A-921-DAP 30-17-0	80	20	9.0	86
DAP 60-17-0	120***	21	8.0	81
DAP 90-17-0	134***	21	8.0	80
A-922 DAP 30-17-0	105	25	7.0	92
DAP 60-17-0	113	26	8.0	90
DAP 90-17-0	117	26	9.0	89

*** Indicate difference significantly at 0.05, and 0.01 levels
respective;y. CV % 5.0, 11.0 and 21.0

Table : S14 File : 1044 Name: Akantu Lawrence Abi
Crop : Sorghum Country: Ghana
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 4)

Treat- ments	50% Flower (days)	Plant Height (cm)	1000 Grain Weight (g)	Grain Yield (kg/ha)
A918	64	135	17	480
A921	71	145	18	639
A922	63	150	16	178
A925	64	136	23	299
A927	58	152	25	971
CSR9	54	156	19	1367
SEM (±)	1.98	5.10	2.11	162.18
C.V. (%)	3	8	29	33

Table : S15 File : 989 Name : Vasquez, Jorge S Puentes
Crop : Sorghum Country: Guatemala
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 4)

Treat- ments	Head Length	Shootfly Incidence	Stemborer Incidence	Earheads Harvested
	(cm)	(%)	(%)	(000/ha)
CSH6	18	4	2	46
CSH9	21	5	3	48
SPV 351	21	7	4	34
SPV 386	23	6	4	43
SPH 221	24	2	1	78
SPH 225	19	6	2	53
SEM (+)	1.50	0.84	0.47	7.06
C.V. (%)	14	36	38	28

Table : S16 File : 989 Name : Vasquez, Jorge S Puen
Crop : Sorghum Country: Guatemala
Title : Fertilizer by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments	Flowering 50%	Plant Height	Panicle Length	Panicles Harvested	Grain Yield	1000 Grain
	(days)	(cm)	(cm)	(000/ha)	(kg/ha)	(g)
Factor						
SPH 225	60	190	26	114	3905	20
CSH 9	60	167	27	122	3495	19
SEM (+)	0.65	2.30	0.58	6.75	200.69	0.26
Factor						
40 kg N	61	179	28	118	3543	19
60 kg N	59	187	27	131	4038	19
80 kg N	61	176	29	123	3725	20
100 kg N	61	176	26	106	3493	19
SEM (+)	0.92	3.25	0.81	9.55	283.82	0.37
Interaction						
SEM AxB (+)	1.30	4.59	1.15	13.50	401.39	0.52
C.V. (%)	4	4	7	19	19	5

Table : S17 File : 985 Name: Balla Diarra
Crop : Sorghum Country: Mali
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 8)

Treat- ments	50% Flower	Plant Height	Heads at Harvest	1000 Grain Weight	Grain Yield	Panicle Diameter	Panicle Length	Leaf Area
	(days)	(cm)	(000/ha)	(g)	(kg/ha)	(cm)	(cm)	(sq.cm)
SPH 221	72	151	40	2	1935	8	33	456
SPH 225	72	150	28	2	1235	7	31	464
SPH 263	73	124	34	2	2015	7	30	457
SPH 264	72	139	32	2	2306	8	30	476
SPH 385	72	131	36	2	2092	7	34	480
CSH9	76	140	31	2	1244	7	30	483
SEM (+)	1.65	3.61	3.51	0.10	222.81	0.47	0.82	31.44
C.V. (%)	5	5	21	11	25	13	5	13

Table : S18 File : 091 Name: Cishahayo David
Crop : Sorghum Country: Rwanda
Title : Sorghum mold resistance variety trial
Summary of Selected Characters (Number: 9)

Treat- ments	50% Flower	Plant Height	Heads at Harvest	1000 Grain Weight	Grain Yield	Shoot fly Incidence	Panicle Length	Leaf Area	Grain Mold Score
	(days)	(cm)	(000/ha)	(g)	(kg/ha)	(%)	(cm)	(sq.cm)	(*)
TRS01	70	193	69	1	1516	30	31	382	6
TRS05	67	146	110	2	2254	17	23	396	5
IS 620	57	175	111		1822	30	19	239	2
IS 2454	63	186	89	2	2466	36	27	317	2
IS 402	57	135	78	2	2081	40	27	269	5
CSH9	67	159	112	2	3145	19	29	445	3
SEM (+)	0.62	3.15	9.03	0.07	292.68	2.06	0.67	17.33	0.57
C.V. (%)	2	4	19	7	26	15	5	10	36

Table : S19 File : 991 Name : Gishahyo David
Crop : Sorghum Country: Rwanda
Title : Sorghum fertilizer by varietal trial
Summary of Selected Means and Data (Number: 9)

Treat- ments	Flowering 50%	Plant Height	Leaf Panicles Area Harvested	Grain Yield	1000 Seed Weight	Plant Diameter	Head Length	Head Breadth
	(days)	(cm)	(sq.cm)	(000/ha)	(kg/ha)	(g)	(cm)	(cm)
Factor								
CSH9	67	158	424	106	2678	2	2	26
SPH 221	65	172	447	111	3015	2	2	27
SEM (+_)	0.32	1.34	6.60	3.98	175.86	0.03	0.04	0.24
Factor								
30-17-0	65	162	414	104	2320	2	2	26
60-17-0	66	166	445	112	3019	2	2	27
90-17-0	66	166	448	109	3200	2	2	28
SEM (+_)	0.40	1.64	8.08	4.88	215.39	0.03	0.04	0.29
Interaction								
SEM AxB (+_)	0.56	2.32	11.43	6.90	304.60	0.05	0.06	0.41
C.V. (%)	2	3	5	13	21	5	7	3

Table : S20 File : 1009 Name : Ahmed Mohamed Jimale
Crop : Sorghum Country: Somalia
Title : Sorghum fertilizer by varietal trial
Summary of Selected Means and Data (Number: 7)

Treat- ments	50% Flower	Panicle Length	Plant Height	Grain Yield	1000 Grain Weight	Heads Harvest	Leaf Area
	(days)	(cm)	(cm)	(kg/ha)	(g)	(000/ha)	(sq.cm)
Factor							
60-17-0	0	76	23	128	800	2	55
90-17-0	0	75	23	126	650	2	54
SEM (+_)	ERR	0.73	0.74	2.25	101.23	0.07	3.34
Factor							
SPH 351	0	75	23	134	669	2	46
SPH 475	0	77	22	125	895	2	68
A918	0	76	24	122	610	2	49
SEM (+_)	ERR	0.89	0.91	2.75	123.98	0.08	4.09
Interaction							
SEM AxB (+_)	ERR	1.26	1.29	3.89	175.34	0.12	5.79
C.V. (%)	ERR	3	11	6	48	14	21

Table : S21 File : 1009 Name : Jimale, Ahmed Mohamed
Crop : Sorghum Country: Somalia
Title : Sorghum population by varietal trial
Summary of Selected Means and Data (Number: 7)

Treat- ments		50% Flower (days)	Panicle Length (cm)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)	Heads Harvest (000/ha)	Leaf Area (sq.cm)
Factor								
150,000/ha	0	71	25	141	1348	2	53	410
200,00/ha	0	70	24	141	1364	2	56	403
SEM (+)	ERR	0.52	0.46	1.93	132.42	0.07	4.14	11.47
Factor								
SPH 225	0	70	25	152	1198	2	56	401
SPH 263	0	71	25	130	1244	2	45	423
CSH9	0	70	24	141	1625	2	62	397
SEM (+)	ERR	0.64	0.56	2.36	162.18	0.09	5.07	14.05
Interaction								
SEM AxB (+)	ERR	0.90	0.79	3.34	229.36	0.12	7.17	19.87
C.V. (X)	ERR	3	7	5	34	12	26	10

Table : S22 File : 1019 Name: Riza, Solomon Paul
Crop : Sorghum Country: Tanzania
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 7)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield Weight (kg/ha)		Panicle Length (cm)	Leaf Area (sq.cm)
SPH 221	54	168	87	2	3109	0	31	513
SPH 225	56	180	75	2	2885	0	30	523
SPH 263	56	143	73	2	2530	0	29	507
SPH 264	51	168	96	2	3129	0	30	453
SPH 349	55	143	81	2	2597	0	34	587
CSH9	57	145	82	2	2420	0	27	429
SEM (+)	0.66	3.61	5.84	0.06	282.33	ERR	1.00	22.18
C.V. (%)	2	5	14	6	20	ERR	7	9

Table : S23 File : 1019 Name : Hlm, R.P.
 Crop : Sorghum
 Title : Sorghum fertilizer by varietal trial
 Summary of Selected Means and Data (Number: 7)

Treat-	50Z	Plant	Height	Harvested	Grain	1000	Plant	Head	Leaf
ments	Flower	Height	Harvest	at	Yield	Grain	Weight	Length	Area
	(days)	(cm)	(000/ha)	(kg/ha)		(g)	(cm)	(sq.cm)	
Factor	30-17-0	63	148	68	1401	2	26	499	
60-17-0	62	148	57	1388	2	26	501		
SEM (+)	0.34	2.81	3.92	100.50	0.07	0.45	16.81		
Factor	A918	61	138	69	1613	2	23	509	
A922	63	153	65	1137	2	27	538		
A921	63	154	53	1434	2	21	454		
SEM (+)	0.41	3.44	4.80	123.08	0.08	0.55	20.59		
Interaction	SEM Add (+)	0.58	4.86	6.78	174.06	0.12	0.77	29.12	
C.V. (%)	2	7	22	25	14	7	12		

Table : S24 File : 1020 Name : Tesha, P.P.H.
 Crop : Sorghum
 Title : Sorghum varietal trial
 Summary of Selected Characters (Number: 7)

Treat-	50Z	Plant	Height	Harvest	Grain	1000	Head	Leaf
ments	Flower	Height	at	Yield	Grain	Weight	Length	Area
	(days)	(cm)	(000/ha)	(kg/ha)		(g)	(cm)	(sq.cm)
SFH 225	58	181	72	2766	24	30	540	
MA9-2819	59	159	58	1878	23	28	476	
SFH 221	57	164	81	2616	19	29	487	
SFH 264	54	161	84	3250	24	27	474	
SFH 349	57	141	77	2663	21	32	466	
CSH9	57	161	84	3000	21	26	477	
SEM (+)	1.13	4.35	6.95	372	0.87	0.94	38.70	
C.V. (%)	4	5	18	28	8	7	16	

Table : S25 File : 1029 Name : Al-Sharai, Ali Abdul
Crop : Sorghum Country: North Yemen
Title : Sorghum fertilizer by varietal trial
Summary of Selected Means and Data (Number: 5)

Treat- ments		Plant Height (cm)	Panicle Length (cm)		Grain Yield (kg/ha)	1000 Grain Weight (g)	Leaf Area (sq.cm)
Factor							
30-17-0	0	131	24	0	1654	19	355
60-17-0	0	129	24	0	1683	19	377
SEM (+_)	ERR	3.16	0.63	0.00	186.88	0.48	14.58
Factor							
SPV 351	0	141	26	0	1940	18	348
A927	0	130	22	0	1660	21	342
A918	0	119	24	0	1406	17	408
SEM (+_)	ERR	3.87	0.77	0.00	228.88	0.59	17.85
Interaction							
SEM AxB (+_)	ERR	5.48	1.09	0.00	323.69	0.83	25.25
C.V. (%)	ERR	8	9	ERR	39	9	14

Table : S26 File : 1008 Name : Ms. Chungu, Chibwe
Crop : Sorghum Country: Zambia
Title : Sorghum plant densities by varietal trial
Summary of Selected Means and Data (Number: 7)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Panicle Length (cm)	Panicles Harvested Weight (000/ha)	Grain Yield (kg/ha)	1000 Seed Weight (g)	Threshing Score (%)
Factor							
A922	77	135	28	52	755	2	53
A918	76	122	24	65	1432	2	75
SEM (+_)	0.67	3.06	0.71	4.92	131.38	0.07	4.10
Factor							
100,000/ha	77	132	26	57	1024	2	59
125,000/ha	77	128	27	52	1043	2	64
150,000/ha	76	126	25	67	1213	2	69
SEM (+_)	0.82	3.75	0.87	6.03	160.91	0.09	5.02
Interaction							
SEM AxB (+_)	1.16	5.30	1.23	8.53	227.56	0.13	7.10
C.V. (%)	3	8	10	29	42	12	22

Table : S27 File : 1029 Name: Ali-Gharai, Ali Abdal
Crop : Sorghum Country: North Yemen
Title : Sorghum population cycles trial
Summary of Selected Characters (Number: 4)

Treat- ments	Plant Height (cm)	1000 Grain Weight (g)	Grain Yield (g/10 heads)	Panicle Length (cm)
US/R C0	144	24	210	25
US/R C1	135	23	250	26
US/R C2	136	24	340	27
US/R C3	156	23	300	26
US/R C4	136	21	290	24
US/R C5	134	21	250	23
SEM (+)	7.98	1.62	16.12	0.76
C.V. (%)	11	14	12	6

Table : S28 File : 995 Name: Tatoloun, Ndoubakoi
Crop : Sorghum Country: Chad
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 4)

Treat- ments		Plant Height (cm)	Panicle Length (cm)	Grain Yield (kg/ha)	1000 Seed Weight (g)
CSH6	0	158	26	2175	19
SPH 263	0	133	27	1813	18
SPH 349	0	138	31	2443	18
SPV 615	0	168	19	495	18
SPV351	0	164	29	2015	18
A921	0	159	22	655	16
SEM (+)	ERR	2.14	0.62	191.17	0.61
C.V. (%)	ERR	3	5	24	7

Table : 829 File : 1032 Name: Tarakagne, Kiflu
Crop : Sorghum Country: Ethiopia
Title : Sorghum Varietal trial
Summary of Selected Characters (Number: 8)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Leaf Area (sq.cm)	Panicle Length of panicle (cm)	Days to Maturity
SPH 225	89	152	89	21	1499	373	24	106
SPH 349	89	130	112	20	2114	398	22	107
SPV 221	88	155	107	20	1886	404	24	105
SPV 386	93	179	60	18	705	315	21	111
SPV 475	96	131	77	15	535	347	22	111
SPV 615	104	157	61	16	207	365	18	113
SEM (+)	0.87	4.08	5.32	0.93	149.11	24.98	0.86	1.15
C.V. (%)	2	5	13	10	26	14	8	2

Table : S30 File : 1032 Name : Tarakagne, Kiflu
Crop : Sorghum Country: Ethiopia
Title : Sorghum plant densities by varietal trial
Summary of Selected Means and Data (Number: 9)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Panicles Harvested (000/ha)	Thousand Seed (g)	Grain Yield Weight (kg/ha)	Shootfly Incidence Weight (%)	Leaf Area (sq.cm)	Days to Maturity	Panicle Length (cm)
Factor									
CSH9	73	141	58	21	1132	55	433	108	24
CSH6	63	141	73	21	1482	50	332	100	24
SEM (+)	0.65	1.79	5.79	0.47	130.58	3.46	10.69	0.25	0.28
Factor									
100,000/ha	68	138	55	21	1290	65	405	104	24
150,000/ha	67	142	65	22	1389	47	377	105	25
200,000/ha	68	141	76	21	1243	46	366	104	23
SEM (+)	0.80	2.19	7.09	0.58	159.92	4.23	13.09	0.31	0.35
Interaction									
SEM AxB (+)	1.13	3.10	10.03	0.82	226.17	5.99	18.51	0.44	0.49
C.V. (%)	3	4	31	8	35	23	10	1	4

Table : S31 File : 1030 Name: Liben, Mirale
Crop : Sorghum Country: Ethiopia
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flowering (days)	Plant Height (cm)	Heads at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield Weight (kg/ha)	Panicle Length (cm)
SPH 221	83	139	61	17	545	24
A 918	77	136	54	16	720	24
SPH 263	70	131	83	18	1650	24
SPH 349	70	131	74	18	1623	27
SPV 615	84	158	43	16	298	25
SPH 264	69	146	82	22	1470	23
SEM (+)	1.83	2.23	7.92	1.08	204.79	0.70
C.V. (%)	5	3	24	12	39	6

Table : S32 File : 1030 Name : Liben, Mirale
Crop : Sorghum Country: Ethiopia
Title : Sorghum plant densities by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Panicle Length (cm)	Panicles Harvested (000/ha)	Grain Yield (kg/ha)	1000 Seed Weight (g)
Factor						
CSH6	73	153	25	74	1681	24
CSH9	77	150	25	70	1473	25
SEM (+)	2.02	1.43	0.50	5.48	188.27	0.51
Factor						
90,000/ha	75	152	26	45	1363	25
150,000/ha	78	152	24	76	1595	24
210,000/ha	73	151	24	94	1774	25
SEM (+)	2.47	1.75	0.61	6.72	230.59	0.62
Interaction						
SEM AxB (+)	3.50	2.48	0.86	9.50	326.10	0.88
C.V. (%)	9	3	7	27	41	7

Table : S33 File : 1031 Name : Makpih, Ambrose B.A.
Crop : Sorghum Country: Ghana
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 7)

Treat- ments	50% Flower (days)	Plant Height (cm)	Grain Yield (kg/ha)	Earheads Harvested (000/ha)	1000 Grain Weight (g)	Panicle Wet Weight (kg/ha)	Panicle Dry Weight (kg/ha)
CSH9	58	154	1727	28	18	2383	2427
SPH 264	55	150	1858	27	21	2795	2434
SPH 263	62	127	1940	28	23	2711	2322
SPV 615	73	157	105	21	23	667	434
SPH 221	56	156	1566	26	19	2667	2167
A925	70	120	449	26	22	1000	778
SEM (+)	2.38	5.29	256.45	3.50	1.44	444.70	330.42
C.V. (%)	8	7	40	27	14	44	38

Table : S34 File : 1001 Name : Diane, Mohamed Lamine
Crop : Sorghum Country: Guinea
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 5)

Treat- ments	Plant Height (cm)	Panicle Length (cm)	Panicles Harvested (000/ha)	Grain Yield (kg/ha)	1000 Grain Weight (g)
CSH9	145	20	42	1255	20
SPH 349	135	25	51	2105	19
A 927	144	18	35	1370	21
SPH 386	178	19	37	903	18
SPH 225	161	22	41	1506	20
SPH 264	157	22	178	2088	22
SEM (+)	4.77	1.29	51.90	266.88	0.66
C.V. (%)	6	12	163	35	7

Table : S35 File : 987 Name : M'baye, Diallo Mamadou
Crop : Sorghum Country: Mauritania
Title : Sorghum fertiliser by varietal trial
Summary of Selected Means and Data (Number: 9)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	1000 Panicles Grain Harvested Weight (g) (000/ha)	Grain Yield (kg/ha)	Panicle Length (cm)	Panicle Width (cm)	Plant Stand (000/ha)	Leaf Area (sq.cm)
Factor								
60 N	67	167	19	86	2733	.26	6	496
90 N	67	171	19	86	2873	.27	6	487
SEM (+_)	0.33	1.45	0.48	4.45	113.03	0.71	0.19	14.75
Factor								
CSH9	67	160	20	80	2800	.26	6	530
SPV 35	68	165	18	86	2598	.27	6	434
SPH 225	66	183	20	92	3011	.27	6	510
SEM (+_)	0.40	1.78	0.58	5.46	138.44	0.87	0.23	18.06
Interaction								
SEM AxB (+_)	0.57	2.51	0.83	7.72	195.78	1.22	0.33	25.54
C.V. (%)	2	3	9	18	14	9	12	10

Table : S36 File : 1015 Name: Almojuela, Jose Sanchez Y
Crop : Sorghum Country: Philippines
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 8)

Treat- ments	Leaf Area (sq.cm)	Plant Height (cm)	Panicle Length (cm)	Panicle Diameter (cm)	Fresh Weight of heads (kg/plot)	Final Weight of heads (kg/plot)	Grain Yield (kg/ha)	1000 Seed Weight (g)
CSH6	359	160	23	4	2	2	2500	20
CSH9	393	158	25	5	2	2	2667	21
SPV 351	328	168	27	4	2	1	2556	21
SPH 221	440	178	30	5	2	2	2833	23
SPV 475	386	156	24	4	1	1	1206	13
MA-9 MR819	348	161	26	4	2	2	2917	22
SEM (+-)	22.80	4.07	0.91	0.25	0.11	0.10	210.91	2.03
C.V. (%)	12	5	7	12	12	13	17	20

Table : S37 File : 1023 Name : Ahmed, Hagi Shakh
Crop : Sorghum Country: Somalia
Title : Sorghum fertilizer by varietal trial
Summary of Selected Means and Data (Number: 8)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Panicle Length (cm)	Panicles Harvested (000/ha)	Grain Yield (kg/ha)	1000 Seed Weight (g)	Dry Weight (kg/ha)	Leaf Area (sq.cm)
Factor								
60 N	62	160	22	71	1994	18	3152	355
120 N	64	161	23	72	2494	18	3569	348
SEM (+_)	0.70	2.74	0.51	4.46	144.32	0.36	178.71	12.88
Factor								
CSH6	62	159	23	73	2190	18	3219	330
CSH9	63	158	23	66	1874	19	3128	366
SPH 221	64	163	22	75	2669	18	3733	360
SEM (+_)	0.86	3.36	0.63	5.47	176.75	0.44	218.87	15.78
Interaction								
SEM AxB (+_)	1.22	4.75	0.89	7.73	249.96	0.62	309.54	22.32
C.V. (%)	4	6	8	22	22	7	18	13

Table : S38 File : 1033 Name : Ibrahim, Omer H.E.Rasoul
Crop : Sorghum Country: Sudan
Title : Sorghum plant density by varietal trial
Summary of Selected Means and Data (Number: 9)

Treat- ments	Threshing (%)	Plant Height (cm)	Head Length (cm)	Head Width (cm)	Grain Yield (kg/ha)	1000 Seed Weight (g)	Dry Weight (kg/ha)	Fresh Weight (kg/ha)	Heads Harvested (000/ha)
Factor									
CSH9	70	154	20	5	2608	17	3717	4475	135
A927	73	161	20	5	2950	21	4017	4975	143
SEM (+_)	1.54	2.42	0.36	0.12	134.71	0.49	193.79	242.25	1.99
Factor									
100,000/ha	71	158	21	5	2550	20	3600	4325	93
150,000/ha	71	160	20	5	2875	19	4038	5000	139
200,000/ha	73	156	18	4	2913	19	3963	4850	186
SEM (+_)	1.88	2.96	0.44	0.15	164.98	0.60	237.35	296.69	2.44
Interaction									
SEM AxB (+_)	2.66	4.19	0.62	0.22	233.32	0.85	335.66	419.59	3.45
C.V. (%)	7	5	6	9	17	9	17	18	5

Table : 839 File : 998 Name : Lomodo, Mogga James
 Crop : Sorghum Country: Sudan
 Title : Sorghum varietal trial
 Summary of Selected Characters (Number: 8)

Treat- ments	50% Shootfly Flower Incidence (days)	Plant Height at boot (cm)	Plant Height at harvest (cm)	Plants at Harvest (000/ha)	Heads at Harvested (000/ha)	1000 Seed Weight of grains (g)	Dry Weight (kg/ha)
CSH6	60	16	90	150	106	82	2083
CSH9	70	16	120	155	104	97	2077
SPV 351	72	23	125	151	89	70	1364
SPV 386	74	22	165	194	80	69	880
SPH 221	66	15	133	161	104	100	2111
SPH 225	71	21	130	165	98	92	1767
SEM (+)	1.49	4.09	2.90	2.67	8.11	8.13	0.66 252.91
C.V. (%)	4	44	5	3	17	19	7 30

Table : 940 File : 998 Name : Lomodo, Mogga James
 Crop : Sorghum Country: Sudan
 Title : Sorghum variability/competition trial.
 Summary of Selected Means and Data (Number: 9)

Treat- ments	Flowering 50% (days)	Plant Height @40 Days (cm)	Plant Height @55 days (cm)	Plant Height at harvest (cm)	Dry Weight of Grains (kg/ha)	Largest Leaf Area (sq.cm)	Flag Leaf Area (sq.cm)	Heads Harvested (000/ha)	Plants Harvested (000/ha)
Factor									
SPV 475	78	66	102	125	76	301	133	46	72
CSH 9	70	73	106	140	190	283	111	61	76
CSH 6	61	73	125	145	977	259	120	61	76
SPV 386	77	65	111	154	128	254	125	44	69
SEM (+)	0.98	1.18	2.39	2.78	46.10	10.23	6.06	2.60	2.54
Factor									
Single Row	72	68	109	137	322	275	126	50	70
Double Row	71	71	116	144	360	276	121	53	74
Four Row	73	69	109	141	347	271	120	57	76
SEM (+)	0.85	1.02	2.07	2.40	39.93	8.86	5.25	2.25	2.20
Interaction									
SEM AxB (+)	1.70	2.05	4.14	4.81	79.85	17.71	10.49	4.51	4.40
C.V. (%)	5	6	7	7	47	13	17	17	12

w

Table : 841 File : 1018 Name: Kongo, Edith C.S.
Crop : Sorghum Country: Tanzania
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at Harvest (000/ha)	1000 Seed Weight (g)	Grain Yield (kg/ha)	Panicle Length (cm)
CBH6	62	143	76	21	1960	21
CBH9	68	140	56	20	1350	21
SPV 475	76	138	69	17	850	21
SPV 615	87	143	63	12	205	17
SPH 263	70	125	70	20	1188	21
SPH 264	64	150	67	23	2168	19
SEM (+)	1.15	3.68	8.72	0.52	201.87	1.01
C.V. (%)	3	5	26	5	31	10

Table : 842 File : 1043 Name: Ms. Leonidas, Caroline K.M.
Crop : Sorghum Country: Tanzania
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments		Plant Height (cm)	Heads at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Stand After Thinning	Panicle Length (cm)
TRS 01	0	174	64	15	915	102	24
TRS 05	0	151	68	16	1095	114	21
IS 620	0	181	63	17	1045	117	26
IS 6335	0	160	93	17	1343	90	22
IS 9308	0	168	60	16	738	95	25
IS 2453	0	146	56	18	965	97	21
SEM (+)	ERR	9.27	11.60	0.90	179.56	10.09	1.23
C.V. (%)	ERR	11	35	11	35	20	11

Table : 843 File : 1043 Name: Mr. Leonidas, Caroline E.M.
Crop : Sorghum Country: Tanzania
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 4)

Treat- ments		Plant Height (cm)	Nodes at Harvest (000/ha)	Grain Yield (kg/ha)	1000 Grain Weight (g)
ICH 402	0	109	78	895	18
ICH 620	0	148	105	1313	12
IS 2453	0	149	113	1618	13
IS 6335	0	178	95	1715	12
IS 8219	0	131	88	1285	15
IS 05	0	108	85	948	21
SEM (+)	0.00	9.06	12.66	231.94	0.67
C.V. (%)	0.00	13	27	39	9

Table : 844 File : 1025 Name : Mgumotzi, Mathews
Crop : Sorghum Country: Botswana
Title : Weed control trial in sorghum
Summary of Selected Characters (Number: 9)

Treat- ments	Dry matter of weeds @ 25 DAP (kg/ha)	Dry matter of weeds @ 40 DAP (kg/ha)	Dry matter of weeds @ 55 DAP (kg/ha)	50% Flower (days)	Leaf Area (sq.cm)	Plant Height (cm)	Panicle Length (cm)	Panicles Harvested (000/ha)	Grain Yield (kg/ha)
No weeding	25	69	166	78	282	126	16	39	933
W 25 DAB	27	23	72	75	372	146	22	58	2623
25,40 DAB	29	21	24	71	409	178	24	83	4073
25,40,55 D	27	26	32	73	418	184	24	74	3545
80 1	9	52	131	72	370	158	21	73	3290
80 2	6	39	111	74	417	163	22	58	2420
SEM (+)	2.23	3.36	6.44	0.51	27.67	7.97	0.56	3.96	427
C.V. (%)	22	18	14	1	15	10	5	12	30

Table : S45 File : 1038 Name : Gao, Jin-Wen
Crop : Sorghum (Verticil) Country: China
Title : Sorghum fertilizer trial
Summary of Selected Means and Data (Number: 4

Treat- ments	50% Flower (days)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)
Factor				
20 P	69	152	3020	17
40 P	69	156	3452	17
SEM (+_)	0.31	1.82	44.53	0.31
Factor				
30 N	68	140	2647	16
60 N	70	159	3198	16
90 N	70	163	3862	18
SEM (+_)	0.38	2.23	54.54	0.38
Interaction				
SEM AxB (+_)	0.54	3.15	77.14	0.53
C.V. (%)	2	4	5	6

Table : S46 File : 1038 Name : Gao Jin Wen
Crop : Sorghum (Alfied) Country: China
Title : Sorghum fertilizer trial
Summary of Selected Means and Data (Number: 4

Treat- ments	50% Flowering (days)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)
Factor				
20 P	66	135	2869	19
40 P	66	143	3003	20
SEM (+_)	0.46	3.17	132.63	0.73
Factor				
30 N	61	124	2516	19
60 N	68	138	2757	20
90 N	69	155	3534	20
SEM (+_)	0.56	3.89	162.44	0.89
Interaction				
SEM AxB (+_)	0.79	5.50	229.73	1.26
C.V. (X)	2	8	16	13

Table : 847 File : 990 Name : Throuhin, Maliam
Crop : Sorghum Country: Niger
Title : Sorghum varietal by fertilizer trial
Summary of Selected Means and Data (Number: 5

Treat- ments	Flowering 30% (days)	Plant Height (cm)	Panicles Harvested (000/ha)	Grain Yield (kg/ha)	1000 Grain Weight (g)
Factor					
SPV 475	71	156	78	1543	16
SPH 221	59	200	111	2694	17
SEM (+)	0.47	6.30	7.14	116.81	0.24
Factor					
0 N kg/ha	65	178	103	2125	16
40 N kg/ha	65	182	101	2129	17
80 N kg/ha	65	175	80	2101	17
SEM (+)	0.58	7.72	8.75	143.06	0.30
Interaction					
SEM AxB (+)	0.82	10.91	12.37	202.32	0.42
C.V. (%)	3	12	26	19	5

Table : 848 File : 981 Name : Kebe, Chaikh
Crop : Sorghum Country: Senegal
Title : Sorghum varietal and plant density trial
Summary of Selected Means and Data (Number: 5

Treat- ments	Panicle Length (cm)	Plant Height (cm)	Panicles Harvested (000/ha)	Thousand Seed Weight (g)	Grain Yield (kg/ha)
Factor					
SPV 351	23	145	67	21	20
SPH 221	23	149	97	21	27
SEM (+)	0.81	2.86	5.53	0.29	0.81
Factor					
100,000/ha	26	156	68	20	25
150,000/ha	22	146	86	21	24
200,000/ha	21	138	91	21	21
SEM (+)	0.99	3.50	6.77	0.36	0.99
Interaction					
SEM AxB (+)	1.40	4.95	9.57	0.50	1.40
C.V. (%)	12	7	23	5	12

Table : 849 File : 967 Name : Lavanani, Pongpak
Crop : Sorghum Country: Thailand
Title : Sorghum fertilizer by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments			Panicle Length (cm)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)	Heads Harvest (000/ha)	Leaf Area (sq.cm)
Factor								
60 N	0	0	27	162	3499	30	61	388
120 N	0	0	29	158	3177	33	50	470
SEM (+_)	ERR	ERR	0.53	3.01	489.80	0.55	4.77	14.49
Factor								
SPV 351	0	0	30	154	3283	30	52	393
SPV 386	0	0	25	174	2903	31	55	448
SPH 221	0	0	29	151	3829	33	59	446
SEM (+_)	ERR	ERR	0.65	3.69	599.88	0.67	5.84	17.75
Interaction								
SEM AxB (+_)	ERR	ERR	0.92	5.21	848.36	0.95	8.25	25.10
C.V. (%)	ERR	ERR	7	7	51	6	30	12

Table : S50 File : 1048 Name : Hamed, Abdel Mannan Saleh
Crop : Sorghum Country: Sudan
Title : Sorghum plant densities by varietal trial
Summary of Selected Means and Data (Number: 3)

Treat- ments	Dry Weight (q/ha)	Leaf Area (sq.cm)	Heads Harvested (000/ha)
Factor			
150,000/ha	45	33	25
175,000/ha	47	36	23
SEM (+_)	7.51	3.42	2.94
Factor			
SPV 475	38	36	18
SPV 386	48	39	25
SPH 221	52	28	29
SEM (+_)	9.19	4.19	3.60
Interaction			
SEM AxB (+_)	13.00	5.93	5.09
C.V. (%)	49	30	37

Table : S51 File : 1052 Name: Mohamed, Yahya N Haji
Crop : Sorghum Country: Somalia
Title : Sorghum varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	Panicle Length (cm)	Plant Height (cm)	Heads at Harvest (000/ha)	Grain Yield (kg/ha)	Leaf Area (sq.cm)	50% Flower (days)
CS85	25	156	40	2598	414	70
CS89	29	158	44	3175	479	55
SPH 263	25	152	34	2542	378	69
SPV 475	25	132	29	1207	406	70
MA10 MB819	24	142	36	2188	366	73
A922	24	142	20	672	397	71
SDH (←)	0.79	0.74	1.84	186.62	10.71	6.55
C.V. (%)	6	1	11	18	5	19

PEARL MILLET

Table : P48 File : 1026 Name: Mggoroni, Michael
Crop : Pearl millet Country: Botswana
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 7)

Treat- ments	902 Flower (days)	Plant Height (cm)	Head Length (cm)	Panicle Diameter (cm)	1000 Seed Weight (g)	Heads Harvested (000/ha)	Grain Yield (kg/ha)
ICH 440	54	196	22	2	5	191	1928
ICH 446	52	186	24	1	5	263	2313
ICH 447	50	188	22	2	4	260	1643
ICH 448	53	189	22	2	4	242	1760
MHR 110	45	178	21	3	6	261	1998
IK 560	51	175	20	2	4	261	1788
SEM (+)	0.37	2.43	0.39	0.06	0.39	7.86	226.61
C.V. (%)	1	3	4	6	16	6	24

Table : P42 File : 993 Name : Benjamin, Kyelem
Crop : Pearl millet Country: Burkina Faso
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 5)

Treat- ments		Plant Height Area (cm)	Earheads Harvested (000/ha)	1000 Grain weight (g)	Grain Yield plant (kg/ha)	Panicle Length (cm)
WC-C75	0	191	200	5	1244	22
IC8B 7703	0	191	193	4	907	20
IC8B 7704	0	196	195	5	1427	24
ICH 440	0	193	207	4	1699	20
ICH 446	0	177	252	5	2055	22
ICH 447	0	185	258	5	1882	21
SEM (+)	ERR	2.46	17.80	0.36	202.93	0.77
C.V. (%)	ERR	3	16	15	26	7

Table : PG File : 1044 Name : Akantu, Lawrence Abi
Crop : Pearl millet Country: Ghana
Title : Pearl millet fertilizer by varietal trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Tiller Number	Thousand Seed Weight (g)	Grain Yield (kg/ha)
Factor					
60-17-0	46	205	3	6	1130
90-17-0	47	207	4	6	1180
SEM (+)	0.43	2.75	0.32	0.23	80
Factor					
IONB 7703	47	210	4	6	1140
IONB 7704	44	204	4	6	1220
IONB 7835	48	205	4	6	1110
SEM (+)	0.53	3.37	0.39	0.28	100
Interaction					
SEM AxB (+)	0.74	4.77	0.56	0.40	140
C.V. (%)	3	5	30	14	24

Table : PM File : 985 Name: Balla Diarra
Crop : Pearl millet Country: Mali
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 8)

Treat- ments	50% Flower (days)	Plant Height (cm)	Head Length (cm)	Number Leaves/ Plant	1000 Seed Weight (g)	Heads Harvested (000/ha)	Grain Yield (kg/ha)	Leaf Area (sq.cm)
IONB 7703	47	189	23	10	5	94	1083	202
IONB 7704	52	198	28	11	5	82	1358	255
IONB 7835	49	182	23	10	5	88	1210	180
G73-K77	50	136	31	11	4	86	849	219
NELC P79	50	183	26	11	5	91	1328	237
WC-C75	48	183	23	11	5	85	1819	191
SEM (+)	0.64	6.13	0.81	0.44	0.30	2.55	130.57	12.93
C.V. (%)	3	7	6	8	12	6	20	12

Table : F06 File : 1013 Name : Sackitoy, Charles Nnam
Crop : Pearl millet Country: Nigeria
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 7)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at harvest (000/ha)	1000 Grain weight (g)	Grain Yield (kg/ha)	Panicle Length (cm)	Number of Tillers
ICMB 7703	36	184	105	5	610	23	5
ICMB 7704	54	176	100	5	750	25	5
NELC F79	52	186	98	5	610	23	6
G73-K77	52	130	99	5	590	26	8
ICMB 7835	49	185	102	7	690	23	6
WC-C75	50	190	100	5	690	24	7
SEM (+)	4.93	1.19	1.65	0.09	20	0.47	0.17
C.V. (%)	20	1	3	3	8	4	6

Table : F06 File : 1013 Name : Sackitoy, Charles K
Crop : Pearl millet Country: Nigeria
Title : Pearl millet plant densities by varietal trial
Summary of Selected Means and Data (Number: 7)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Panicles Harvested (000/ha)	Panicle Length (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)	Tiller Number (per/plant)
Factor							
ICH 448	49	189	107	22	835	4	6
IK 560	47	183	126	22	760	5	6
SEM (+)	0.14	0.77	2.41	0.25	16.85	0.05	0.21
Factor							
120,000/ha	48	186	107	22	859	5	6
150,000/ha	48	185	120	22	734	5	7
180,000/ha	48	186	121	22	798	5	6
SEM (+)	0.17	0.94	2.95	0.31	20.63	0.06	0.26
Interaction							
SEM AB (+)	0.25	1.33	4.18	0.43	29.18	0.08	0.37
C.V. (%)	1	1	7	4	7	3	12

Table : PM7 File : 1045 Name: Mammi Jinadu
Crop : Pearl millet Country: Nigeria
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 8)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at Harvest (000/ha)	Grain Yield (kg/ha)	1000 Grain Weight (g)	Panicle Length (cm)	Seedling Vigour	Emergence Score (%)
ICH 440	48	195	217	1146	3	21	6	6
ICH 446	46	183	268	1990	5	23	7	5
ICH 447	46	179	231	1816	5	23	5	3
ICH 448	46	186	233	1395	4	21	6	4
MBH 110	41	183	209	1514	4	22	5	5
BN 560	44	185	265	1551	4	21	7	4
SEM (←)	0.57	2.09	13.52	158.73	0.35	0.58	0.49	0.48
C.V. (%)	3	2	11	20	17	5	17	22

Table : PM8 Code : 1045 Name: Mammi Jinadu
Crop : Pearl millet Country: Nigeria
Title : Pearl millet plant densities by varietal trial
Summary of Selected Means and Data (Number: 8)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Panicle Length (cm)	Panicles Harvested Weight (000/ha)	Grain Yield (kg/ha)	1000 Seed Weight (g)	Emergence Score (%)	Seedling Vigour (%)
Factor								
120,000/ha	44	204	24	177	2442	7	3	5
180,000/ha	44	201	23	190	2432	7	4	6
SEM (+_)	0.17	1.98	0.47	4.62	242.79	0.18	0.27	0.42
Factor								
WC-C75	46	208	24	168	1992	7	3	5
IPS 7703	44	207	23	181	2432	7	4	5
IPS 7704	44	207	23	202	2776	8	4	6
SEM (+_)	0.21	2.43	0.45	5.68	296.79	0.22	0.33	0.51
Interaction								
SEM AxB (+_)	0.30	3.44	0.63	8.03	419.72	0.32	0.47	0.72
C.V. (%)	1	3	5	9	34	9	26	28

Table : PM9 File : 979 Name: Alioune Beye
Crop : Pearl millet Country: Senegal
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 8)

Treat- ments	Panicle Length (cm)	Plant Height (cm)	Earheads (000/ha)	1000 Grain Weight (g)	Grain Yield Weight (kg/ha)	Drought Resis- tance Score	Lodging (at flower ring)	Lodging (at maturity)
WC-C75	22	214	241	5	1670	3	2	2
ICMB 7703	22	207	229	5	1389	3	2	3
ICMB 7704	26	213	204	6	1819	3	3	2
NELC P79	25	214	228	4	1599	2	2	1
G73-K77	30	128	190	5	1310	3	4	4
ICMB 7835	21	195	217	6	1568	4	4	4
SEM (+)	1.10	7.60	12.42	0.33	187.57	0.29	0.17	0.34
C.V. (%)	9	8	11	12	24	19	12	26

Table : PM10 File : 979 Name : Alioune Beye
Crop : Pearl millet Country: Senegal
Title : Pearl millet fertilizer by varietal trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	Plant Height (cm)	Earhead Length (cm)	Earheads Harvested (000/ha)	Grain Yield (kg/ha)	1000 Grain Weight (g)
Factor					
60-17-0	194	22	288	1382	4
30-17-0	192	21	278	1436	4
SEM (+)	1.42	0.34	7.49	124.39	0.30
Factor					
ICH 440	193	22	235	1763	4
ICH 448	201	22	270	1382	4
IK 560	185	21	345	1082	4
SEM (+)	1.74	0.41	9.17	152.35	0.36
Interaction					
SEM AxB (+)	2.47	0.58	12.97	215.46	0.51
C.V. (%)	3	5	9	31	25

Table : PM11 File : 977 Name: Diop, Abdoulaye Dia
Crop : Pearl millet Country: Senegal
Title : Pearl millet hybrid trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Panicle Length (cm)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Earheads Harvested (000/ha)
ICH 440	57	180	24	4	1736	177
ICH 446	54	173	25	6	1838	183
ICH 447	54	178	24	4	1687	201
ICH 448	56	177	23	5	1605	178
MHH 110	49	184	24	7	1675	130
IK 560	53	173	23	4	1608	225
SEM (←)	0.25	3.10	0.40	0.28	214.92	12.64
C.V. (X)	1	3	3	11	25	14

Table : PM12 File : 977 Name : Abdoulaye Dia Diop
Crop : Pearl millet Country: Senegal
Title : Pearl millet plant densities by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments	50% Flower (days)	Panicle Length (cm)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)	Earheads Harvested (000/ha)
Factor						
180,000/ha	49	23	207	1868	7	176
150,000/ha	54	25	213	1445	5	161
SEM (+_)	0.62	0.58	3.71	75.17	0.19	7.63
Factor						
WC-C75	49	23	217	1628	6	181
ICMS 7703	53	25	202	1709	6	161
ICMS 7704	52	24	211	1633	6	164
SEM (+_)	0.76	0.71	4.84	92.07	0.23	9.35
Interaction						
SEM AxB (+_)	1.07	1.00	6.42	130.20	0.32	13.22
C.V. (X)	4	8	6	16	11	16

Table : PM13 File : 1020 Name: Tasha, Protas P
Crop : Pearl millet Country: Tanzania
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 7)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Lodging Score (%)	Panicle Length (cm)
ICH 440	45	188	176	6	1655	5	21
ICH 446	41	190	243	6	2277	8	495
ICH 447	42	195	252	5	1644	3	21
ICH 448	45	201	217	5	1666	5	20
MEH 110	37	195	180	6	1711	3	21
WC-C75	41	196	194	6	1400	5	21
SEM (+-)	0.48	4.01	8.81	0.38	169.06	1.12	193.85
C.V. (%)	2	4	8	14	20	48	389

Table : PM14 File : 1008 Name : Ms. Chibwe, Changu
Crop : Pearl millet Country: Zambia
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 7)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield Weight (kg/ha)	Tiller Number	Panicle Length (cm)
WC-C75	46	205	187	6	1113	3	22
IQMS 7703	46	201	180	6	1278	4	22
IQMS 7704	49	215	188	6	1586	4	26
TVS 5454	48	198	160	6	1089	3	24
IQMS 7835	48	206	191	7	1649	3	21
NELC P79	51	196	176	5	1163	3	23
SEM (+-)	1.75	3.84	8.84	0.56	176.56	0.24	0.86
C.V. (%)	7	4	10	19	27	16	8

Table : PM15 File : 995 Name : Mdoubaoui Tatchoum
Crop : Pearl millet Country: Chad
Title : Pearl millet fertilizer by varietal trial
Summary of Selected Means and Data (Number: 4)

Treat- ments	Panicle Length (cm)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)
Factor				
17 P	23	150	1660	7
0 P	24	148	1829	7
SEM (+_)	0.66	2.47	100.28	0.19
Factor				
MEH 110	21	173	2374	8
ICMB 7835	21	170	1609	7
G73-K77	29	104	1251	6
SEM (+_)	0.81	3.03	122.82	0.23
Interaction				
SEM AxB (+_)	1.15	4.29	173.69	0.32
C.V. (%)	10	6	20	9

Table : PM16 File : 987 Name: M'bye, Diallo Mamadou
Crop : Pearl millet Country: Mauritania
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 8)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Initial Plant Stand (000/ha)	Panicle Length (cm)	Dry Mat (kg/ha)
WC-C75	48	204	184	6	1600	126	21	2434
MEH 110	45	182	192	7	1925	120	22	2711
IK 560	46	179	232	5	1725	124	19	2633
G73-K77	50	130	174	5	1275	127	29	2434
ICMB 7835	49	189	175	6	1475	124	22	2222
NELC P79	50	193	163	5	1500	120	21	2278
SEM (+-)	0.51	4.61	9.44	0.28	168.33	3.54	1.42	193.02
C.V. (%)	2	5	10	10	21	6	13	16

Table : PM17 File : 795 Name : Marques, Enrique Villalon
Crop : Pearl Millet Country: Mexico
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Panicle length (cm)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Number Panicles Harvested
G73-K-77	50	89	27	5	844	195
IQMS 7835	48	158	21	8	1583	192
WC C75	49	144	21	6	1600	197
IK 560	46	145	20	5	1960	204
MMH 110	39	153	22	6	1483	200
IQMS 7703	45	156	20	7	1290	193
SEM (+)	0.10	4.48	1.31	0.40	137.94	3.45
C.V. (%)	0	6	12	13	19	4

Table : PM18 File : 1018 Name : Konga, Edith C.S.
Crop : Pearl millet Country: Tanzania
Title : Pearl millet varietal by date of planting trial
Summary of Selected Means and Data (Number: 7)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Panicles Harvested (000/ha)	Thousand Seed Weight (g)	Grain Yield (kg/ha)	Dry Heads (kg/plot)	Panicle Length (cm)
Factor							
WC-C75	46	139	74	6	1033	1	18
IQMS 7704	49	140	66	6	939	1	19
SEM (+_)	0.45	3.06	2.85	0.15	79.23	0.04	0.73
Factor							
26 June	47	160	80	7	1308	1	19
1 July	50	156	79	6	1219	1	20
9 July	47	103	51	5	430	0	17
SEM (+_)	0.55	3.75	3.49	0.19	97.04	0.05	0.90
Interaction							
SEM AxB (+_)	0.78	5.30	4.94	0.27	137.23	0.07	1.27
C.V. (%)	3	8	14	9	28	21	14

Table : P019 File : 1043 Name: Ms. Lennidas, Caroline K.M.
Crop : Pearl millet Country: Tanzania
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 9)

Treat- ments	50% flowering (days)	Plant Height (cm)	Heads at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Panicle Length (cm)	Dry Weight of heads (q/ha)	Wet Weight of heads (q/ha)	Stand After Thinning
WC-G75	48	181	168	7	1398	23	26	31	122
MMH 110	45	183	178	7	1438	22	25	28	107
BK 560	46	173	267	6	1728	19	30	33	111
G73-K77	50	130	151	6	966	31	23	30	373
IOB 7835	48	193	174	7	1252	22	24	29	124
IOB 7703	45	204	174	6	1375	27	24	27	124
SEM (+)	0.40	10.47	10.87	0.49	115.07	1.47	1.72	2.18	102.34
C.V. (%)	2	12	12	16	17	12	14	15	128

Table : P020 File : 1024 Name : Synai Masikara
Crop : Pearl millet (BK 50) Country: Botswana
Title : Time of application and levels of nitrogen in pearl millet
Summary of Selected Means and Data (Number: 6)

Treat- ments	Height Boot Stage (cm)	Leaf Area (sq.cm)	Panicle Length (cm)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)
Factor						
40 N	126	152	21	176	1433	4
80 N	123	160	21	171	1450	4
SEM (+)	1.80	3.71	0.34	1.75	106.59	0.14
Factor						
Basal	124	157	20	170	1275	3
Basal+boot in	122	152	21	173	1438	4
Basal+boot in	127	161	21	177	1613	4
SEM (+)	2.21	4.55	0.41	2.14	130.54	0.18
Interaction						
SEM AxB (+)	3.12	6.43	0.59	3.03	184.62	0.25
C.V. (%)	5	8	6	3	26	14

Table : 1922 File : 988 Name : Yogo, Bourkina
Crop : Fani millet Country: Mali
Title : Fani millet variatal by plant density trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	50% Flower (days)	Panicle Length (cm)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)
Factor					
112,000/ha	52	22	159	1458	5
144,000/ha	51	21	159	1466	5
SEM (+_)	0.23	0.36	2.74	77.51	0.18
Factor					
ICM 7703	51	21	160	1310	5
ICM 7704	52	24	166	1372	5
ICM 447	51	20	151	1704	4
SEM (+_)	0.28	0.44	3.36	94.93	0.23
Interaction					
SEM And (+_)	0.39	0.62	4.75	134.25	0.32
C.V. (X)	2	6	6	18	13

Table : P923 Code : 981 Name : Kabe, Cheikh
Crop : Pearl Millet Country: Senegal
Title : Variety and nitrogen response.
Summary of Selected Means and Data (Number: 5)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Panicle Length (cm)	Panicles Harvested Weight (000/ha)	Grain Yield (kg/ha)
Factor					
A1	51	176	20	275	2619
A2	51	203	24	205	2293
SEM (+)	0.29	2.26	0.31	6.36	61.95
Factor					
B1	51	191	23	233	2286
B2	50	187	22	246	2578
B3	51	191	22	241	2504
SEM (+)	0.35	2.77	0.38	7.79	75.87
Interaction					
SEM AxB (+)	0.50	3.92	0.54	11.02	107.29
C.V. (%)	2	4	5	9	9

Table : P924 File : 1056 Name: Md. Hazzarat Ali
Crop : Pearl millet Country: Bangladesh
Title : Pearl millet varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Heads Harvested (000/ha)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Panicle Length (cm)
WC-C75	54	189	285	4	2005	21
G73-K77	53	168	310	5	1943	21
ICMB 7835	54	183	328	4	2303	20
ICMB 7703	57	128	233	4	1395	33
MH 110	54	190	320	5	1950	21
BK 560	53	188	295	5	1928	20
SEM (+)	0.35	4.15	23.98	0.28	229.13	1.22
C.V. (%)	1	5	16	13	24	11

Table : P425 File : 1036 Name : M.L. Hossain Ali
Crop : Pearl millet Country: Bangladesh
Title : Pearl millet fertilizer by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments		50% Flower (days)	Panicle Length (cm)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Harvested Weight (g) (000/ha)	Hands
Factor							
30N kg/ha	0	55	23	173	813	4	263
60N kg/ha	0	54	22	173	1387	5	319
SEM (+_)	ERR	0.20	0.27	3.23	76.90	0.15	11.21
Factor							
ICMS 7704	0	56	24	181	1119	4	275
NELC P79	0	53	21	171	1055	4	295
IVS 5454	0	54	23	167	1125	5	303
SEM (+_)	ERR	0.25	0.33	3.95	94.18	0.18	13.73
Interaction							
SEM AxB (+_)	ERR	0.35	0.47	5.59	133.20	0.25	19.42
C.V. (%)	ERR	1	4	6	24	12	13

GROUNDNUT

Table : G1 File : 1020 Name : Moumouni, Adjara
Crop : Groundnut Country: Benin
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	Plant Density (cm)	Seed Necrosis (No. of buds)	Dead Plants Ref. Mety. (no.)	No. of Non-matu. Pods (5 pl)	No. of Pods (5 pl)	Yield (kg/ha)
NCAC 17090	7	15	5	53	53	798
EC 76446	7	33	11	38	38	204
J 11	4	30	7	50	54	372
PI259747	6	39	13	29	29	103
ROBUT 33-1	4	3	3	37	40	326
DW 2	3	31	12	55	56	373
SEM (+)	0.42	4.11	3.77	5.27	5.51	73.20
C.V. (%)	17	33	90	24	25	37

Table : G2 File : 1027 Name : Mlaapong, Dintle 0
Crop : Groundnut Country: Botswana
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	100 Kernel weight (g)	Pod Yield (kg/ha)	Pods Shelling Per Plant (5 pl/plo)	Harvest Stand Emergence (%) (000/ha)
IOGS 4	32	14	23	582	9	53
IOGS 6	32	13	22	827	8	60
IOGS 11	31	14	22	627	11	63
IOG 10	31	19	23	1838	9	46
IOGS 26	32	19	15	1038	10	34
Robut 33-1	33	14	22	782	10	65
SEM (+)	0.81	0.97	1.40	144.14	1.39	4.37
C.V. (%)	5	13	13	30	30	16

Table : G3 File : 1027 Name : Mdaipong, Distie 0
Crop : Groundnuts Country: Botswana
Title : Groundnut disease resistance trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	100 Kernel weight (g)	Pod Yield (kg/ha)	No.of Pods/ Plant (5 pl/plo)	Shelling (%)	Disease Score Rust etc Leafspot	Rust Infection (%)	Plant Stand (000/ha)
TDW 2	33	19	16	303	9	43	7	18	194
M 13	32	14	23	679	6	38	6	3	159
IOGS 6	32	15	19	761	8	53	7	4	156
PI 314817	32	19	14	856	6	36	3	6	182
IOG(FORS)	32	20	13	706	12	43	3	4	193
IOGS 2	32	21	24	763	11	48	4	362	142
SEM (←)	0.70	1.00	1.47	52.65	0.87	3.31	0.32	143.46	22.98
C.V. (%)	4	11	16	16	21	15	14	435	27

Table : G4 File : 1039 Name : Tin, Daw Aye Tin
Crop : Groundnut Country: Burma
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	Plant Height (cm)	100 kernel weight (g)	Yield (kg/ha)	Shelling (%)	Mature Pods/pl	Yield Per Plant (g)	Plant Count Net plot	Rust Score (%)
IOGS 35-1	12	25	254	45	6	10	54	7
IOGS 51	13	27	277	71	4	9	68	7
IOGS 47	13	25	311	70	5	7	62	7
IOGS 62	14	19	233	82	4	9	91	7
IOGS 49	13	20	356	63	5	9	68	7
Robur 33-1	12	20	345	54	6	10	62	6
SEM (←)	0.64	1.35	50.06	4.25	0.67	1.15	8.75	0.34
C.V. (%)	10	12	34	13	28	26	26	10

Table : G5 File : 1039 Name : Ma.Tin, Daw Aye
Crop : Groundnut Country: Burma
Title : Groundnut plant density by varietal trial
Summary of Selected Means and Data (Number: 7)

Treat- ments	Plant Height	Shelling (%)	Pod Yield (kg/ha)	Yield/ Plant (g)	100 Kernel Weight (g)	Matured Pods/ Plant	Plant Count Net Plot
Factor							
333,000/ha	19	61	314	10	19	4	83
222,000/ha	19	64	267	10	19	4	62
SEM (+)	0.64	1.68	22.19	0.60	1.43	0.29	3.35
Factor							
Robut 33-1	13	58	336	8	19	4	70
TW2	21	67	244	12	18	4	87
NCAC 17090	22	63	292	9	19	4	61
SEM (+)	0.79	2.05	27.18	0.74	1.76	0.35	4.10
Interaction							
SEM AxB (+)	1.12	2.91	38.44	1.04	2.48	0.49	5.80
C.V. (%)	12	9	26	22	27	25	16

Table : G6 File : 1041 Name : Daw Mu Mu Han
Crop : Groundnut Country: Burma
Title : Groundnut plant densities by varietal trial
Summary of Selected Means and Data (Number: 10)

Treat- ments	Primary Branches	Plant Height (cm)	Number Matured Pods/ Plant	Pod Yield (kg/ha)	100 Kernel Weight (g)	Shelling (%)	Disease (Yellow Resistance spot)	Drought	Yield/ Plant (g)
Factor									
333,000/ha	4	19	5	308	21	61	7	8	4
222,222/ha	5	19	6	359	21	63	6	8	4
SEM (+)	0.22	0.75	0.43	40.35	0.97	4.03	0.18	0.21	0.25
Factor									
EC 76466	4	23	4	200	18	82	6	7	5
J11	5	20	7	329	24	52	7	8	2
Robut 33-1	4	14	5	472	21	53	6	8	5
SEM (+)	0.27	0.92	0.53	49.42	1.19	4.93	0.22	0.25	0.31
Interaction									
SEM AxB (+)	0.38	1.30	0.74	69.89	1.68	6.98	0.31	0.36	0.44
C.V. (%)	17	14	28	42	16	22	10	9	22

Table : G7 File : 1041 Name : Han, Daw Ma Mu
Crop : Groundnut Country: Burma
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 9)

Treat- ments	Pod Yield	Plant Height	Number Primary Branches	100 Kernel weight (g)	Yield/ Plant Weight (g)	Number Matured Pods (5 pl/plot)	Shelling (X)	Disease (Yellow spot) (Score)	Drought Resistance (Score)
	(kg/ha)	(cm)							
IOGB 56	480	19	6	29	8	10	62	7	7
IOGB 4	272	17	6	29	5	7	56	7	6
IOGB 48	434	17	5	29	5	5	52	7	7
IOGB 46	588	15	6	25	4	5	45	7	8
IOGB 2	655	20	5	28	6	8	38	8	8
Robut 33-1	584	17	6	27	4	5	49	7	7
SEM (←)	107.44	0.87	0.28	1.09	0.65	1.08	4.70	0.31	0.49
C.V. (X)	43	10	11	8	25	33	19	9	13

Table : G8 File : 1035 Name : Yu, Shao-lin
Crop : Groundnut Country: China
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 9)

Treat- ments	75X Flowering	Plant Height	Number Primary Branches	100 Kernel weight (g)	Pod Yield	Shelling	Leafspot	Plant Count	Matured Pods/ Plant
	(kg/ha)	(cm)			(kg/ha)	(X)	(score)	Plot	(Av 5 pl)
IOGB 3	31	17	7	32	217	58	8	40	3
IOGB 19	33	20	9	31	274	58	5	56	3
IOGB 28	28	28	5	39	471	60	4	72	4
IOGB 78	32	21	11	31	260	60	6	45	2
IOGB 80	32	18	10	31	305	59	6	47	3
Robut 33-1	31	13	11	32	273	60	6	49	2
SEM (←)	0.36	0.33	0.19	0.37	15.35	1.10	0.52	3.86	0.28
C.V. (X)	2	3	4	2	10	4	18	15	20

Table : 09 File : 1035 Name : Yu Shan-Lin
Crop : Groundnut Country: China
Title : Groundnut plant densities by varietal trial
Summary of Selected Means and Data (Number: 10)

Treat- ments	Flowering 30%	Plant Height	Primary Branches	Pod Yield	100 Kernels Weight	Matured Pods/ Plant	Shelling Late Leafspot Score	Yield/ Plant
	(days)	(cm)		(kg/ha)	(g)		(%)	(g)
Factor								
333,000/ha	30	18	7	269	32	4	53	6
177,000/ha	31	19	10	324	55	2	52	5
SEM (+_)	0.35	0.14	.00	9.79	16.43	1.17	1.66	0.33
Factor								
IOGS 30	32	17	10	282	67	2	45	6
IOGS 6	29	15	10	279	31	2	56	6
IOGS 26	31	23	7	328	32	5	56	5
SEM (+_)	0.42	0.17	.00	11.99	20.13	1.43	2.03	0.40
Interaction								
SEM AxB (+_)	0.60	0.25	.00	16.95	28.46	2.03	2.87	0.57
C.V. (%)	4	3	0	11	131	126	11	20

Table : G10 File : 1021 Name : Oda, Eshetu Lemma
Crop : Groundnut Country: Ethiopia
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50 Flower	Plant Height	Primary Branches	Shelling Score	Rust Score	Budnecr. Maturity	Number Days	Pod Yield	Stand Count
	(days)	(cm)		(%)		(%)		(kg/ha)	(000/ha)
IOGS 4	38	15	4	62	6	14	121	251	164
IOG 35-1	34	15	4	67	6	13	120	234	157
M 13	38	14	5	40	5	11	122	134	166
IOGS 3	32	21	5	0	8	12	120	392	245
NCAC 17090	32	24	4	46	3	17	124	342	189
Robut 33-1	35	16	4	61	6	8	124	420	214
SEM (+_)	0.28	0.58	0.34	4.22	0.42	2.77	1.42	68.38	12.43
C.V. (%)	2	7	16	18	15	45	2	46	13

Table : G11 File : 1021 Name : Oda, Habatu Lema
Crop : Groundnut Country: Ethiopia
Title : Groundnut disease resistance trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Days To Maturity Leafspot Score	Late Score	Pod Yield (kg/ha)	Number Matured Pods (5 pl/plo)	Budnecr. Score (%)	Yellow Leafspot Score	Rust Score
IOGB 6	35	18	124	7	235	5	22	2	7
IOG 11	34	16	122	6	226	7	22	2	7
IOG 26	31	23	126	3	526	5	20	3.	4
Gangapuri	33	24	94	6	325	5	23	3	8
IOG 18	37	17	128	5	451	4	11	3	7
DW2	32	21	121	7	124	4	30	4	8
SEM (+)	1.30	0.52	1.07	0.53	1400	0.80	3.64	0.40	0.45
C.V. (%)	8	5	2	19	+ 15	33	34	28	13

Table : G12 File : 1046 Name : Sumarsono, Lasimin
Crop : Groundnut Country: Indonesia
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 12)

Treat- ments	50% Flower (days)	Plant Height (cm)	Number Primary Branches	100 Kernel weight (g)	Pod Yield Weight (kg/ha)	Number Matured Pods (Av 5 pl)	Reaction to Rust	Reaction to Leafspot	Seeds/ Plant
IOGB 6	32	18	6	16	204	10	7	4	7
M 13	36	16	6	19	72	2	6	3	3
NCAC 17090	30	27	4	44	125	7	2	4	4
IOGB 19	32	18	6	22	242	7	7	4	11
IOGB 26	31	21	5	17	227	6	6	4	11
DW 2	30	23	4	16	153	3	8	5	6
SEM (+)	0.21	1.51	0.17	3.56	18.03	1.26	0.25	0.20	1.02
C.V. (%)	1	15	6	32	21	43	9	10	30

Table : G13 File : 1046 Name : Samareno, Lasimin
Crop : Groundnut Country: Indonesia
Title : Groundnut disease resistance trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Number Primary Branches	Seed Weight/ Plant (mg)	Pod Yield Weight (kg/ha)	Number Pods/pl	Pod Weight/ Plant (mg)	Plants Harvested (000/ha)	Number Kernels/ Plant
IOG 17	33	23	6	9	326	7	35	126	7
IOG 19	30	23	4	18	671	10	43	149	11
IOG 27	30	21	4	18	426	9	15	135	15
IOG 18	35	16	6	21	324	7	10	143	10
J-11	30	24	4	30	294	9	15	115	15
Robur 33-1	32	18	6	23	317	8	11	89	11
SEM (+)	0.26	1.09	0.25	3.20	50.84	1.03	3.01	6.48	1.88
C.V. (%)	2	11	10	32	26	26	28	10	33

Table : G14 File : 1012 Name : Tembaru, Hallow J.N.
Crop : Groundnut Country: Malawi
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 9)

Treat- ments	75% Flower (days)	Plant Height (cm)	Pod Shelling Yield (kg/ha)	Rust (%)	Rust (score)	Bud Necrosis (%)	Yellow Leafspot (score)	Pods/ Plant (Av 5 pl)	Harvest Stand Count/ Plot
IOGB 11	31	15	544	32	6	6	3	6	133
IOG(Pusa)	32	21	703	43	1	10	2	6	154
IOGB 48	32	15	500	38	6	12	2	6	134
IOGB 37	30	15	650	44	7	7	2	7	128
MCAC 17090	30	21	445	34	2	18	2	5	123
TM72	30	20	589	31	6	15	3	11	130
SEM (+)	0.63	0.95	112.85	2.75	0.37	1.72	0.25	0.72	6.62
C.V. (%)	4	11	39	15	16	31	20	21	10

Table : G15 File : 1012 Name : Tambani Hallow J.W.
Crop : Groundnut Country: Malawi
Title : Groundnut plant density by varietal trial
Summary of Selected Means and Data (Number: 10)

Treat- ments	Flowering 75% (days)	Plant Height (cm)	Pod Shelling Yield (kg/ha)	Rust Score (%)	Rod Macrosis (%)	Yellow Leafspot Score	Av(5 pl) Sample	Stand Count/ Plot
Factor								
333,000/ha	30	16	585	36	5	8	3	11
444,000/ha	31	17	581	31	5	9	3	8
SEM (+)	0.24	0.38	33.40	2.19	0.18	1.58	0.13	0.60
Factor								
Robut 33-1	33	14	564	41	6	7	2	5
ICG 15	28	16	797	32	3	6	4	13
J 11	31	19	388	27	6	13	4	10
SEM (+)	0.29	0.47	40.91	2.68	0.22	1.93	0.16	0.74
Interaction								
SEM AxB (+)	0.41	0.67	57.86	3.79	0.31	2.73	0.22	1.04
C.V. (%)	3	8	20	23	12	63	14	22

Table : G16 File : 965 Name : Enosse, Ricardo
Crop : Groundnut Country: Mozambique
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	75% Flower (days)	Plant Height (cm)	Pod Yield (kg/ha)	Number Matured Pod/pl	Number Plants Harvested/ Plot
ICGS18	36	14	605	8	86
M13	36	13	314	4	64
ICGS11	35	15	483	9	52
ICG25	32	19	661	10	45
ICGS 2	34	19	650	12	65
TNV 2	34	19	433	7	71
SEM (+)	0.45	0.83	46.23	0.89	5.64
C.V. (%)	3	10	18	22	18

Table : G17 File : 965 Name : Enosse, Ricardo
Crop : Groundnut Country: Mozambique
Title : Groundnut disease resistance trial
Summary of Selected Characters (Number: 6)

Treat- ments	75% Flower (days)	Plant Height (cm)	Pod Yield (kg/ha)	Number Matured Pod/pl (Plot)	Number Plants Harvested (Plot)	Leafspot Score	Rust Score	Bushnr. Score (X)
IOG 27	34	21	883	13	114	7	6	44
IOG 22	35	24	654	9	71	5	5	31
Gangapuri	32	24	907	21	105	6	7	59
IOG 26	35	23	1057	18	105	6	6	32
Robur 33-1	35	15	569	9	74	8	7	28
NCAC 17090	34	22	608	7	74	7	6	40
SEM (+)	0.62	1.01	58.22	1.23	5.75	0.25	0.30	3.41
C.V. (X)	4	9	16	20	13	8	10	18

Table : G18 File : 997 Name : Ms.Mogga, Rachel Kanyo
Crop : Groundnut Country: Sudan
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 9)

Treat- ments	50% Flower (days)	Plant Height (cm)	Number Primary Branches	100 kernel weight (g)	Pod Yield Weight (kg/ha)	Number Matured Pods (5 pl/plo)	Shelling (X)	Rust Score	Leafspot Score
IOG 10	27	13	4	18	561	8	39	2	3
IOG 25	26	15	4	17	502	7	35	2	3
IOG 11	30	10	5	20	402	6	51	6	4
IOG 28	26	15	4	16	507	5	33	2	2
IOG 15	26	16	4	15	596	8	45	2	3
Robur 33-1	29	12	5	19	384	6	57	6	4
SEM (+)	0.49	1.25	0.16	0.80	63.39	1.16	2.39	0.39	0.17
C.V. (X)	4	19	8	9	26	36	11	23	11

Table : G19 File : 1034 Name : Hassan, Abdalla Yousif Mhd.
Crop : Groundnut Country: Sudan
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Number Primary Branches	100 Kernel weight (g)	Pod Yield (kg/ha)	Number Matured Pods (5 pl/plo)	Shelling (%)	Yield (g/plant)	Plant Popula- tion (Plot)
Gangapuri	32	24	4	24	297	4	41	2	79
CS 30	36	20	6	17	389	7	37	3.	99
ICGB 46	36	18	5	15	445	5	52	2	138
ICGB 26	26	19	5	19	300	6	48	2	109
ICG 26	33	18	4	17	556	9	35	3	124
Robut 33-1	36	18	5	14	334	6	49	2	116
SEM (+)	3.50	2.51	0.53	2.16	46.69	0.87	3.51	0.44	6.51
C.V. (%)	21	26	23	24	24	29	16	39	12

Table : G20 File : 1034 Name : Hassan Abdalla Yousif
Crop : Groundnut Country: Sudan
Title : Groundnut plant density by varietal trial
Summary of Selected Means and Data (Number: 9)

Treat- ments	Flowering 75% (days)	Plant Height (cm)	Pod Yield (kg/ha)	No.of Primary Branches/ Plant	Shelling (%)	100 Kernel's Weight (g)	Yield/ Plant (g)	Mature Pods/ Plant	Plant Population (Plot)
Factor									
222,000/ha	34	18	293	5	49	17	2	5	85
333,000/ha	33	22	115	4	26	14	1	2	83
SEM (+)	0.17	0.37	27.72	0.08	2.85	1.32	0.25	0.41	4.59
Factor									
Robut 33-1	34	18	222	5	45	16	2	4	80
EC 76446	34	18	239	5	40	15	2	4	101
PI 259747	33	24	150	4	28	16	2	2	72
SEM (+)	0.20	0.45	33.94	0.10	3.48	1.62	0.31	0.50	5.62
Interaction									
SEM AxB (+)	0.29	0.64	48.01	0.14	4.93	2.29	0.44	0.70	7.95
C.V. (%)	2	6	47	6	26	30	51	43	19

Table : G21 File : 1016 Name : Kapinga, Rómulo do
Crop : Groundnut Country: Tanzania
Title : Groundnut plant densities by varietal trial
Summary of Selected Means and Data (Number: 9)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Pod Yield (kg/ha)	Shelling (%)	100 Kernel Weight (g)	No.of Matured Pods/ Plant	Rust-se crosis (%)	Plant Density at harvest (net plot)	No.of Pods/ Plant
Factor									
333,000/ha	28	21	214	44	27	5	25	111	12
266,000/ha	28	21	241	38	21	6	27	104	13
SEM (+_)	0.11	0.62	32.99	2.49	1.01	0.46	1.52	4.20	0.57
Factor									
NCAC 17090	27	24	284	38	23	6	19	92	11
CS 30	30	18	180	40	26	6	21	105	13
TDW 2	27	21	219	44	23	6	38	126	14
SEM (+_)	0.13	0.76	40.41	3.05	1.23	0.56	1.87	5.14	0.70
Interaction									
SEM AxB (+_)	0.19	1.07	57.14	4.31	1.74	0.80	2.64	7.27	0.99
C.V. (%)	1	10	50	21	15	28	20	14	16

Table : G22 File : 1016 Name : Kapinga, R.O.
Crop : Groundnut Country: Tanzania
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	75% Flower (days)	Plant Height (cm)	Pod Yield (kg/ha)	Number Pods/ Plant	Matured Pods/ plant	Rust Score	Shelling (%)	Rustocr. Score (%)	Net plots harvested Plant
NCAC 17090	30	24	157	11	3	2	28	32	93
EC 76446	31	26	172	6	1	3	27	32	134
J 11	31	21	169	9	5	7	40	42	157
M 13	35	14	96	4	2	6	32	17	146
PI 259746	32	26	109	4	1	3	22	30	156
Robut 33-1	33	17	258	8	3	7	56	11	154
SEM (+-)	0.28	0.62	29.99	1.07	0.81	0.25	3.05	5.24	8.11
C.V. (%)	2	6	37	31	62	10	18	39	12

Table : G23 File : Name : Mpiri, Mark G.
Crop : Groundnut Country: Tanzania
Title : Early maturing Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	75% Main axis Flower	Plant Height	Plants at Harvest	100 Kernel weight	Pod Yield Weight	Number Shelling Matured Pods	Rust Score	Yield
	(days)	(cm)	(Plot)	(g)	(kg/ha)	(5 pl/plo)	(%)	(g/plant)
NCAC 17090	33	23	57	23	409	8	34	2
J-11	32	20	109	23	290	9	43	8
Gangapuri	32	21	65	29	403	8	36	6
EC 76446	34	23	51	17	88	4	26	3
TDW 2	31	21	78	24	217	9	44	8
Robut 33-1	35	14	73	22	454	8	52	6
SEM (+)	1.09	0.66	9.54	2.07	27.99	0.97	3.88	0.43
C.V. (%)	7	7	26	18	18	26	20	16

Table : G24 File : 1017 Name: Mphiri, Mark G.
Crop : Groundnut Country: Tanzania
Title : Medium maturing groundnut varietal trial
Summary of Selected Characters (Number: 12)

Treat- ments	75% Flower	Plant Height	Plants at Harvest	100 Kernel Weight	Pod Yield	Shelling	Rust	Mature Pods/ Plant	Yield/ Plant
	(days)	(cm)		(g)	(kg/ha)	(%)	(score)	(5 pl)	(g)
ML3	39	11	70	21	63	36	7	5	2
IOGS 21	33	14	64	26	138	50	7	6	3
IOGS 47	39	15	83	21	171	57	8	5	3
IOGS 49	39	14	86	21	177	51	8	5	3
IOGS 80	35	17	84	23	138	38	6	5	2
IOG 37	33	23	83	18	343	47	3	8	4
IOG 2	36	18	46	23	227	36	3	8	7
TDW2	33	21	59	21	55	39	6	5	2
SEM (+)	1.49	0.89	8.09	1.84	45.75	5.04	0.43	1.00	0.63
C.V. (%)	7	9	20	14	48	20	11	30	35

Table : G25 File : 1007 Name : Mayunda, Akabondo Alex
Crop : Groundnut Country: Zambia
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 10)

Treat- ments	75% Flower (days)	Pod Yield (kg/ha)	Pods/ Plant (no.)	Days to Maturity	Matured Pods/ plant	Rust (Score)	Shelling (%)	Early Leafspot Score	Late Leafspot Score
EC 76446	36	161	2	129	4	4	39	3	1
CS 30	38	316	4	129	9	2	50	3	2
IOGS 26	35	275	2	129	7	9	72	6	4
NCAS 17090	35	377	6	130	8	3	46	4	5
IOGS 4	38	252	2	128	6	9	75	6	4
Robur 33-1	36	155	2	127	6	9	75	6	5
SEM (+-)	0.26	47.76	0.77	0.73	0.90	0.25	3.00	0.39	0.36
C.V. (%)	1	37	50	1	28	8	10	17	21

Table : G26 File : 1007 Name: Mayunda, Alex A
Crop : Groundnut Country: Zambia
Title : Groundnut Disease Resistance Trial
Summary of Selected Characters (Number: 8)

Treat- ments	75% Flower (days)	Plant Density	Rust Score	Early Leaf Spot Score	Late Leaf Spot (Score)	Aphids (Score)	Pod Yield (kg/ha)
M13	38	233	7	3	4	4	56
IOG37	33	167	9	5	5	4	156
IOGS20	35	234	9	4	3	4	248
IOG19	33	216	5	6	4	5	404
IOGS26	33	174	8	5	4	4	178
IOG10	32	192	4	4	4	4	507
IOGS18	36	229	8	5	4	4	145
IOGS21	34	155	9	5	5	5	74
SEM (+-)	0.27	6.46	0.32	0.38	0.50	0.44	55.16
C.V. (%)	1	6	8	15	21	18	43

Table : G27 File : 1040 Name : Yin, U Kank
Crop : Groundnut Country: Burma
Title : Groundnut plant densities by varietal trial
Summary of Selected Means and Data (Number: 4)

Treat- ments	Shelling (%)	Pod Yield (kg/ha)	Pods/ Plant (Av 5 pl)	100 Kernel Weight (g)
Factor				
Robut 33-1	60	251	9	16
DW2	62	170	13	11
SEM (+_)	0.92	12.00	0.86	0.99
Factor				
163,000/ha	60	180	12	14
263,000/ha	62	227	12	12
363,000/ha	61	225	9	13
SEM (+_)	1.12	14.69	1.06	1.21
Interaction				
SEM AxB (+_)	1.59	20.78	1.50	1.71
C.V. (%)	5	20	27	26

Table : G28 File : 1041 Name: Yin, U Kank
Crop : Groundnut Country: Burma
Title : Groundnut varietal by fertilizer trial
Summary of Selected Characters (Number: 4)

Treat- ments	Pods Per Plant (no.)	100 Kernel (g)	Pod Shelling Yield (kg/ha)	(%)
Robut 33-1	5	19	125	61
DW2	4	9	129	60
EC 76446	2	14	42	70
SEM (+-)	0.10	0.61	9.54	1.22
C.V. (%)	21	13	27	5

Table : G29 File : 1042 Name : Aung, U Thein
Crop : Groundnut Country: Burma
Title : Groundnut plant densities by varietal trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	Shelling (X)	Pod Yield (kg/ha)	Pods/ Plant (Av 5 pl)	100 Kernel Weight (g)	Mature Pods/ Plant
Factor					
Robut 33-1	64	134	5	15	2
DW2	65	78	4	10	2
SEM (+_)	0.85	11.12	0.34	0.51	0.12
Factor					
163,000/ha	65	74	4	11	2
263,000/ha	65	125	5	14	2
363,000/ha	64	119	4	13	2
SEM (+_)	1.05	13.62	0.42	0.62	0.15
Interaction					
SEM AxB (+_)	1.48	19.26	0.59	0.88	0.22
C.V. (X)	5	36	26	14	21

Table : G30 File : 1042 Name : Aung, U Thein
Crop : Groundnut Country: Burma
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	Number Pod/ Plant	Pod Yield (kg/ha)	Number Matured Pod/pl	100 Shelling Kernel Weight (g)	(%)
Robut 33-1	6	165	2	18	62
DW 2	4	124	2	16	62
J 11	5	150	2	17	64
PI 259747	3	68	1	14	60
NCAC 17090	3	105	2	17	69
Gangapuri	5	121	2	15	69
SEM (+-)	0.43	30.65	0.17	1.03	3.06
C.V. (X)	20	50	18	13	10

Table : G31 File : 1001 Name : Diame, Mohamed Lamine
Crop : Groundnut Country: Guinea
Title : Groundnut plant densities by varietal trial
Summary of Selected Means and Data (Number: 4)

Treat- ments	75X Flower (days)	Plants Harvested (000/ha)	Pod Yield (kg/ha)	1000 Kernel Weight (g)
Factor				
330,000/ha	29	70	174	29
444,000/ha	29	105	123	29
SEM (+_)	0.18	14.65	22.83	0.18
Factor				
Robur 33-1	29	143	242	29
DW2	27	57	116	27
EC 76446	30	62	88	30
SEM (+_)	0.22	17.94	27.96	0.22
Interaction				
SEM AxB (+_)	0.31	25.37	39.54	0.31
C.V. (%)	2	58	53	2

Table : G32 File : 986 Name : Diallo, Mamadou Fadja
Crop : Groundnut Country: Guinea
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 4)

Treat- ments	75X Flower (days)	Number Pods/ Plant (Av.5 pl)	100 Pods Weight (g)	Pod Yield (kg/ha)
Robur 33-1	29	11	32	215
DW2	28	12	19	114
J11	28	12	19	84
PI 259747	27	11	18	117
NCAC 17090	26	12	20	167
EC 76446	30	12	12	77
SEM (+-)	0.23	0.94	1.76	44.83
C.V. (%)	2	16	18	69

Table : G33 File : 986 Name : Diello, Mamadou Bajda
Crop : Groundnut Country: Guinea
Title : Groundnut date of planting by varietal trial
Summary of Selected Means and Data (Number: 4)

Treat- ments	75X Flower (days)	Pods/ Plant (5 pl)	100 Kernel Weight (g)	Pod Yield (kg/ha)
Factor				
26 June	28	11	23	204
3 July	1	1	2	1
SEM (+_)	0.11	0.34	0.88	13.65
Factor				
Robut 33-1	15	6	14	147
DW2	15	6	11	64
NCAC 17090	14	5	12	97
SEM (+_)	0.13	0.41	1.08	16.72
Interaction				
SEM AxB (+_)	0.19	0.59	1.52	23.64
C.V. (%)	3	20	25	46

Table : G34 File : 976 Name : Bah, Mamadou Cellou
Crop : Groundnut Country: Guinea
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 4)

Treat- ments	75 Flower (days)	No.of Pods/pl (Av.5 pl)	No.of Days to matu.	Pod Yield (kg/ha)
Robut 33-1	29	5	120	175
DW 2	28	3	110	54
J 11	28	1	110	46
PI 259747	27	2	120	13
NCAC 17090	26	2	120	57
EC 76446	30	1	120	5
SEM (+-)	0.21	0.61	.00	15.77
C.V. (%)	1	53	0	54

Table : G35 File : 976 Name : Mamadou Cellou Bah
Crop : Groundnut Country: Guinea
Title : Groundnut date of planting by varietal trial
Summary of Selected Means and Data (Number: 3)

Treat- ments	75% Flower (days)	Pods/ Plant (5 pl)	Pod Yield (kg/ha)
Factor			
25 June	28	8	181
5 July	1	1	1
SEM (+_)	0.06	0.46	36.67
Factor			
TMV2	15	4	81
Robut 33-1	15	5	109
NCAC 17090	14	3	84
SEM (+_)	0.07	0.56	44.91
Interaction			
SEM AxB (+_)	0.10	0.80	63.51
C.V. (%)	1	37	139

Table : G36 File : 983 Name : Keita, Djiba
Crop : Groundnut Country: Guinea
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plants Harvested (000/ha)	Pods/ Plant (avg 5pl)	100 Kernel weight (g)	Net Weight Kernel (Kg/ha)	Dry Pod Yield (kg/ha)
Robut 33-1	29	300	5	32	61	122
J-11	28	238	5	25	34	122
TMV2	28	219	4	17	11	78
PI 259747	27	213	3	18	9	35
NCAC 17090	29	181	5	28	41	151
EC 76446	30	213	2	19	4	35
SEM (+-)	0.59	21.87	0.63	3.36	9.46	24.58
C.V. (%)	4	19	33	29	71	54

Table : G37 File : 983 Name : Kaika, Djika
Crop : Groundnut Country: Guinea
Title : Groundnut plant densities by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments	75% Flower (days)	Plants Harvested (000/ha)	Pods/ Plant (5 pl)	Kernel Yield (kg/ha)	Dry Weight of Pods (kg/ha)	100 Kernel Weight (g)
Factor						
DW2	28	283	5	84	256	20
Robur 33-1	30	321	5	169	302	25
SEM (+_)	0.00	12.87	0.37	16.57	24.78	1.26
Factor						
250,000/ha	29	233	4	118	269	23
350,000/ha	29	281	5	136	294	23
450,000/ha	29	392	5	124	274	22
SEM (+_)	0.00	15.76	0.45	20.29	30.35	1.54
Interaction						
SEM AxB (+_)	0.00	22.29	0.64	28.69	42.92	2.18
C.V. (%)	0	15	27	46	31	19

Table : G38 File : 1011 Name : Gondwe, Lorent K
Crop : Groundnut Country: Malawi
Title : Groundnut fertiliser trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	Harvest Stand/ Plot	Pod Yield (kg/ha)	Pods/ Plant (5 pl)	Shelling (%)	100 Kernel Weight (g)
Factor					
17 P	117	350	6	56	25
25.5 P	115	311	5	55	24
SEM (+_)	2.60	22.64	0.53	2.29	0.85
Factor					
10 N	117	361	6	53	25
20 N	118	320	6	56	24
30 N	113	311	5	57	24
SEM (+_)	3.19	27.73	0.65	2.80	1.04
Interaction					
SEM AxB (+_)	4.51	39.21	0.92	3.97	1.47
C.V. (%)	8	24	34	14	12

Table : G39 File : 1011 Name : Gondwe, Lovat Kapurumba
Crop : Groundnut Country: Malawi
Title : Groundnut fertiliser by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments	Stand Count (000/ha)	Pods/ Plant (Av 5 pl)	Pod Shelling Yield (kg/ha)	100 Kernel Weight (g)	Dead Plants/ Plot (%)
Factor					
10N + 17P	144	8	314	42	32
20N + 25.5P	143	8	355	43	34
SEM (+)	2.54	0.68	26.29	3.13	3.96
Factor					
Robur 33-1	156	9	437	47	13
DM2	135	10	294	36	40
J-11	140	6	274	45	46
SEM (+)	3.11	0.84	32.20	3.83	4.84
Interaction					
SEM AxB (+)	4.40	1.19	45.53	5.41	6.85
C.V. (%)	6	29	27	25	42

Table : G40 File : 975 Name : Marquez, Enrique V
Crop : Groundnut Country: Mexico
Title : Groundnut fertiliser by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments	Plant Density (000/ha)	Pods/ Plant (5 pl)	Matured Pods/ Plant	Pod Yield (kg/ha)	Kernel Yield (kg/ha)	100 Kernel Weight (g)
Factor						
0 N	186	11	6	203	102	21
10 N	191	11	6	219	111	22
SEM (+)	2.95	0.65	0.57	9.84	5.46	0.77
Factor						
DM2	174	11	5	86	46	20
NCAC 17090	169	12	7	355	172	25
Robur 33-1	224	11	6	191	101	21
SEM (+)	3.61	0.80	0.70	12.06	6.69	0.94
Interaction						
SEM AxB (+)	5.11	1.13	0.99	17.05	9.45	1.33
C.V. (%)	5	20	33	16	18	12

Table : G41 File : 1015 Name : Almojenla, Jose Sanchez Y
Crop : Groundnut Country: Philippines
Title : Groundnut fertilizer trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	Plant Height at maturity (cm)	Plants Harvested (000/ha)	Pods/ Plant	100 Kernel Weight (g)	Pod Yield (kg/ha)
Factor					
8.5 P	32	145	3	308	311
17 P	32	143	3	276	295
SEM (+_)	0.53	3.14	0.34	10.69	21.26
Factor					
0 N	31	140	3	277	282
10 N	34	146	3	308	295
20 N	33	146	3	292	332
SEM (+_)	0.65	3.85	0.42	13.10	26.04
Interaction					
SEM AxB (+_)	0.92	5.44	0.59	18.52	36.83
C.V. (%)	6	8	40	13	24

Table : G42 File : 1023 Name: Ahmed, Haji Shakh
Crop : Groundnut Country: Somalia
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	75% Flower (days)	Height of main axis (cm)	Net plot yield (kg /ha)	Number pod/ plant	100 Pod Weight (g)	Number Primary Branches
Robur 33-1	53	20	302	.	45	6
DM2	63	27	357	5	37	6
J-11	65	4	251	4	40	5
PI2597090	64	74	334	4	41	5
NCA617090	65	24	395	4	35	5
EC76446	65	27	192	3	42	6
SEM (+-)	1.64	19.28	69.79	0.51	1.92	0.50
C.V. (%)	5	115	43	28	10	18

Table : G43 File : 1033 Name : Ibrahim, Omar H.R.R.
Crop : Groundnut Country: Sudan
Title : Groundnut fertilizer trial
Summary of Selected Means and Data (Number: 9)

Treat- ments	Shelling	Plant Height	Primary Branches/ Plant	Pods/ Plant	Kernels (per pod)	100 Kernel Weight (g)	Dry Weight of pods (kg/ha)	Fresh Weight of pods (q/ha)	Dry Weight of haulms (q/ha)
	(%)	(cm)							
Factor									
0 P	67	23	4	4	1	21	76	343	16
17 P	64	24	4	4	1	19	60	293	16
SEM (+)	0.91	0.80	0.11	0.28	0.05	0.79	5.89	26.39	0.37
Factor									
0 G kg/ha	66	24	4	4	1	19	69	329	16
300 G kg/ha	64	24	4	3	1	19	49	239	16
600 G kg/ha	67	23	4	4	1	21	86	385	16
SEM (+)	1.12	0.98	0.13	0.35	0.06	0.97	7.21	32.33	0.46
Interaction									
SEM AxB (+)	1.58	1.39	0.19	0.49	0.09	1.38	10.20	45.72	0.65
C.V. (%)	5	12	9	27	14	14	30	29	8

Table : G44 File : 1014 Name : Ms.Mendoza, Piedad A
Crop : Groundnut (Robut33 -1) Country: Philippines
Title : Groundnut fertilizer by rhizobium inoculation trial
Summary of Selected Characters (Number: 3)

Treat- ments	Pod Yield	Pods/ Plant	100 Kernel Weight
	(kg/ha)	(#)	(g)
0-0	644	3	27
10N+2P	681	4	26
20N+20P	588	3	27
40N+20P	515	3	22
Rhb+20P	606	3	28
Rhb+40P	697	4	34
SEM (+)	76.94	0.13	1.53
C.V. (%)	25	8	11

Table : G45 File : 1052 Name: Haji, Yahya Mohiddin
Crop : Groundnut Country: Somalia
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 5)

Treat- ments	100 Kernel Weight (g/plot)	Number Branches/ Plant	Length of main stem (cm)	Number pods/ plant	Pod Yield (kg/ha)
DW2	50	33	33	31	553
NCAC19090	35	21	25	18	243
M-13	48	26	29	23	363
EC76446	32	19	22	18	215
Robut 33-1	44	23	27	18	303
PI2597447	30	18	18	15	192
SEM (+)	0.78	1.45	0.37	1.63	15.22
C.V. (%)	4	12	3	16	10

Table : G46 File : 1022 Name : M.B.Keerthisinghe
Crop : Groundnut Country: Sri Lanka
Title : Groundnut varietal by phosphorus response trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	No.of Pods/ Plant	No.of Matured Pods/ Plant	No.of Kernels/ Plant	100 Kernels Weight (g)	Pod Yield (kg/ha)
Factor					
30 P	7	4	6	23	337
60 P	8	5	8	25	383
SEM (+)	0.43	0.29	0.60	1.22	21.64
Factor					
DW 2	6	4	6	21	245
NCAC 17090	9	5	11	30	648
J 11	7	4	5	20	188
SEM (+)	0.53	0.35	0.74	1.49	26.50
Interaction					
SEM AxB (+)	0.75	0.50	1.04	2.11	37.47
C.V. (%)	21	23	29	18	21

Table : G47 File : 1028 Name : S.W. Jayatunga
Crop : Groundnut Country: Sri Lanka
Title : Groundnut varietal by phosphorus response trial
Summary of Selected Means and Data (Number: 5)

Treat- ments	No.of Pods/ Plant	No.of Matured Pods/ Plant	No.of Kernels/ Plant	No.of Unfilling Kernels/ Plant	Pod Yield (kg/ha)
Factor					
30 P	6	5	10	7	202
60 P	7	5	12	9	268
SEM (+_)	0.26	0.31	1.03	1.00	29.53
Factor					
TMV 2	6	4	11	7	176
NCAC 17090	8	6	14	11	355
J 11	5	4	9	5	174
SEM (+_)	0.32	0.38	1.26	1.22	36.17
Interaction					
SEM AxB (+_)	0.45	0.54	1.79	1.73	51.15
C.V. (%)	15	23	32	44	44

Table : G48 File : Name : Niratiam, Srichai
Crop : Groundnut Country: Thailand
Title : Groundnut varietal by phosphorus response trial
Summary of Selected Means and Data (Number: 3)

Treat- ments	Plants Harvested (000/ha)	Pods/ Plant	Pod Yield (kg/ha)
Factor			
J 11	176	4	187
TMV 2	203	4	244
SEM (+_)	10.34	0.23	15.92
Factor			
0 kg P	194	4	238
30 kg P	190	3	225
60 kg P	184	4	185
SEM (+_)	12.67	0.28	19.50
Interaction			
SEM AxB (+_)	17.91	0.39	27.58
C.V. (%)	19	20	26

Table : 049 File : 971 Name : Suwiboon, Sakda
Crop : Groundnut Country: Thailand
Title : Groundnut plant densities by date of planting trial
Summary of Selected Means and Data (Number: 3)

Treat- ments	Plant Populatio at harvest (000/ha)	Pods/ Plant (Av 5 pl)	Pod Yield (kg/ha)
Factor			
333,000/ha	177	4	256
300,000/ha	183	5	261
SEM (+_)	5.28	0.36	13.46
Factor			
24 June	176	4	280
1 July	181	4	258
8 July	182	4	239
SEM (+_)	6.47	0.44	16.48
Interaction			
SEM AxB (+_)	9.15	0.62	23.31
C.V. (%)	10	30	18

Table : G50 File : 966 Name : Wilumpapraharn, Chaveewan
Crop : Groundnut Country: Thailand
Title : Groundnut fertilizer trial
Summary of Selected Means and Data (Number: 7)

Treat- ments	Plant Populatio (000/ha)	Pod Yield (kg/ha)	Haulms (kg/ha)	100 Seed (g)	No.of Shelling Pods/ Plant (%)	Kernels Yield (kg/ha)
Factor						
20 P	225	256	184	22	5	119
40 P	223	178	193	19	4	86
SEM (+_)	11.65	29.65	12.47	1.22	0.35	9.47
Factor						
0 N	234	256	200	22	5	117
10 N	214	162	161	18	3	81
20 N	225	234	204	21	4	109
SEM (+_)	14.27	36.31	15.27	1.49	0.42	11.59
Interaction						
SEM AxB (+_)	20.18	51.36	21.60	2.11	0.60	16.39
C.V. (%)	18	47	23	21	29	32

Table : G51 File : 970 Name : Poonporn, Lertchai
Crop : Groundnut Country: Thailand
Title : Groundnut date of planting by varietal trial
Summary of Selected Means and Data (Number: 4)

Treat- ments	Plants Harvested Plot	Pods/ Plant	100 Kernel Weight	Pod Yield (kg/ha)
Factor				
Robut 33-1	129	6	36	346
DMV2	94	6	31	245
SEM (+_)	6.10	0.29	0.95	11.85
Factor				
25 June	111	8	35	348
2 July	128	6	32	306
9 July	95	5	33	233
SEM (+_)	7.47	0.36	1.16	14.51
Interaction				
SEM AxB (+_)	10.57	0.51	1.64	20.52
C.V. (%)	19	16	10	14

Table G52 File 1049 Name : Poerboyo, Ismail Brahim
Crop : Groundnut Country: Indonesia
Title : Groundnut varietal trial
Summary of Selected Characters (Number: 9)

Treat- ments	50% Flower (days)	Plant Height (cm)	Plant Count	100 Kernel Weight (g)	Pod Yield (kg/ha)	Pod Shelling Yield/ Plant (g)	Leafspot (%)	Rust (%)
IOG(FIRS)-37	42	20	132	32	544	6	46	12
IOG(FIRS)-17	37	24	110	35	400	6	57	22
IOGS 4	34	21	139	30	419	7	52	14
IOG(FIRS)-15	35	16	128	26	529	6	51	14
IOG 22	40	12	119	35	418	5	51	24
DMV 2	40	20	137	28	473	5	57	30
SEM (+_)	0.69	0.46	5.87	1.83	34.86	0.25	4.33	1.43
C.V. (%)	4	5	9	12	15	9	17	23

Table : G53 File : 1079 Name : Lamsil Brahlin Pamboyo
Crop : Groundnut Country: Indonesia
Title : Groundnut plant densities by varietal trial
Summary of Selected Means and Data (Number: 9)

Treat- ments	Flowering SDZ (days)	Plant Height (cm)	Plant Count Per plot	Pod Yield (kg/ha)	100 Kernel Weight (g)	Pod Shelling Yield/ Plant (g)	(%)	% Leaf area Damaged by Leafspot (70 days)	% Leaf area Damaged by rust (70 days)
Factor									
333,000/ha	34	21	124	361	29	4	53	24	23
213,333/ha	32	20	94	330	23	3	40	21	26
SEM (+_)	0.24	0.27	1.58	9.92	1.59	0.17	2.23	0.69	0.79
Factor									
Robur 33-1	36	16	119	392	26	4	48	14	13
TW 2	32	24	100	338	24	4	48	27	24
J 11	32	21	108	336	28	4	43	27	37
SEM (+_)	0.30	0.33	1.93	12.15	1.94	0.21	2.73	0.85	0.97
Interaction									
SEM AxB (+_)	0.42	0.46	2.74	17.18	2.75	0.30	3.86	1.20	1.37
C.V. (%)	3	5	5	10	21	16	17	11	11

Table : G54 File : 1053 Name : Atodi-Bhorut James Stephan
Crop : Groundnut Country: Uganda
Title : Weed control trial in groundnut
Summary of Selected Characters (Number: 4)

Treat- ments	Plant Population at Harv.	Early Leafspot (%)	Dry pod Weight (kg/ha)	100 Pod Weight (g)
No weeding	131	5	271	46
H weeding	139	3	350	51
HW at 4 w	141	4	328	48
HW at 6 w	139	4	384	50
HW at 2 &	147	3	473	53
HW at 4 &	147	4	462	55
SEM (+-)	7.11	0.48	67.88	4.03
C.V. (%)	10	25	36	16

MAIZE

Table : M1 File : 1031 Name : Mahipih, Ambrose S.A.
Crop : Maize Country: Ghana
Title : Maize fertiliser by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments	Flowering 50% (days)	Plant Height (cm)	Stands Harvested (000/ha)	Grain Yield (kg/ha)	1000 Grain Weight (g)	Plant Stand (cm)
Factor						
Deccan	52	184	14	802	183	41
Rohini	52	173	20	932	150	40
SEM (+)	0.16	3.23	1.29	86.85	2.99	0.85
Factor						
60 N kg/ha	52	183	18	802	163	38
90 N kg/ha	51	173	19	1033	162	42
120 N kg/ha	52	178	16	767	173	42
SEM (+)	0.19	3.96	1.58	106.37	3.67	1.04
Interaction						
SEM AxB (+)	0.27	5.60	2.23	150.43	5.18	1.48
C.V. (X)	1	6	26	35	6	7

Table : M2 File : 998 Name : Lomodo, Mogga James
Crop : Maize Country: Sudan
Title : Maize fertiliser by varietal trial
Summary of Selected Means and Data (Number: 8)

Treat- ments	50% Pollen Shed (days)	Plant Height (cm)	Plant Height at harvest (cm)	Lodged Plants/ (000/ha)	Stand Count (000/ha)	Cobs Harvested (000/ha)	1000 Seed Weight (g)	Dry Weight of Grains (kg/ha)
Factor								
Deccan	61	146	168	8	77	45	198	776
Rohini	61	147	160	15	79	47	155	891
SEM (+)	0.37	2.99	1.69	3.03	2.32	2.40	5.52	58.14
Factor								
60 N	61	134	158	9	78	45	175	717
80 N	62	144	161	13	80	46	176	683
100 N	60	161	175	12	77	46	179	1101
SEM (+)	0.45	3.67	2.07	3.71	2.84	2.94	6.76	71.21
Interaction								
SEM AxB (+)	0.63	5.18	2.93	5.25	4.01	4.15	9.56	100.71
C.V. (X)	2	7	4	92	10	18	11	24

PIGEONPEA

Table : PP1 File : 980 Name: Diop, Abou Abdoulaye
Crop : Pigeonpea Country: Senegal
Title : Pigeonpea trial for insect resistance
Summary of Selected Characters (Number: 2)

Treat- ments	50% Flower	Plant Density
	(days)	(cm)
B DGI	117	141
ICP 1691	122	169
PPE 45-2	102	162
ICP 190381	121	172
ICP 10466	121	168
ICPL 84060	120	167
ICP 7203	94	140
ICP 909	103	138
SEM (+-)	3.62	3.42
C.V. (%)	6	4

Table : PP2 File : 980 Name : Diop, Abou Abdoulaye Yero
Crop : Pigeonpea Country: Senegal
Title : Early maturing pigeonpea varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% flower	Plant Height	Plant Stand	Grain Yield	100 Threshing Seed Weight	
	(days)	(cm)	(000/ha)	(kg/ha)	(g)	(%)
ICPL 4	72	82	293	781	6	67
ICPL 317	79	82	237	676	7	67
ICPL 151	77	85	239	898	9	69
ICPL 87	85	75	263	509	9	61
ICPL 315	72	84	247	687	7	66
ICPL 8311	77	85	262	764	8	68
SEM (+-)	1.89	2.85	19.81	144.52	0.23	2.48
C.V. (%)	5	7	15	40	6	7

Table : PP3 File : 997 Name : Ms. Mogga, Rachel Kanyi
Crop : Pigeonpea Country: Sudan
Title : Early maturity pigeonpea varietal trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Plant Density	100 Grain weight (g)	Dry Pod Weight (g/plot)	Grain Weight (kg/ha)
ICPL 81	75	73	96	7	234	373
ICPL 6	89	83	100	6	209	310
ICPL 1	75	78	118	6	442	659
ICPL 161	69	70	103	8	261	398
ICPL 314	72	76	119	7	379	564
ICPL 143	73	80	134	7	531	852
SEM (+)	2.72	5.74	12.86	0.77	125.84	196.13
C.V. (%)	7	15	23	23	73	76

Table : PP4 File : 1037 Name : Zhang Zhuang-Ta
Crop : Pigeonpea Country: China
Title : Pigeonpea date of planting by varietal trial
Summary of Selected Means and Data (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Grain Yield (kg/ha)	100 Seed Weight (g)	Pods/ Plant	Seeds/ Pod
Factor						
ICPL 1	65	86	1113	7	22	4
ICPL 161	69	104	1059	8	19	4
SEM (+)	0.18	1.11	27.29	0.17	0.77	0.11
Factor						
14 June	68	96	1132	8	22	4
21 June	67	97	1087	7	19	4
28 June	66	92	1039	7	20	4
SEM (+)	0.22	1.36	33.42	0.21	0.95	0.13
Interaction						
SEM AxB (+)	0.32	1.92	47.26	0.30	1.34	0.19
C.V. (%)	1	4	9	8	13	10

Table : PP5 File : 1037 Name : Zhang Zhang-Ta
 Crop : Pigeonpea Country: China
 Title : Plant densities by varietal trial
 Summary of Selected Means and Data (Number: 6)

Treat- ments	SOE Flower (days)	Plant Height (cm)	Grain 100 Seed Yield (kg/ha)	Seed Weight (g)	Pods/ Plant	Seeds/ Pod
Factor						
ICPL 1	58	89	1065	8	37	3
ICPL 161	60	100	1015	9	34	4
SEM (+_)	0.18	1.09	16.96	0.13	1.45	0.16
Factor						
200,000/ha	59	94	965	9	39	3
300,000/ha	58	96	1126	9	35	4
400,000/ha	59	93	1028	9	33	4
SEM (+_)	0.22	1.33	20.77	0.16	1.77	0.19
Interaction						
SEM AxB (+_)	0.31	1.88	29.38	0.23	2.51	0.27
C.V. (X)	1	4	6	5	14	16

INTERCROPPING

Table : IC 1 File : 1024 Name: Synai Maelhara
Crop : Sorghum and Cowpea Country: Botswana
Title : Intercropping sorghum and cowpea
Summary of Selected Characters (Number: 10)

Treat- ments	50% Flower (days)	Plant Height (cm)	Panicles Harvested (000/ha)	1000 Grain Weight (g)	Grain Yield Weight (kg/ha)	Seeds/ Pod (#)	Grain Yield (kg/ha)	1000 Grain Weight (g)	LER	Gross Monetary Return (Rs/ha)
Sole Sorgh	73	145	70	19	1185				1	1780
Sole Cowpea						11	563	107	1	2813
S+CP 1:3	80	114	36	21	285	13	340	109	0.88	2130
S+CP 2:2	79	117	55	19	510	13	273	106	0.9	2130
CP+S 2:2	75	134	75	19	945	12	320	111	1.45	3020
S+CP 2:1	73	125	72	18	1065	15	290	107	1.43	3025
SEM (+)	1.50	6.43	6.33	0.51	164.53	1.00	43.00	2.00	0.12	236.84
C.V. (%)	4	10	21	5	41	8	24	4	23	19

Table : IC 2 File : 1025 Name: Mathewe Mogomotsi
Crop : P.Millet & cowpea Country: Botswana
Title : Intercropping pearl millet and cowpea
Summary of Selected Characters (Number: 10)

Treat- ments	50% Flower (days)	Plant Height (cm)	Panicles Harvested (000/ha)	1000 Grain Weight (g)	Grain Yield Weight (kg/ha)	Seeds/ Pod (#)	1000 Grain Weight (g)	Grain Yield (kg/ha)	LER	Gross Monetary Return (Rs/ha)
Sole P.Millet	49	161	329	5	1550				1	1550
Sole Cowpea						13	123	473	1	2363
PM+CP 1:3	48	154	144	5	778	11	114	208	0.97	1815
PM+CP 2:2	50	159	255	5	1345	11	119	138	1.21	2033
CP+PM 2:2	50	146	228	5	1010	15	122	203	1.1	2023
PM+CP 2:1	50	148	255	5	1220	12	114	75	0.98	1595
SEM (+)	0.30	2.21	20.01	0.42	127.61	1.14	3.23	34.93	0.10	211.31
C.V. (%)	1	3	17	17	22	18	5	32	20	22

Table : IC 3 File : 984 Name: Traore, Moussa Nibilaye
Crop : Sorghum & cowpea Country: Mali
Title : Intercropping sorghum and cowpea comparison yields
Summary of Selected Characters (Number: 7)

Treat- ments	50% Flower (days)	Plant Height (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)	Grain Yield (kg/ha)	LER	Gross Monetary Return (Rs/ha)
Sole Sorgh	71	127	865	170		1	1
Sole Cowpea					527	1	1
S+CP 1:3	78	117	473	174	351	2.02	2463
CP+G 2:2	75	119	788	189	451	2.8	3438
CP+G 2:3	74	119	853	192	455	2.35	3554
S+CP 2:2	76	118	623	188	548	2.71	3675
SEM (←)	1.75	3.21	148.18	14.97	67.63	0.99	267.97
C.V. (X)	5	5	41	16	29	99	24

Table : IC 4 File : 984 Name: Traore, Moussa Nibilaye
Crop : PMillet & Groundnut Country: Mali
Title : Intercropping pearl millet and groundnut
Summary of Selected Characters (Number: 4)

Treat- ments	50% Flower Matter (days)	Plant Height Yield (cm)	Grain Yield (kg/ha)	1000 Grain Weight (g)	Pod Yield (kg/ha)	LER	Gross Monetary Return (Rs/ha)
Sole P.Millet	42	152	1974	6		1	1
Sole Groundnut					169	1	1
G+PM 1:3	45	146	1465	5	147	2.03	1879
G+PM 2:2	45	147	1127	5	129	2.03	1515
PM+G 1:2	43	150	1508	6	95	1.93	1794
PM+G 2:2	43	151	1515	6	85	1.95	1769
SEM (←)	1.05	3.48	331.59	0.42	42.49	0.35	209.42
C.V. (X)	5	5	44	15	68	43	36

Table : IC 5 File : 973 Name: Raymundo Nava Padilla
Crop : Maize & Soybean Country: Mexico
Title : Intercropping of maize and soybean
Summary of Selected Characters (Number: 7)

Treat- ments	Plant Height (cm)	Dry matter (ha)	Grain Yield (kg/ha)	Pods/ Plant	Grain Yield (kg/ha)	LER	Gross Ministry Return (Rs/ha)
Sole maize	120	2	670			1	1005
Sole soybean				14	583	1	2913
M/SS 1:3	40	1	423	13	483	0.91	885
M/SS 2:1	110	3	185	11	50	1.35	2690
SS/M 2:1	112	1	330	16	280	1.12	1895
SS/M 2:2	39	2	163	12	198	0.70	1231
SEM (←)	3.21	0.19	97.65	1.53	70.66	0.20	330.55
C.V. (%)	8	22	55	24	44	39	37

Table : IC 6 File : 982 Name: Munso, Mahamane M
Crop : Pearl millet and Groundnut Country: Niger
Title : Water balance study with intercropping of pearl millet and groundnut
Summary of Selected Characters (Number: 10)

Treat- ments	Leaf Area (sq.cm)	Plant Height (cm)	Stover Yield (kg/ha)	Heads Harvested (000/ha)	Grain Yield (kg/ha)	Panicle Length (cm)	Fodder Yield (kg/ha)	Pod Yield (kg/ha)	100 Kernel Weight (g)	LER Grain Yield (%)
Sole P.Millet	131	141	2000	273	1776	21				1
Sole Groundnut							2535	1208	35	1
PM+GN 1/4:3/4	98	123	2134	160	1163	20	2276	1003	33	1.39
PM+G 1/2:1/2	123	134	3994	244	2004	21	1451	704	30	1.72
G+PM 1:1/2	115	138	3444	239	1790	19	1110	626	29	1.57
SEM (←)	1.66	2.89	70.69	5.6	92.38	0.33	114.24	62.61	0.76	0.10
C.V. (%)	6	9	8	10	22	6	25	28	10	15

Table : IC 8 File : 1014 Name: Ms. Mendoza, Piedad A.
Crop : Maize & Soybean Country: Philippines
Title : Effect of population density on maize-soybean intercrope
Summary of Selected Characters (Number: 6)

Treat- ments	Plant Height (cm)	Grain Yield (kg/ha)	Plant Height (cm)	Grain Yield (kg/ha)	LER	Gross Monetary Return (Rs/ha)
Sole Maize	82	275			1	2908
Sole Soybean			21	418	1	413
M+SB 2:2	69	108	23	383	1.32	2469
SB+M 2:2	66	336	25	73	1.43	945
SB+M 3:2	67	72	22	272	0.93	1743
M+SB 2:1	75	170	23	183	1.09	1356
SEM (+-)	4.75	25.35	1.13	20.30	0.10	116.87
C.V. (X)	13	26	10	15	17	15

Table : IC 9 File : 978 Name: Mustapha Fall
 Crop : Sorghum & Cowpea Country: Senegal
 Title : Intercropping sorghum and cowpea
 Summary of Selected Characters (Number: 9)

Treat- ments	50% Flower (days)	Plant Height (cm)	Panicles Harvested (000/ha)	1000 Grain Weight (g)	Grain Yield Weight (kg/ha)	Grain Yield (kg/ha)	1000 Grain Weight (g)	LER	Gross Monetary Return (Rs/ha)
Sole Sorghum	67	135	118	17	1990			1	2925
Sole Cowpea						818	115	1	4088
S+CP 1:3	78	91	60	15	940	735	112	1.5	5085
S+CP 2:2	70	114	109	17	1868	648	112	1.8	5989
S+CP 2:3	73	108	80	17	1395	503	111	1.5	5055
CP+S 2:2	70	116	120	18	1973	688	115	1.9	6396
SEM (±)	0.94	3.44	4.07	0.24	36.61	15.47	0.37	0.05	145.89
C.V. (%)	3	6	8	3	5	4	1	7	6

Table : IC 10 File : 978 Name : Fall Amadou Mustapha
 Crop : P.Millet & Groundnut Country : Senegal
 Title : Intercropping trial with Pearl millet & groundnut (microclimate study)
 Summary of Selected Characters

Treatments	P.Millet						Groundnut				Total Dry Matter (kg/ha)		LER
	Sole P.Millet			Millet Intercrop			Sole		Intercrop		Sole	Inter-crop	
	Main	Tillers	Total	Main	Tillers	Total	Pods	Kernels	Pods	Kernels			
Sole P.Millet	2139	1205	3344	-	-	-	-	-	-	-	-	-	1
Sole Groundnut	-	-	-	-	-	-	394.44	183.33	-	-	1688.89	1027.76	1
2 P.Millet +													
2 Groundnut	-	-	-	680	1632	2312	-	-	205.55	405.5	-	-	1.2
STD	178	232	401	57	247	299							
SE +	103	134	232	33	142	173	46	34	12	5	87	73	0.54

** High statically significance between sole crop and intercrop.

Table : IC 11 File : 1022 Name: B. Koorthisinghe
Crop : Maize & Cowpea Country: Sri Lanka
Title : Intercropping maize and cowpea
Summary of Selected Characters (Number: 6)

Treat- ments	Plant Height (cm)	Grain Yield (kg/ha)	Plant Height (cm)	Grain Yield (kg/ha)	LER	Gross Monetary Return (Rs/ha)
Sole Maize	72	505			1	758
Sole Cowpea			48	347	1	1733
M+CP 2:2	56	285	46	166	1.06	1255
CP+M 2:2	49	300	46	194	1.08	1420
M+CP 1:3	45	195	46	259	1.16	1588
M+CP 2:1	60	360	45	73	0.93	904
SEM (←)	3.13	20.59	1.36	20.02	0.06	89.43
C.V. (X)	11	13	6	19	12	14

Table : IC 12 File : 1028 Name: S.W. Jayatunga
Crop : Maize & Soybean Country: Sri Lanka
Title : Intercropping soybean and maize
Summary of Selected Characters (Number: 6)

Treat- ments	Plant Height (cm)	Grain Yield (kg/ha)	Plant Height (cm)	Grain Yield (kg/ha)	LER	Gross Monetary Return (Rs/ha)
Sole Maize	65	455			1	683
Sole Soybean			34	403	1	2013
M+S 2:2	45	240	45	170	0.98	1210
S+S 2:2	46	203	33	128	0.77	941
M+S 1:3	50	168	33	220	0.95	1351
M+S 2:1	51	295	38	83	0.84	855
SEM (←)	5.58	38.71	3.06	30.58	0.07	132.14
C.V. (X)	22	28	17	31	15	22

Table : IC 13 File : 969 Name: Padet Saten
 Crop : Sorghum & Mungbean Country: Thailand
 Title : Intercropping trial with sorghum and mungbean
 Summary of Selected Characters(Number: 7

Treat- ments	Pods/ Plant	Seeds/ pod	1000 Seed Weight (g)	Grain Yield (kg/ha)	Plant Height (cm)	Leaf Area (sq.cm)	1000 Seed Weight (g)	Grain Yield (kg/ha)	LER	Gross Monetary Return (Rs/ha)
Soie Mungbean	11	9	31	316					1	4229
Soie Sorghum					134	363	22	2715	1	1896
S+M 1:3	10	11	31	148	120	314	22	2805	1.30	3026
S+M 2:2	10	11	31	120	126	296	22	3080	1.31	3342
S+M 2:1	12	10	33	121	123	296	21	2628	1.34	4666
S+M 1:2	11	11	31	160	116	348	22	2273	1.33	4367
SEM (+)	1.88	0.44	1.02	16.33	4.10	29.20	0.38	46.01	0.05	119.09
C.V. (X)	35	9	7	19	7	18	3	3	8	6

Table : IC14 File : 1048 Name : Hamed, Abdel Mawwan Saleh
 Crop : Pearl millet Country: Sudan
 Title : Intercropping pearl millet and groundnut
 Summary of Selected Means and Data (Number: 3)

Treat- ments	Plant Height (cm)	Panicles Harvested (000/ha)	Grain Yield (kg/ha)
Factor			
1:3	156	84	1262
2:2	158	149	1725
SEM (+)	2.49	5.84	74.93
Factor			
IK 560	146	157	1787
ICMS 7703	165	88	1360
HELCP 79	161	104	1303
SEM (+)	3.05	7.15	91.77
Interaction			
SEM AxB (+)	4.32	10.11	129.78
C.V. (X)	5	17	17

Table : IC15 File : 1050 Name: Sumary Singgih
Crop : Soybean Country: Indonesia
Title : Intercropping pigeonpea and soybean
Summary of Selected Characters (Number: 4)

Treat- ments	Plant Height (cm)	Pod Number/ Plant	1000 Grain Weight (g)	Grain Yield (kg/ha)
Sole SB	30	12	130	423
PP+SB 1:2	29	18	129	242
PP+SB 1:3	28	16	125	339
PP+SB 2:1	27	15	115	114
PP+SB 2:2	30	16	125	283
SEM (+)	1.68	2.41	6.26	33.72
C.V. (%)	12	32	10	24

Table : IC16 File : 1050 Name : Sumary Singgih
Crop : Soybean Country: Indonesia
Title : Intercropping pigeonpea and soybean with different dose of N & P fertilizer
Summary of Selected Means and Data (Number: 4)

Treat- ments	Pods/ Plant (#)	Plant Height (cm)	Soybean Yield (kg/ha)	1000 Soybean Weight (g)
Factor				
0 kg N	14	31	171	148
10 kg N	15	32	188	146
SEM (+)	1.01	0.78	17.09	3.13
Factor				
0 kg P	15	33	159	141
15 kg P	14	30	212	150
30 kg P	14	31	167	149
SEM (+)	1.24	0.95	20.93	3.84
Interaction				
SEM ANS (+)	1.75	1.35	29.60	5.43
C.V. (%)	25	9	33	7

Table : IC17 File : 1053 Name: James Stephen Atodi-Bhorot
Crop : Cowpea Country: Uganda
Title : Intercropping sorghum and cowpea
Summary of Selected Characters (Number: 3)

Treat- ments	Plant Population at harvest (000/ha)	Dry Grain Weight (kg/ha)	100 Grain Weight (g)
Sole CP	108	407	12
S+CP 1:3	87	436	12
S+CP 2:1	56	193	12
S+CP 2:2	54	291	12
S+CP 2:3	106	365	12
SEM (+)	12	39	0
C.V. (%)	30	23	2

Table : IC18 File : 1054 Name: Zudhe Charles E.
Crop : Cowpea C152 Country: Uganda
Title : Intercropping maize and cowpea
Summary of Selected Characters (Number: 1)

Treat- ments	Grain Yield (kg/ha)
Sole CP	242
M+CP 1:3	218
M+CP 2:2	246
M+CP 2:3	495
M+CP 2:1	217
SEM (+)	33
C.V. (%)	23

Table : IC19 File : 1054 Name: Zedhe Charles K
Crop : Pearl millet & Groundnut Country: Uganda
Title : Intercropping pearl millet and groundnut
Summary of Selected Characters (Number: 3)

Treat- ments	Grain Yield	Plant Height	Pod Yield
	(kg/ha)	(cm)	(kg/ha)
Sole P.Millet	2344	161	
Sole Groundnut			1073
PM+G 1:3	1702	151	705
PM+G 2:2	1921	151	635
PM+G 2:1	2301	164	529
PM+G 2:2	1939	166	451
SEM (+-)	106	4	64
C.V. (%)	10	5	19

Table : IC20 File : 973 Name : Javier, N-P Rayuando
Crop : Sorghum and groundnut Country: Mexico
Title : Evaluate intercropping sorghum-groundnut with two slopes and two land measurements
Summary of Selected Means and Data (Number: 3)

Treat- ments	Sorghum Grain	Groundnut Pods	Run-off
	(kg/ha)	(kg/ha)	(mm)
Factor			
0.4% slope	401	198	42
1% slope	355	225	58
SEM (+_-)	46.82	9.59	23.09
Factor			
Flat	466	218	28
Broadbed	290	205	71
SEM (+_-)	46.82	9.59	23.09
Interaction			
SEM AxB (+_-)	66.22	13.57	32.66
C.V. (%)	35	13	131

DEMONSTRATIONS

INTERNATIONAL YIELD TRIALS

Table : IYIPM
Crop : Pearl millet
Title : Pearl Millet International Yield Trial
Summary of Selected Characters (Number: 6)

Treat- ments	50% Flower (days)	Plant Height (cm)	Nodes at Harvest (000/ha)	1000 Grain Weight (g)	Grain Yield (kg/ha)	Panicle Length (cm)
ICH 415	47	182	252	4	1046	24
ICH 451	50	195	194	6	2156	25
ICMB 83506	53	184	175	6	1638	26
ICMC 84	48	187	237	5	1530	23
ICMW 82132	54	195	189	5	1314	26
ICMB 8021	52	187	157	5	1585	28
ICMB 5283	47	149	215	8	1844	23
ICMB 8283	52	193	167	5	1431	28
ICMB 7704	56	199	155	6	1602	24
ICMB 8004	49	199	161	6	1583	27
WC-C75	50	199	169	5	1618	25
MEH 110	44	184	174	7	1786	23
SEM (←)	0.51	0.40	20.50	0.45	158.25	0.44
C.V. (%)	1	0	16	12	14	3

Table : IYIC
Crop : Groundnut
Title : Groundnut International Yield Trial
Summary of Selected Characters (Number: 11)

Treat- ments	75% Flower (days)	Plant Density (cm)	100 Kernel Weight (g)	Pod Yield (kg/ha)	Bud Necrosis @70 DAS 9%	Rust Disease @70 DAS (%)	Shelling (%)	Leafspot Disease @70 DAS (%)	Yellowm Disease @70 DAS (%)	Pod Yield/ Plant (g)	Plant Count Net Plot
ICGB(E)119	34	21	31	280	6	27	40	26	15	3	105
ICGB(E)120	30	24	28	255	14	19	39	33	6	4	128
ICGB(E)123	28	23	32	328	4	11	53	17	3	3	114
ICGB(E)22	26	17	27	298	14	6	48	27	3	4	141
JL 24	156	18	36	337	7	15	50	32	8	5	122
J11	32	17	26	231	13	12	46	22	11	4	119
ICGB 30	35	13	33	553	3	7	57	24	3	6	127
Robur 33-1	36	14	27	389	20	4	59	33	5	4	138
SEM (←)	42.73	0.50	3.15	67.27	6.34	1.76	5.07	2.11	0.95	0.26	2.84
C.V. (%)	157	5	18	35	108	24	18	14	24	11	4

Table : ITPT
Crop : Pigeonpea
Title : Pigeonpea International Yield Trial
Summary of Selected Characters

7)

Treat- ments	50% Flower	Plant Height	100 Seed Weight	Grain Yield 1st harvest	Grain Yield 2nd harvest	Grain Yield 2nd harvest+2 harvest	Threshing Yield (%)
	(days)	(cm)	(g)	(kg/ha)	(kg/ha)	(kg/ha)	(%)
ICPL 4	60	81	6	513	125	638	56
ICPL 151	64	82	10	751	46	797	66
ICPL 87	68	75	11	219	478	696	64
ICPL 289	62	65	10	743	44	786	64
ICPL 312	61	67	11	657	15	672	62
ICPL 316	50	71	8	565	228	793	61
ICPL 146	66	79	9	414	99	513	59
ICPL 155	71	88	9	221	536	757	72
ICPL 8311	64	84	10	799	41	840	67
ICPL 8324	69	81	14	206	71	277	54
ICPL 1	65	83	8	524	34	558	67
ICPL 6	73	92	9	347	323	669	60
ICPL 81	63	81	7	601	10	611	63
ICPL 161	61	76	9	602	26	628	58
ICPL 288	74	89	9	207	98	305	57
ICPL 269	66	86	10	593	22	616	66
SEM (+)	0.81	2.98	0.34	116.40	55.19	122.16	3.25
C.V. (%)	2	6	6	41	70	33	9

Name	Country	Components (varieties, Fertilizer, rates etc)	Grain or pod yield kg/ha	Net grain Rs	Remarks
5.Konga Edith,C.S	Tanzania	TMV 2 333 vs 200 thousand plants/ha	125 85	120	

Prices of Fertilizer and grain/pod

Ammonium Sulphate at Rs. 1800 per tonne; Urea at Rs. 2400 per tonne; DAP at Rs. 3600 per tonne; SSP at Rs. 1200 per tonne
Sorghum Rs. 1.20 per kg; Pearl millet Rs. 0.90 per kg and
Groundnut (pods) Rs. 3 per kg.

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Table D1: Results of trainees demonstration plots, 1985

Name	Country	Components (varieties, Fertilizer rates etc)	Grain or pod yield kg/ha	Net grain Rs	Remarks
A. Sorghum					
1.U.Thein Aung	Burma	CSH 9 150 vs 90 thousand plants/ha	439 49	468	
2.U.Kauk Yin	Burma	CSH 6 N - P 100-17 60-17	1742 933	971	
3.Lorent Kaperemera Gondwe	Malawi	CSH6 Local	2258 720	1846	
4.Enrique Villaton M'arquez	Mexico	CSH 9 Local	1450 520	1116	
B. Pearl millet					
1.Mamadou Padj Diallo	Guinea	BK 560 WC-C-75	1838 1717	110	
2.Mamadou Cellou Bah	Guinea	BK 560 WC-C-75	1520 1340	162	
3.Djiba Keita	Guinea	MBH 110 BK 560	1400 1256	130	
4.Jose A.Sanchez	Philippines	ICMS 7703 WC-C-75	- -	-	Crop failed
5.Haji Shekh Ahmed	Somalia	Fertilizer 60 N(urea) 0 N (Fertilizer cost Rs.312)	1689 556	708	
6.Omer Hasab-EL Rasoul Ibrahim	Sudan	180 vs 90 thousand plants/ha	2650 2030	558	

Name	Country	Components (varieties, Fertilizer, rates etc)	Grain or pod yield kg/ha	Net grain Rs	Remarks
7. Mohamed Yahya Mohidin Haji	Somalia	Fertilizer 60-17-0 (AS+SP) None (Fertilizer cost Rs.832)	1689 569	176	.
8. Diane, Mohamed Lamine	Guinea	WC-C-75 BK 560	1713 1691	198	

C. Maize

1. Kiflu Tarekegne	Ethiopia	Fertilizer N-P-K 100-17-0 60-17-0 Rohini	-	-	Failed due to drought
2. Minale Liben	Ethiopia	75 vs 150 thousand plants/ha Deccan 103	-	-	Failed due to drought

D. Groundnut

1. Ndoubakoi Tatoloum	Chad	Robut 33-1 TMV 2	370 19	1053	
2. Diallo Mamadou M'Baye	Mauritania	Robut 33-1 TMV 2	219 126	279	
3. Mogga James Lomodo	Sudan	Robut 33-1 with gypsum (cost Rs.100) without gypsum	370 320	50	
4. Nakpih Ambrose B.A.	Ghana	Robut 33-1 26 June 3 July (two dates of planting)	-	-	Failed