

ANNEX 3

FIELD PLANS OF EXPERIMENT SITES

ANNEX 3A

FIELD PLAN OF *CYPERUS* CONTROL TREATMENTS AT ARS KPONG

Block 1				Block 2				Block 3				
1	2	3	4	33	34	35	36	65	66	67	68	R
5	6	7	8	37	38	39	40	69	70	71	72	
9	10	11	12	41	42	43	44	73	74	75	76	R
13	14	15	16	45	46	47	48	77	78	79	80	
17	18	19	20	49	50	51	52	81	82	83	84	
21	22	23	24	53	54	55	56	85	86	87	88	R
25	26	27	28	57	58	59	60	89	90	91	92	
29	30	31	32	61	62	63	64	93	94	95	96	R
CB MT	CB RT	F MT	F T	F T	F MT	CB RT	CB MT	CB RT	CB MT	F MT	F T	

Block 4				Block 5				Block 6				
97	98	99	100	129	130	131	132	161	162	163	164	R
101	102	103	104	133	134	135	136	165	166	167	168	
105	106	107	108	137	138	139	140	169	170	171	172	
109	110	111	112	141	142	143	144	173	174	175	176	R
113	114	115	116	145	146	147	148	177	178	179	180	
117	118	119	120	149	150	151	152	181	182	183	184	R
121	122	123	124	153	154	155	156	185	186	187	188	
125	126	127	128	157	158	159	160	189	190	191	192	R
CB MT	CB RT	F MT	F T	F T	F MT	CB RT	CB MT	F T	F MT	CB MT	CB RT	

Hand weeded

Glyphosate pre-land form

Glyphosate post-land form

Spare plot

CB = Camber beds

F = Flat plots

MT = minimum tillage, no soil loosening primary tillage

R = Residual herbicide (Lasso/atrazine or Dual)

RT = reduced tillage, low input (shallow, 10cm deep and fast) polydisc tillage

T = Traditional disc plough primary tillage, approximately 20cm depth

ANNEX 3B

FIELD PLAN OF LAND FORM TREATMENTS AT ARS KPONG

Block 1				Block 2				Block 3				
1	2	3	4	33	34	35	36	65	66	67	68	R
5	6	7	8	37	38	39	40	69	70	71	72	
9	10	11	12	41	42	43	44	73	74	75	76	R
13	14	15	16	45	46	47	48	77	78	79	80	
17	18	19	20	49	50	51	52	81	82	83	84	
21	22	23	24	53	54	55	56	85	86	87	88	R
25	26	27	28	57	58	59	60	89	90	91	92	
29	30	31	32	61	62	63	64	93	94	95	96	R
CB MT	CB RT	F MT	F T	F T	F MT	CB RT	CB MT	CB RT	CB MT	F MT	F T	
Block 4				Block 5				Block 6				
97	98	99	100	129	130	131	132	161	162	163	164	R
101	102	103	104	133	134	135	136	165	166	167	168	
105	106	107	108	137	138	139	140	169	170	171	172	
109	110	111	112	141	142	143	144	173	174	175	176	R
113	114	115	116	145	146	147	148	177	178	179	180	
117	118	119	120	149	150	151	152	181	182	183	184	R
121	122	123	124	153	154	155	156	185	186	187	188	
125	126	127	128	157	158	159	160	189	190	191	192	R
CB MT	CB RT	F MT	F T	F T	F MT	CB RT	CB MT	F T	F MT	CB MT	CB RT	

Flat
beds

Camber
beds

CB = Camber beds

F = Flat plots

MT = minimum tillage, no soil loosening primary tillage

R = Residual herbicide (Lasso/atrazine or Dual)

RT = reduced tillage, low input (shallow, 10cm deep and fast) polydisc tillage

T = Traditional disc plough primary tillage, approximately 20cm depth

ANNEX 3C

FIELD PLAN OF LAND FORM TREATMENTS AT ARS KPONG

Block 1				Block 2				Block 3				
1	2	3	4	33	34	35	36	65	66	67	68	R
5	6	7	8	37	38	39	40	69	70	71	72	
9	10	11	12	41	42	43	44	73	74	75	76	R
13	14	15	16	45	46	47	48	77	78	79	80	
17	18	19	20	49	50	51	52	81	82	83	84	
21	22	23	24	53	54	55	56	85	86	87	88	R
25	26	27	28	57	58	59	60	89	90	91	92	
29	30	31	32	61	62	63	64	93	94	95	96	R
CB MT	CB RT	F MT	F T	F T	F MT	CB RT	CB MT	CB RT	CB MT	F MT	F T	

Block 4				Block 5				Block 6				
97	98	99	100	129	130	131	132	161	162	163	164	R
101	102	103	104	133	134	135	136	165	166	167	168	
105	106	107	108	137	138	139	140	169	170	171	172	
109	110	111	112	141	142	143	144	173	174	175	176	R
113	114	115	116	145	146	147	148	177	178	179	180	
117	118	119	120	149	150	151	152	181	182	183	184	R
121	122	123	124	153	154	155	156	185	186	187	188	
125	126	127	128	157	158	159	160	189	190	191	192	R
CB MT	CB RT	F MT	F T	F T	F MT	CB RT	CB MT	F T	F MT	CB MT	CB RT	

No
herbicide

Residual
herbicide

CB = Camber beds

F = Flat plots

MT = minimum tillage, no soil loosening primary tillage

R = Residual herbicide (Lasso/atrazine or Dual)

RT = reduced tillage, low input (shallow, 10cm deep and fast) polydisc tillage

T = Traditional disc plough primary tillage, approximately 20cm depth

ANNEX 3D

FIELD PLAN OF TILLAGE TREATMENTS AT ARS KPONG

Block 1				Block 2				Block 3				
1	2	3	4	33	34	35	36	65	66	67	68	R
5	6	7	8	37	38	39	40	69	70	71	72	
9	10	11	12	41	42	43	44	73	74	75	76	R
13	14	15	16	45	46	47	48	77	78	79	80	
17	18	19	20	49	50	51	52	81	82	83	84	
21	22	23	24	53	54	55	56	85	86	87	88	R
25	26	27	28	57	58	59	60	89	90	91	92	
29	30	31	32	61	62	63	64	93	94	95	96	R
CB MT	CB RT	F MT	F T	F T	F MT	CB RT	CB MT	CB RT	CB MT	F MT	F T	

Block 4				Block 5				Block 6				
97	98	99	100	129	130	131	132	161	162	163	164	R
101	102	103	104	133	134	135	136	165	166	167	168	
105	106	107	108	137	138	139	140	169	170	171	172	
109	110	111	112	141	142	143	144	173	174	175	176	R
113	114	115	116	145	146	147	148	177	178	179	180	
117	118	119	120	149	150	151	152	181	182	183	184	R
121	122	123	124	153	154	155	156	185	186	187	188	
125	126	127	128	157	158	159	160	189	190	191	192	R
CB MT	CB RT	F MT	F T	F T	F MT	CB RT	CB MT	F T	F MT	CB MT	CB RT	

Minimum tillage

Traditional or reduced tillage

CB = Camber beds

F = Flat plots

MT = minimum tillage, no soil loosening primary tillage

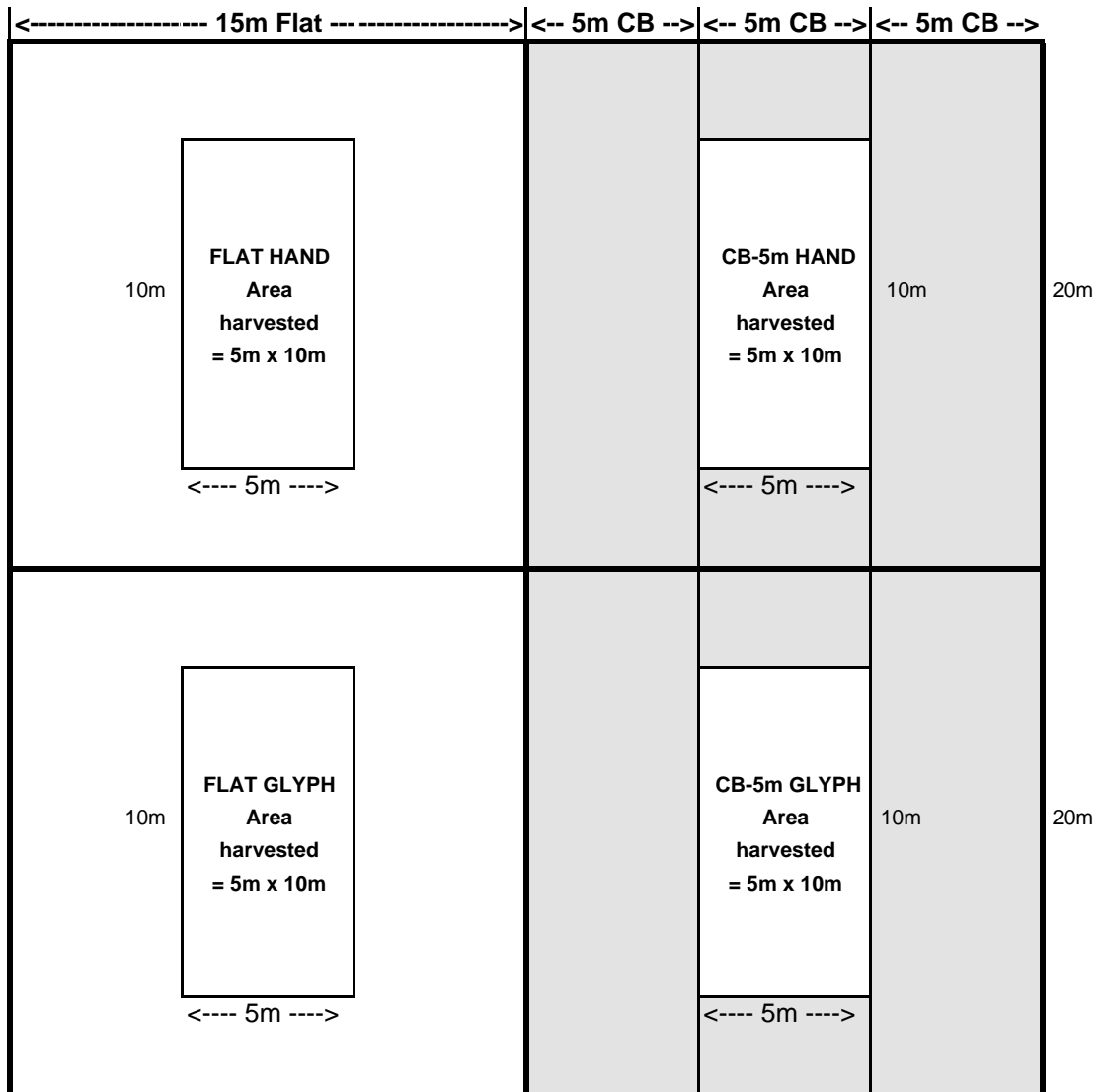
R = Residual herbicide (Lasso/atrazine or Dual)

RT = reduced tillage, low input (shallow, 10cm deep and fast) polydisc tillage

T = Traditional disc plough primary tillage, approximately 20cm depth

ANNEX 3E

GENERAL PLAN OF ON-FARM TRIAL SITES WITH 5 METRE CAMBER BEDS



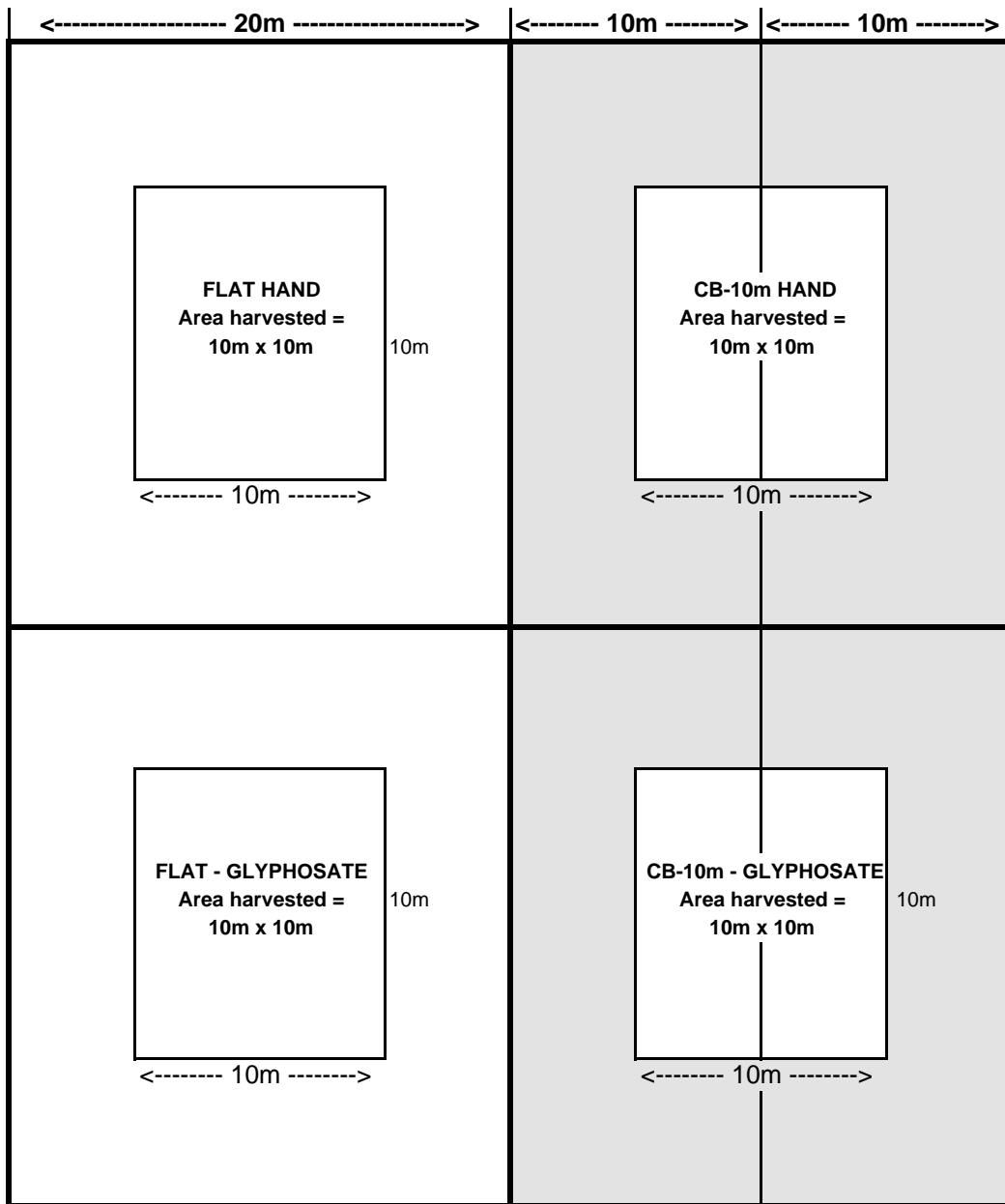
Trial area = 30m x 40m = 1200 sq m

Plot sizes = 15m x 20m = 300 sq m

Harvest area = 5m x 10m = 100 sq m

ANNEX 3F

GENERAL PLAN OF ON-FARM TRIAL SITES WITH 10 METRE CAMBER BEDS

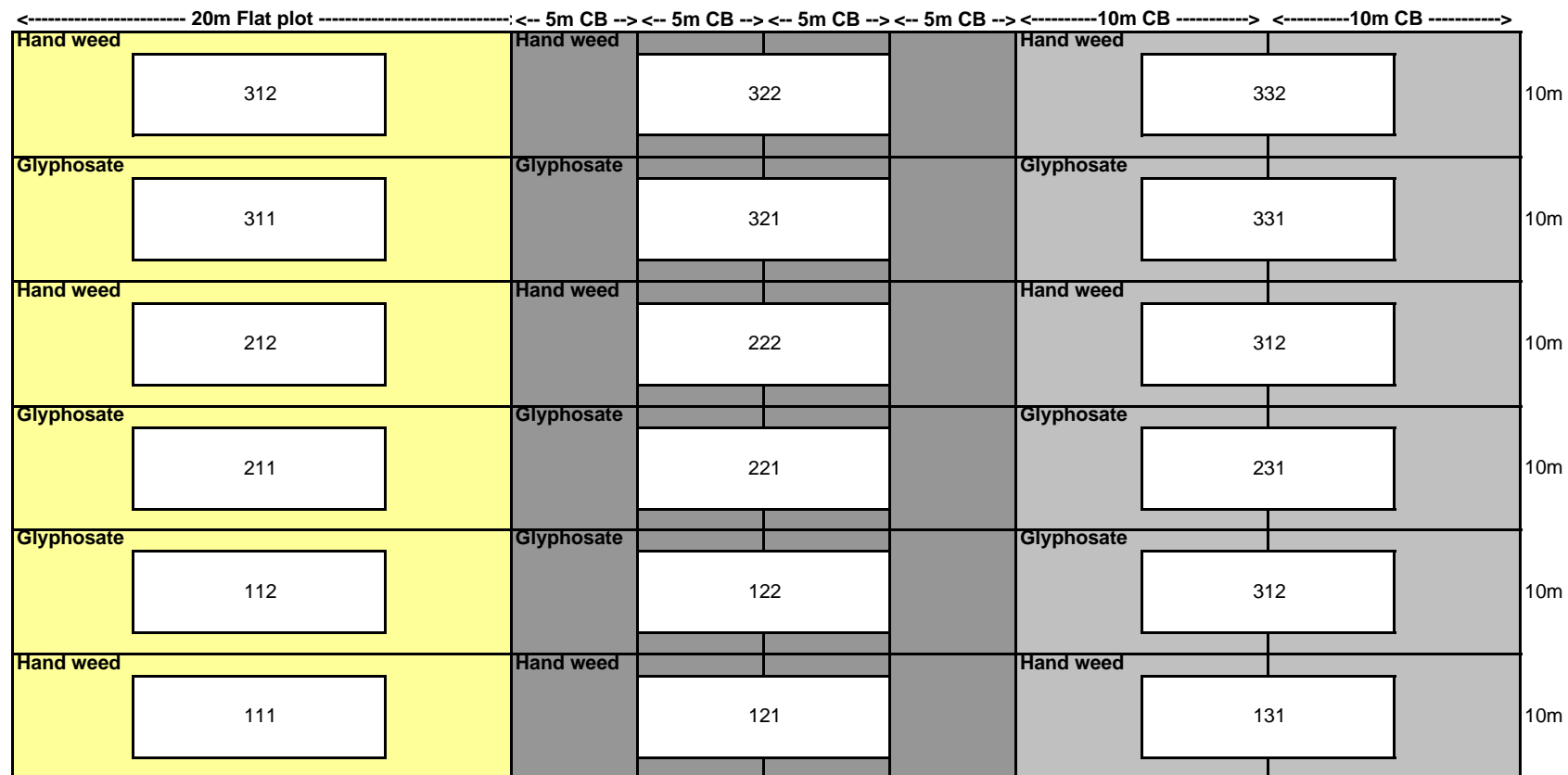


Trial area = 40m x 40m = 1600 sq m

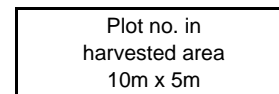
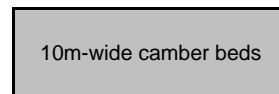
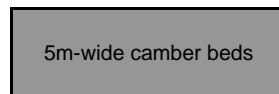
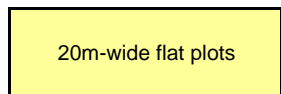
Plot sizes = 20m x 20m = 400 sq m

Harvest are 10m x 10m = 100 sq m

PLAN OF DEMONSTRATION TRIAL SITE (not to scale)



Key:



ANNEX 3G