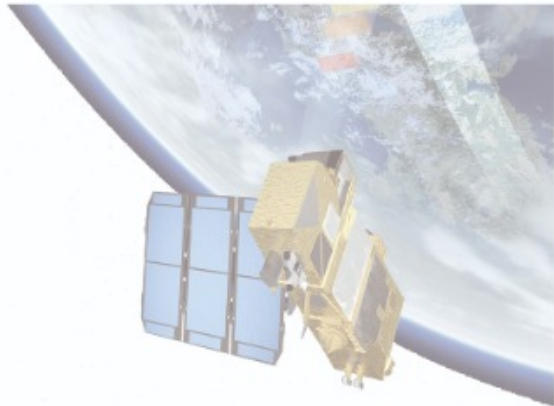




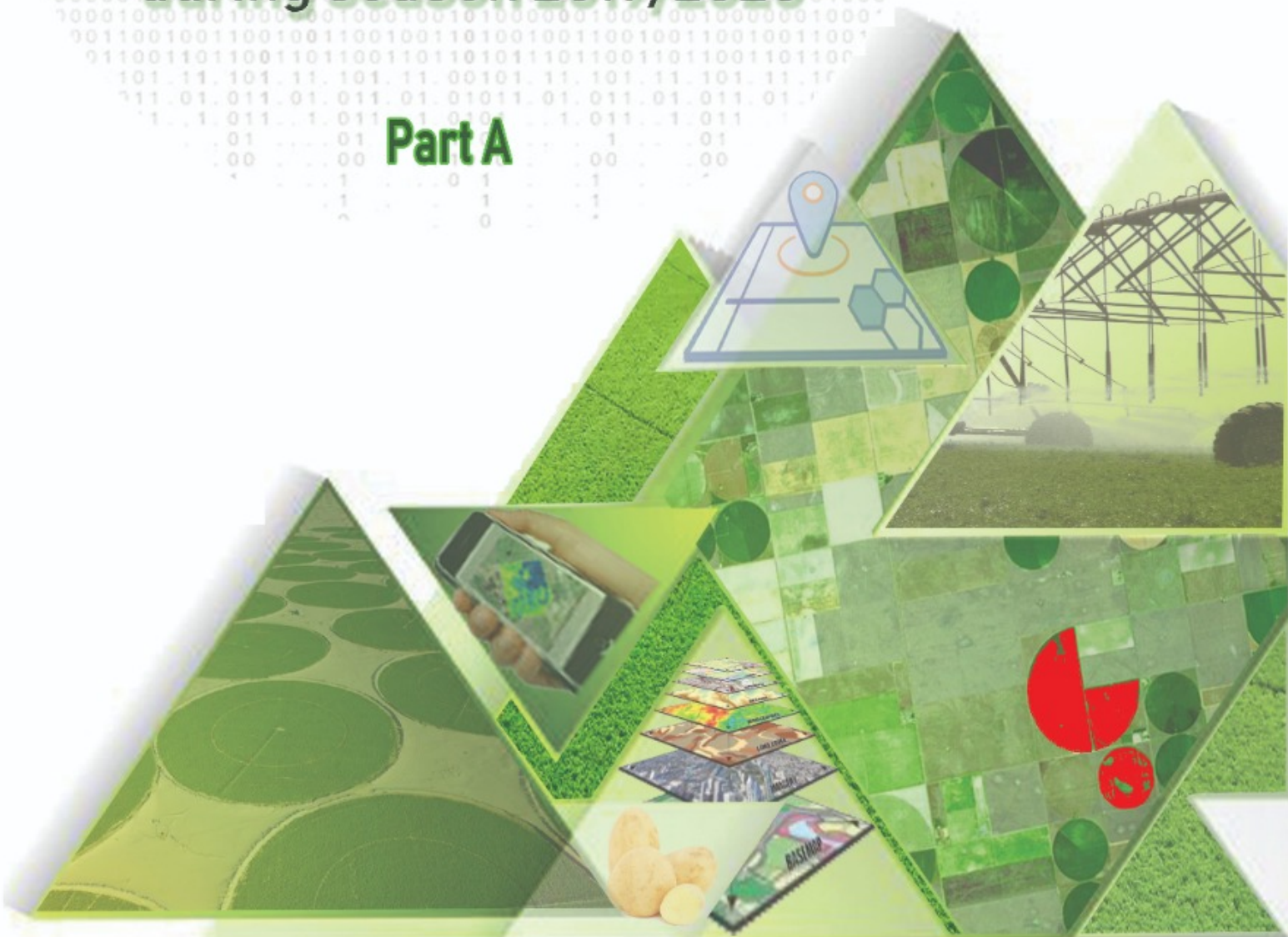
Potato Brown Rot Project



Pest Free Areas (PFAs) for Exporting Potatoes

during season 2019/2020

Part A



Ministry of Agriculture and Land Reclamation
Potato Brown Rot Project
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وزارة الزراعة واستصلاح الاراضي
مشروع حصر ومكافحة مرض العفن البني في البطاطس
تليفون: 33368398-37498673-33363582
فاكس: 37495534
العنوان: 3 شارع الاميرة فاطمة اسماعيل
متفرع من شارع البطل احمد عبد العزيز - الجيزة

Part "A"

This part demonstrates the Pest Free Areas (PFAs) of Potato Brown Rot Disease in Egypt, that have been established consistent to article 6 of the WTO - SPS agreement and accordance to the guidelines of the IPPC (ISPM #4 & 29) requirements for establishment of Pest Free Areas.

This part contains the approved basins (pivots) by the Egyptian authorities that are going to be used for potato production and exportation for 2019/2020 season.

Notice: all Egypt is free from the following pests

- *Epirtrix cucumeris* (Haris)
- *Epirtrix similaris* (Gentner)
- *Epirtrix subcrinita* (Lec.)
- *Epirtrix tubaris* (Gentner)

(according to the commission implementing Decision no. 2012/270/EU of May 16, 2012).

Dr. Naglaa Moussa Balabel

Dr. Naglaa Balabel

Director of Potato Brown Rot Project

CONTENTS

No.	Gov. Code	PFA No.	PFA Name	Page
1	Alex (03)	PFA 01	El-Nahda Wa El-Hager	3:12
2	AS (97)	PFA 01	East Owainat (1)	13:51
		PFA 02	East Owainat (2)	52:54
		PFA 03	East Owainat (3)	55:59
		PFA 04	Naser Nuba	60:65
3	BH (45)	PFA 10	Wadi El-Natroun	66:178
		PFA 11	Gharb El-Nubaria	179:210
		PFA 12	Shamal El-Tahrir	211:216
		PFA 13	Ganoub El-Tahrir	217:233
		PFA 14	El-Bostan	234:247
4	GZ (02)	PFA 03	El-Haram	248:264
5	IS (64)	PFA 01	El-Shabab	265:270
		PFA 02	El-Kantarah Shark	271:280
		PFA 03	El-Tal El-Kebir	281:295
		PFA 04	Ismailia	296:306
		PFA 06	Fayed	307:309
6	MIN (86)	PFA01	Abu Qirqas	310:317
		PFA07	El-Minya	318:322
		PFA09	Samalut	323:326
7	MM (46)	PFA 01	Siwa Oasis	327:332
		PFA 02	El Hamam	333:336
8	MN (48)	PFA 09	El-Sadat	337:356
9	SH (55)	PFA 01	El-Salhia	357:366
10	WG (92)	PFA 1A	Sahl Baraka (1A)	367:372
		PFA 1B	Sahl Baraka (1B)	373:375
		PFA 1C	Sahl Baraka (1C)	376:378
		PFA 1D	Sahl Baraka (1D)	379:381
		PFA 02	El Farafrah	382:398
		PFA 03	El- Wahat El-Bahria	399:410

All information about PFAs (A) for different Egyptian Governorates

No.	Gov. Code	PFA No.	PFA Name	Total PFA (feddan)	No. of Farm	No. of pivots	No. of basins
1.	Alex (03)	01	El-Nahda Wa El-Hager	17140	5	12	3
Total				17140	5	12	3
2.	AS (97)	01	East Owainat (1)	109485	32	501	194
		02	East Owainat (2)	9700	1	141	0
		03	East Owainat (3)	30000	3	164	0
		04	NaserNuba	2330	4	29	1
Total				151515	40	835	195
3.	BH (45)	10	Wadi El-Natroun	100282	102	985	88
		11	Gharb El-Nubarria	69210	29	161	46
		12	Shamal El-Tahrir	640	4	0	6
		13	Ganoub El-Tahrir	45141	15	32	22
		14	El-Bostan	2784	12	8	18
Total				218057	162	1186	180
4.	GZ (02)	03	El-Haram	4798	12	21	9
Total				4798	12	21	9
5.	IS (64)	01	El-Shabab	22900	1	108	0
		02	El-Kantarrah Shark	4670	8	13	21
		03	El-Tal El-Kebir	5699	13	44	13
		04	Ismailia	8951	9	95	0
		06	Fayed	200	1	2	0
Total				42420	32	262	34
6.	MIN (86)	01	Abu Qirqas	2500	3	19	0
		07	El-Minya	2177	3	18	3
		09	Samalut	4275	2	28	0
TOTAL				8952	8	65	3
7.	MM (46)	01	Siwa Oasis	3000	1	13	0
		02	El Hamam	400	2	2	2
Total				3400	3	15	2
8.	MN (48)	09	El-Sadat	21735	14	53	20
Total				21735	14	53	20
9.	SH (55)	01	El-Salhia	13833	5	107	7
Total				13833	5	107	7
10.	WG (92)	1A	Sahl Baraka (1A)	2400	1	24	0
		1B	Sahl Baraka (1B)	2400	1	24	0
		1C	Sahl Baraka (1C)	2400	1	0	24
		1D	Sahl Baraka (1D)	2400	1	0	24
		02	El Farafrah	18157	15	118	0
		03	El- Wahat El-Bahria	9580	10	114	0
Total				37337	29	280	48
General Total				519187	310	2836	501

Notes:-

Alex = Alexandria Governorate

AS = Aswan Governorate

BH = EL-Beheira Governorate

WG = EL Wadi El Geded Governorate

GZ =Giza Governorate

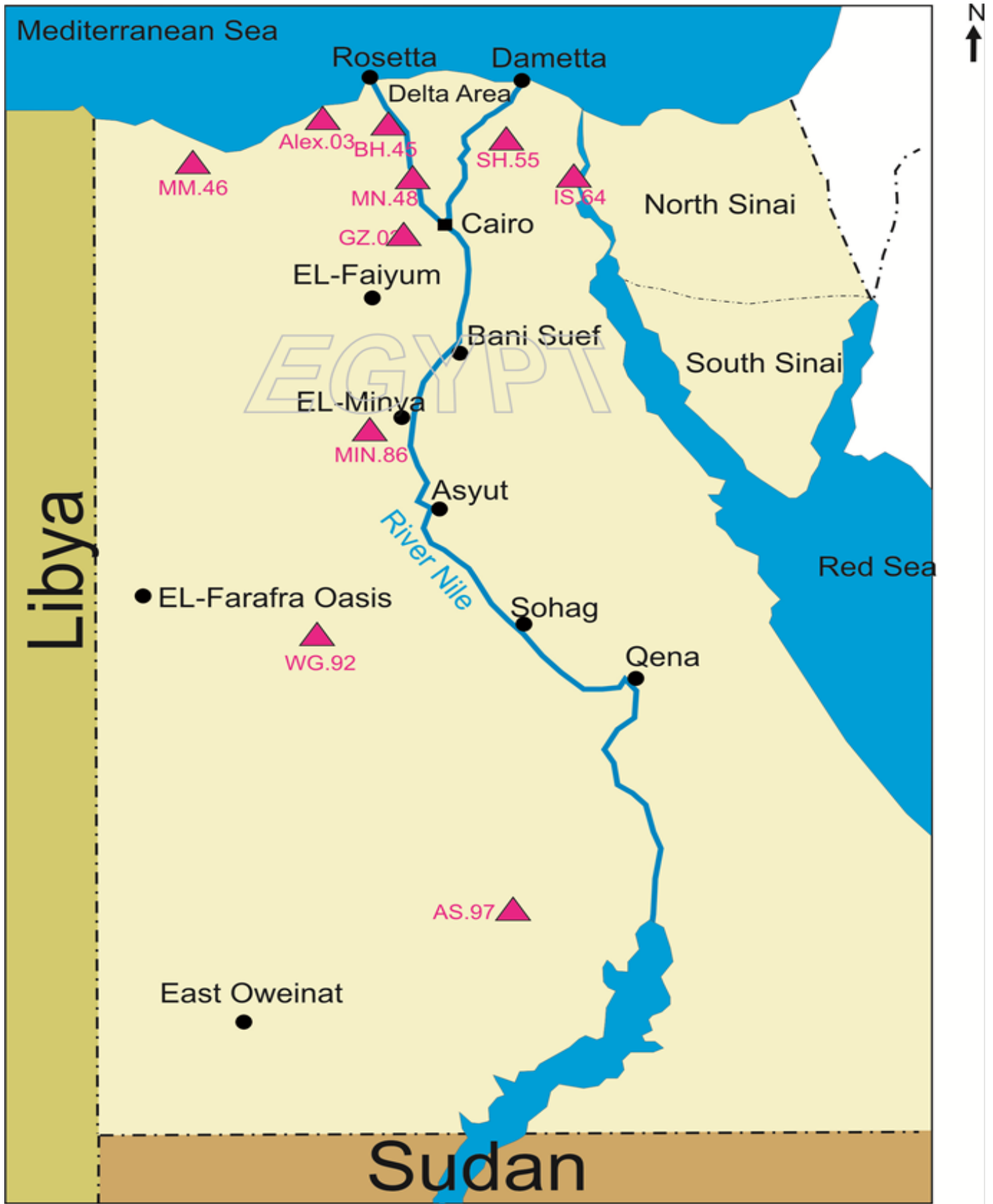
IS = Ismailia Governorate

MIN = Minya Governorate

























MM =Marsa Matrouh Governorate

MN= Menufyia Governorate

SH = Sharkia Governorate



MAPS KEY

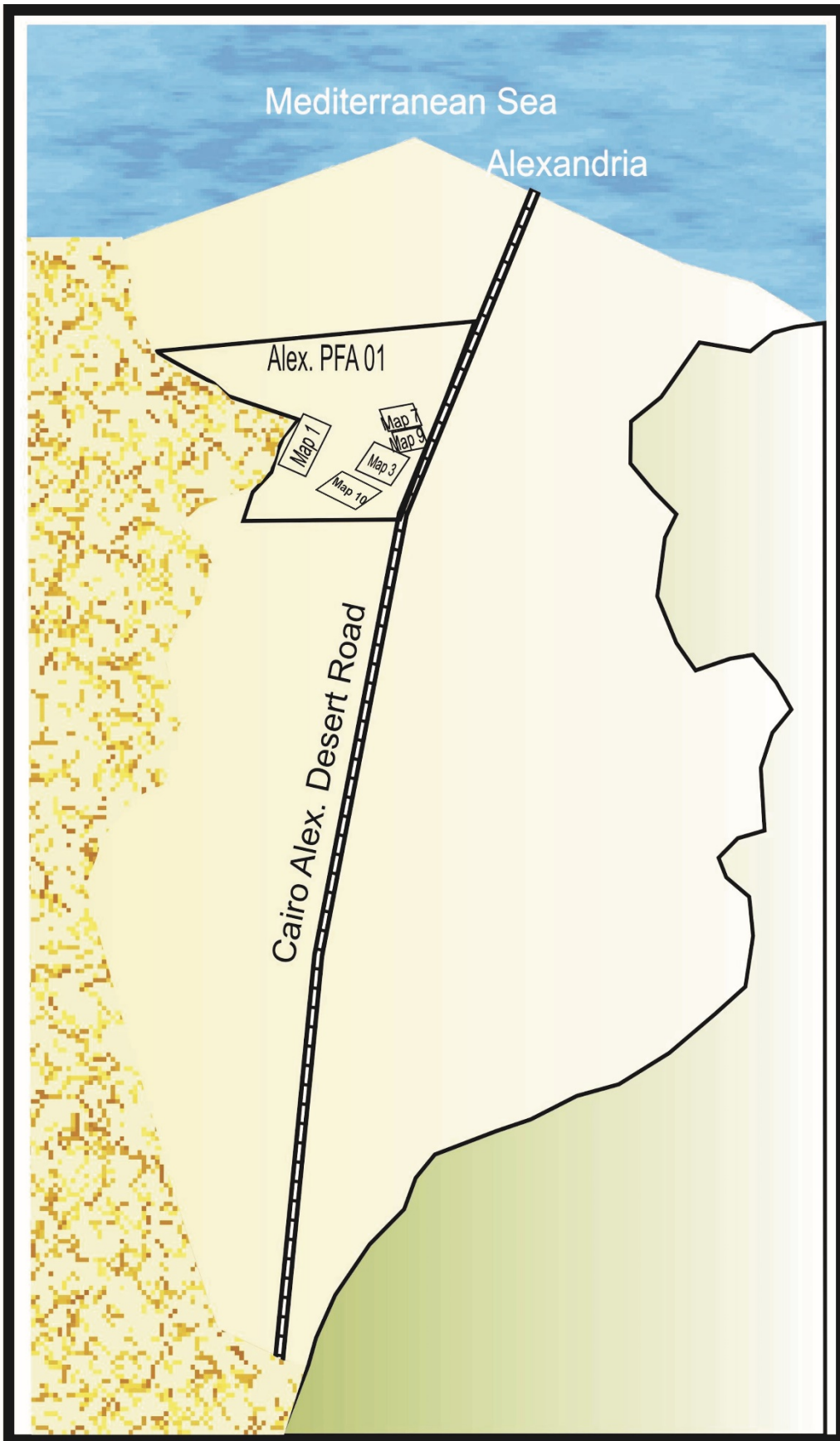
	Highway
	PFA Boundary
	Basin Border
	Railway
	Main Drain
	Branch Drain
	Small Drain
	Main Canal
	Branch Canal
	Small Canal
	Pump Station
	Artisan well
	Valve
	Village
	Sandy Area
	Map Boundary
	Farm Border
	Infested Area
	Pivot
	Weed Sample
	Water Sample
	GPS Site
	Administration building
	Area for horticulture



PEST FREE AREA

Alex (03)

2019/2020



General Map
Alexandria 03

General data of the PFAs at Alexandria (Alex) 03

PFA	Total Pest Free Area (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2018/2019		Export to EU (tons) 2018/2019 Export Total	Proposed For 2019/2020		
		Total	Export		No of samples	No of basins (Pivots)	No of samples			No of basins (Pivots)	No of water samples	No of weed samples
							Total	Export				
PFA 01	17140	3000	1800	3(12)	0	0	0	0	0	30	77	
Total	17140	3000	1800	3(12)	0	0	0	0	0	30	77	

Pest Free Area Sheet
Alexandria (Alex) 03, PFA No.01

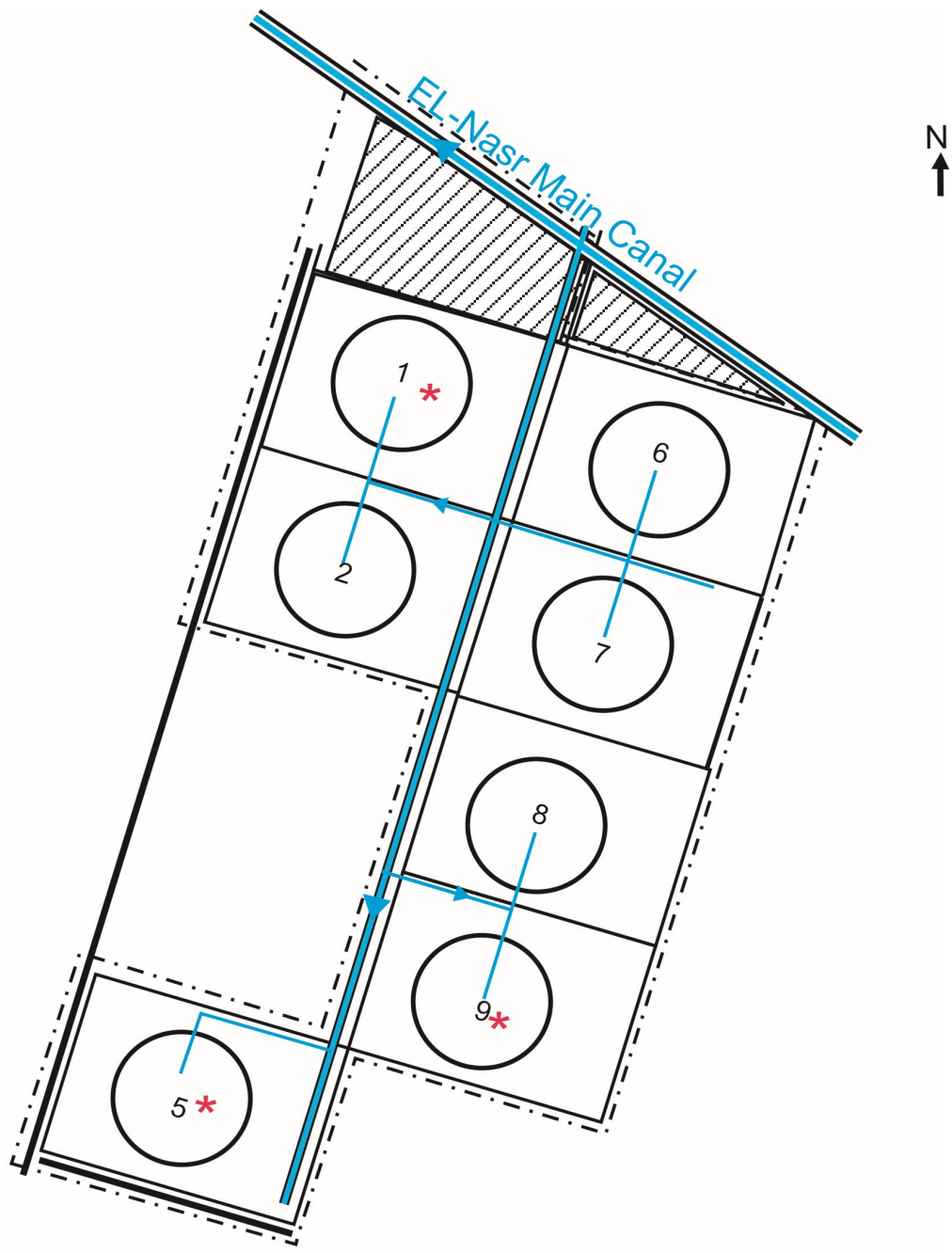
1. Name of PFA: El-Nahda Wa El-Hager
2. No. of maps: 5
3. Boundaries:
 - North: Mediterranean Sea
 - South: El-Beheira Governorate
 - East: El-Beheira Governorate
 - West: Marsa Matrouh Governorate

Total Pest Free Area (feddan): 17140
Total area proposed for potato: 3000
Total area proposed for export: 1800

1. Type of soil : Sandy to loamy sand
2. Irrigation system: Drip and Over Head Sprinkler Irrigation System.
3. Source of water: El-Nasr Canal
4. Rotation system 2016/2017 2017/2018 2018/2019
Summer season: Maize & others Maize, Peanut Peanut, Melon& other
Winter season: Potato & Vegetables Wheat, Clover and Potato Wheat, Beans & other
5. No. of basins (pivots): 3 (12)
6. Code No. of infection inside PFA and date of discovery: None
7. Is infection present upstream when surface water is used: No
8. Seed source : seeds tested for brown rot Result: free
9. No. of water samples tested : 30 (free)
10. No. of weed samples tested : 77 (free)
11. No. of potato samples visually inspected : 0
12. No. of basins (pivots) visually inspected : 0
13. No. of potato samples tested by IF for export : 0
14. No. of growers : 5
15. General remarks:

Codes No. of Alexandria (Alex) 03, PFA No.01 (El-Nahda Wa El-Hager)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 1										
03	01	01	(01>02 05>09)	Talat Mostafa farm						
Map 3										
03	01	03	(01)	Sobhy Hussen farm						
Map 7										
03	01	07	(01>02)	Tiba farm						
Map 9										
03	01	09	01>03	Shehab farm						
Map 10										
03	01	10	(01>02)	Arfa						

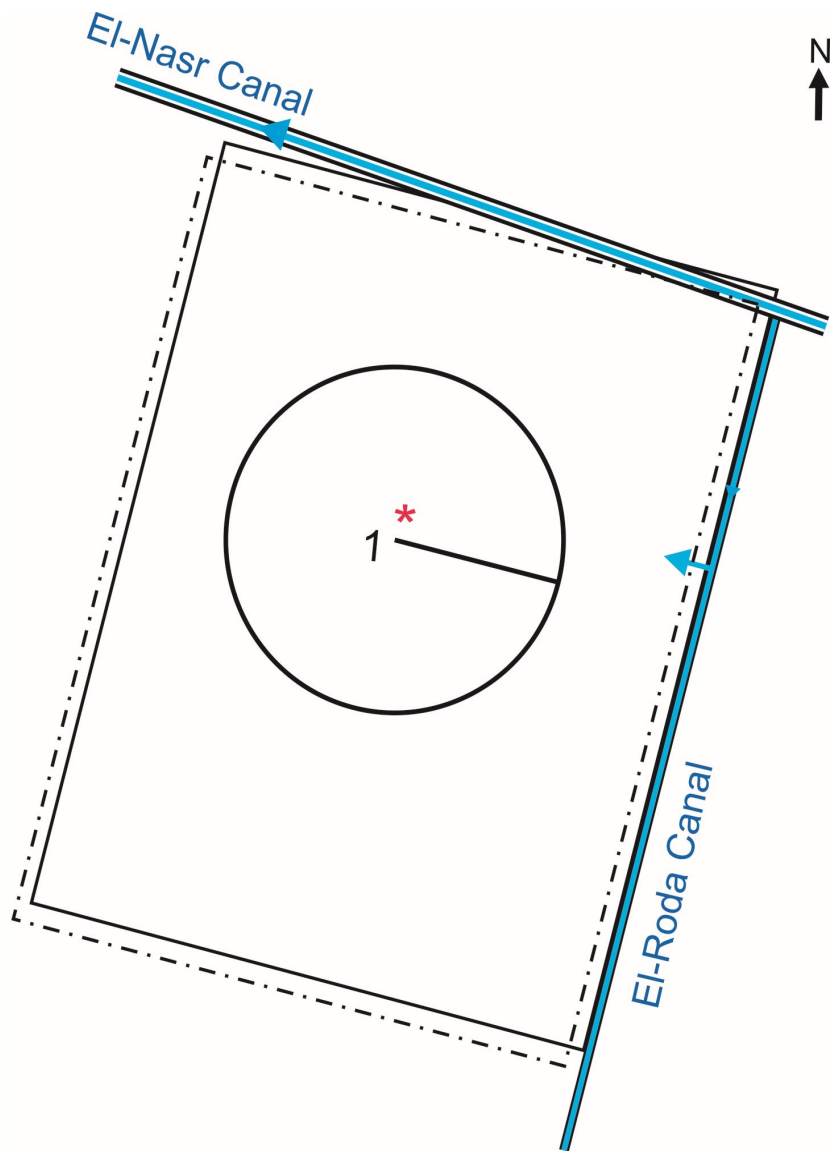


Alex. 03
PFA No.1
Map No.1

* P(1) X : 3403828
Y : 3780309

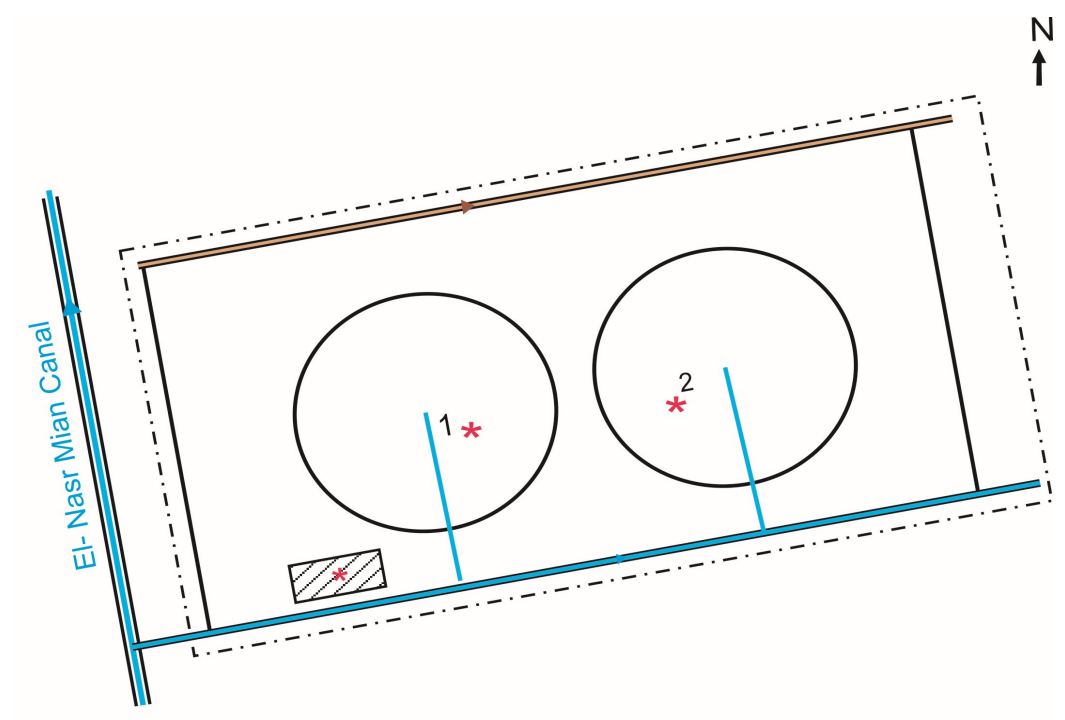
* P(5) X : 3401892
Y : 3777101

* P(9) X : 3401692
Y : 3778449



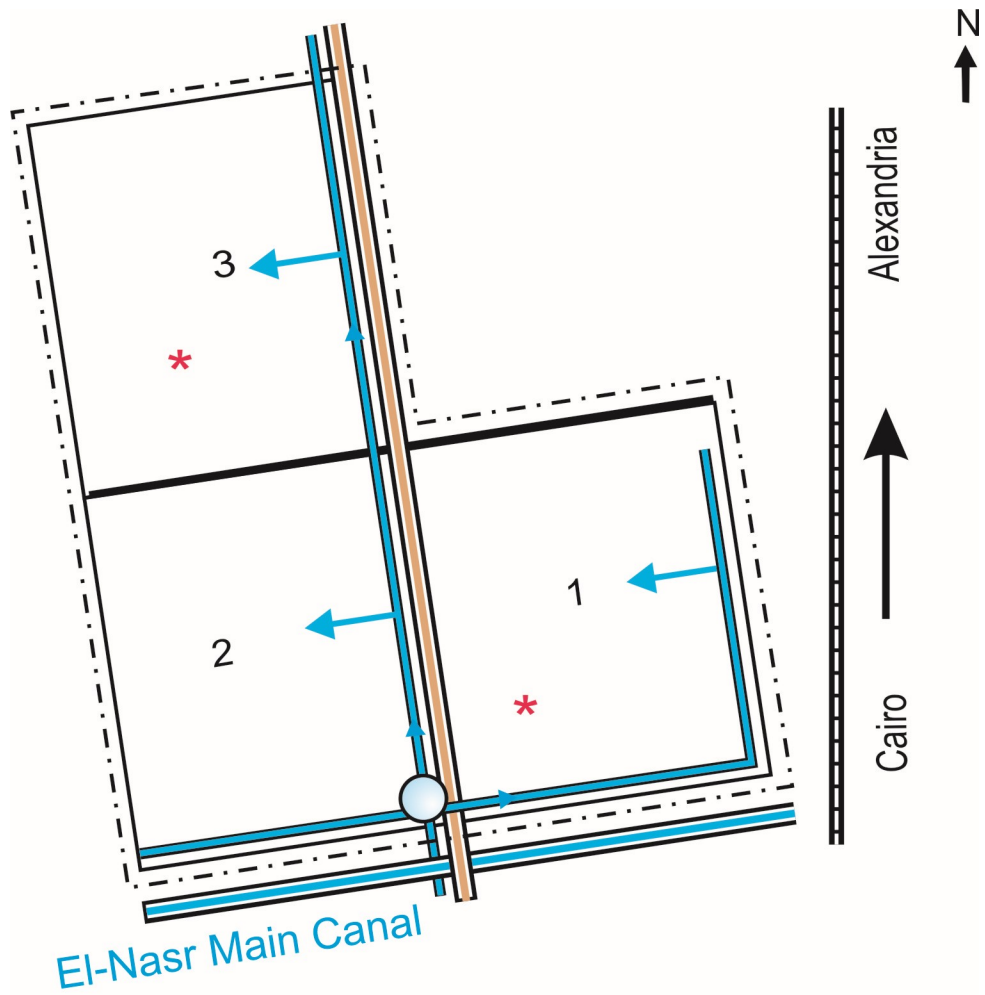
Alex.03
PFA No.1
Map No.3

* X : 3405448
Y : 3778002



Alex.03
PFA No.1
Map No.7

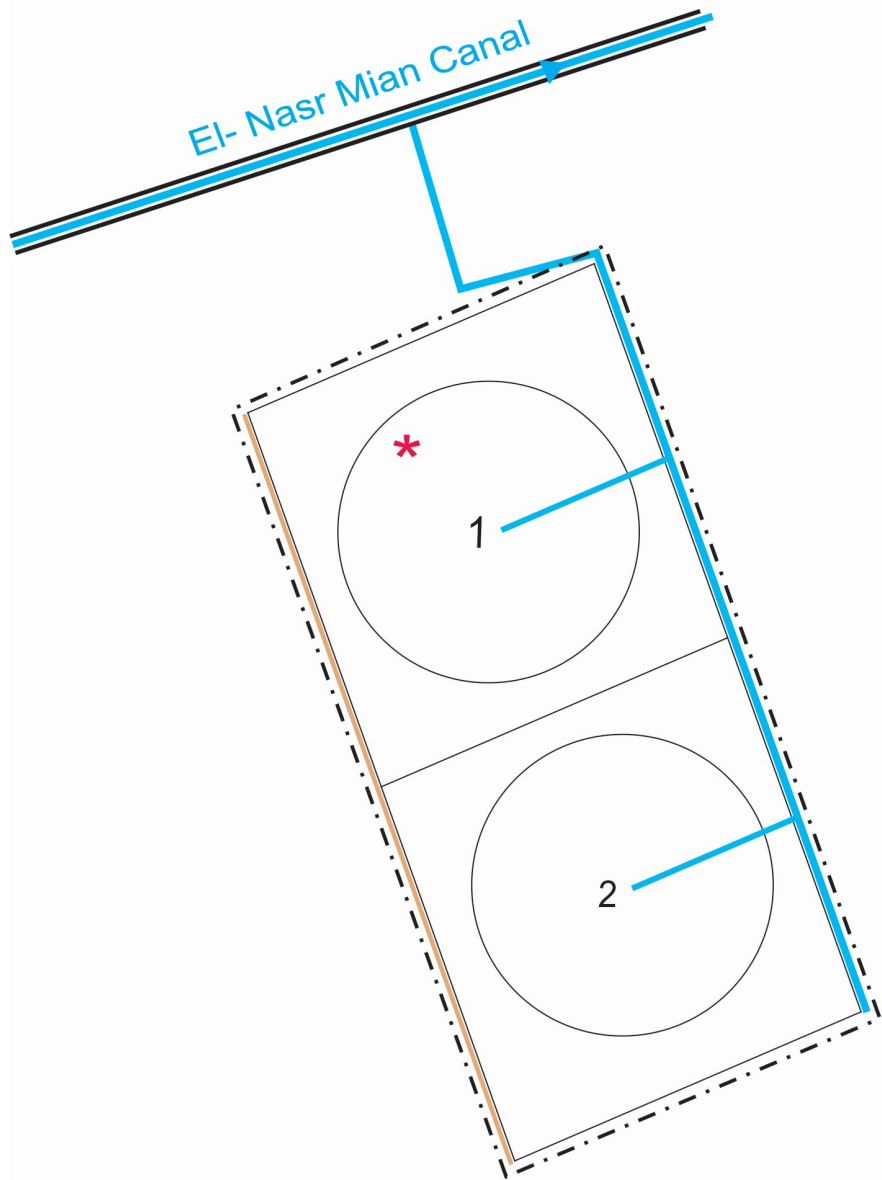
- * P(1) X : 3406119
Y : 3782621
- * P(2) X : 3406734
Y : 3783280



Alex 03
 PFA No.1
 Map No.9

*B(1) X : 3405841
 Y : 3748382

*B(3) X : 3405719
 Y : 3788076



Alex.03
PFA No.1
Map No.10

* P(1) X : 3406119
Y : 3782621



PEST FREE AREA

AS (97)

2019/2020

General data of the PFAs at Aswan (AS) 97

PFA	Total Pest Free Area (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2018/2019			Export to EU (tons) 2018/2019 Export	Proposed For 2019/2020	
		Total	Export		No of samples	No of basins (Pivots)	No of samples		No of basins (Pivots)		No of water samples	No of weed samples
							Total	Export				
PFA 01	109485	41595	36595	194(501)	588	(49)	2763	2763	(49)	65703.85	1328	466
PFA 02	9700	2700	900	(141)	84	(7)	192	192	(7)	4781.040	296	130
PFA 03	30000	3500	2500	(164)	120	(10)	169	169	(10)	4175	328	118
PFA 04	2330	1480	1280	1(29)	72	(6)	96	96	(6)	2295	57	102
Total	151515	49275	41275	195(835)	864	(72)	3220	3220	(72)	76954.89	2009	816

Pest Free Area Sheet
Aswan (AS) 97, PFA No.01

1. Name of PFA: East Owainat (1)
2. No. of maps: 32
3. Boundaries:
 - North: Desert area
 - South: Desert area
 - East : Desert area
 - West : PFA 02 + Desert area
4. Total Pest Free Area (feddan): 109485
 - Total area proposed for potato: 41595
 - Total area proposed for export: 36595
5. Type of soil : Sandy
6. Irrigation system: Drip and Pivot Irrigation System
7. Source of water: Wells (Artesian)
8. Rotation system

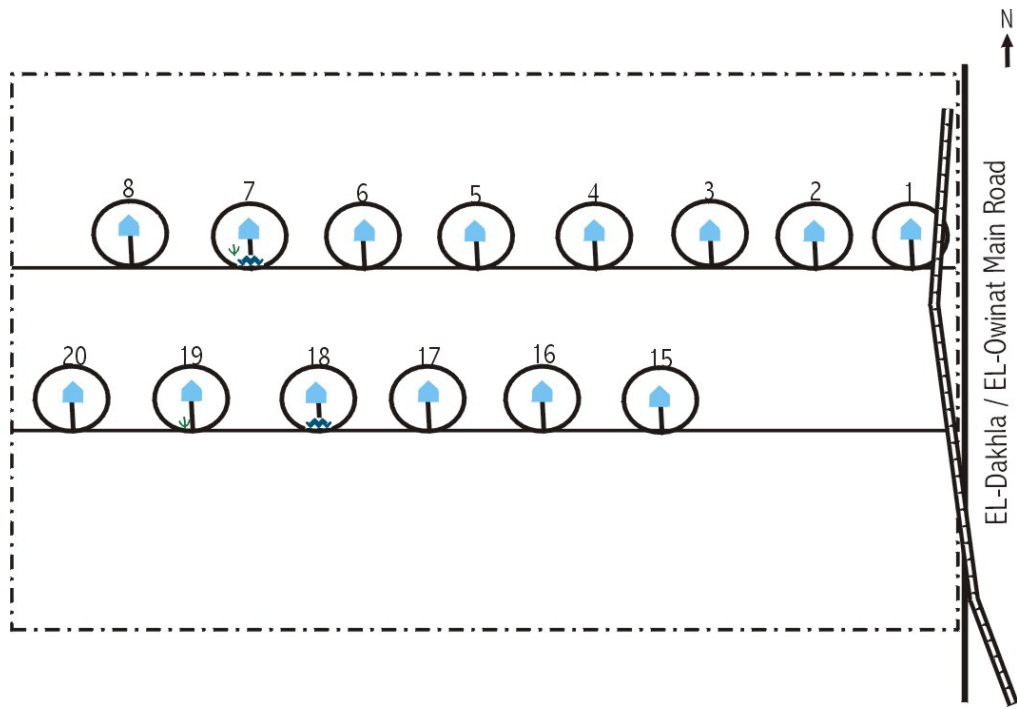
	2016/2017	2017/2018	2018/2019
Summer season:	Wheat and Potato	Wheat and Potato	Potato, Clover and others
Winter season:	Potato, Melon and peanut	Potato, Vegetables and others	Melon and Potato
9. No. of basins (pivots): 194(501)
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested: 1328 (free)
14. No. of weed samples tested: 466 (free)
15. No. of potato samples visually inspected: 588 free
16. No. of basins (pivots) visually inspected: (49) free
17. No. of potato samples tested by IF for export: 2763 (free)
18. No. of growers: 76
19. General remarks:

codes No. of Aswan(AS) 97, PFA No.01 (East Owainat (1))

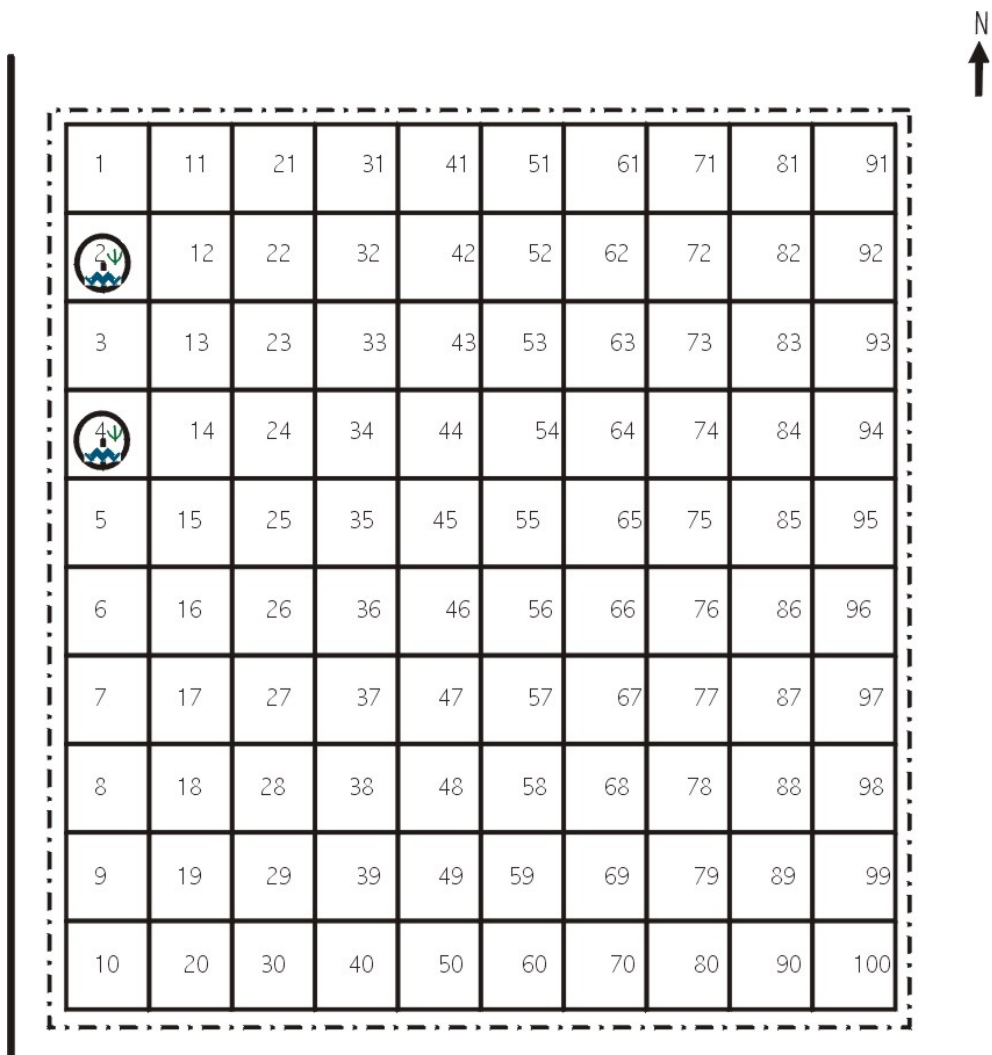
Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 10											
97	01	10	(01>08, 15>20)	El-Borsa (1)							
Map 14											
97	01	14	01,03 (02,04) 05>100	East Owainat Comp.							
Map 19											
97	01	19	(09>14)	El-Borsa (2)							
Map20(1)											
97	01	20(1)	01>5(1),(5(2)>06), 07>09,(10), 11>20,(21>23), 24>28,(29),30,32, 33	Horticultural Service Unit (old farm)							
Map20(2)											
97	01	20(2)	41>58	Horticultural Service Unit (new farm)							
Map 21(1)											
97	01	21(1)	01>52 (53>68)	El-Watania Comp.							
Map 21(1)											
97	01	21(2)	(31,41,82)	El-Watania Comp.							
Map 21(5)											
97	01	21(5)	(02>04,07>11, 23>27,31,38,39,41, 43,45>47,65>69)	El-Watania Comp.							
Map 21(6)											
97	01	21(6)	(02>04,06,07, 09>12,14>16, 18>22,24,26,27,30, 31,35,37,38,41,47, 48,51,53,56>58,60, 61,64,67,69,70,72, 73,76,77)	El-Watania Comp.							
Map 21(7)											
97	01	21(7)	(11,12,28,32,55, 69>71)	El-Watania Comp.							
Map 21(8)											
97	01	21(8)	(21>25,30>35, 39>42,47>50,52 55>59,62>66, 69>71)	El-Watania Comp.							

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 21(9)											
97	01	21(9)	(08,09,12,14, 23,25,62,77,78)	EI- Watania Comp.							
Map 21(11)											
97	01	21(11)	(01,11>12,25, 31>34,41>42, 44>46,53,55>56, 65>66,71,76)	EI- Watania Comp.							
Map 21(12)											
97	01	21(12)	(12)	EI- Watania Comp.							
Map 22											
97	01	22	(01>10, 24>25, 40>41,52>55)	Cleopatra Comp							
Map 23											
97	01	23	(01>03)	Wady Al Nokra							
Map 24											
97	01	24	(01>03,05>29, 33>41)	Lehaa			01,06,10, 38	10,39	157	24	
Map 25											
97	01	25	(01,06,07,09,11, 15,16,21,22 ,24>26,36>38, 41,45,54,57,58)	Rakhaa							
Map 26											
97	01	26	(01>35)	Navegator							
Map 27											
97	01	27	(01>25)	Snapel El Khair			10,17,18		74		
Map 28											
97	01	28	(01>07,13>20, 26>30)	Helma 1			28,29,30	02,05,06,07, 14,15,16,17, 18,26,28,29, 30	196	803	
Map 29											
97	01	29	(08>12,21>25, 31>35,36>40)	Helma 2			23,24,25, 33,34,35, 38,39,40	08,09,10,11, 21,22,24,25, 31,32,34,35, 36,37	476	1004	
Map 30											
97	01	30	(41>47,53>60, 66>70)	Helma 3			43,44,46, 47,53,54, 55,57,58, 59,60,67, 69	41,60,66,68, 70	782	303	
Map 31											
97	01	31	(48>52,61>65, 71>80)	Helma 4			48,49,50, 51,52,61, 62,63,64, 72,73,74, 78	65,71,75,76, 77,79,80	724	421	

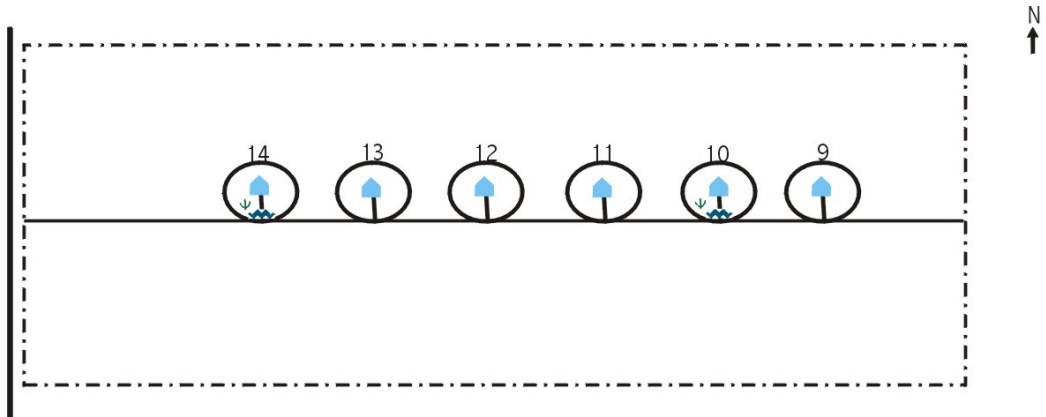
Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 32										
97	01	32	(01>20)	Erada			05	14,18	1	46
Map 33										
97	01	33	(01,05,08>10,12, 15,17,19>21,25, 28,37,41,43,44, 50)	Navegator 2						
Map 34										
97	01	34	(01>20)	Sahary Misr						
Map 35										
97	01	35	(01>15,18,19, 30>31)	Genan				02,05,07,08, 15,18		162
Map 36										
97	01	36	(09,18>19)	EL Shrouk						
Map 37										
97	01	37	(17,19,21)	El-Misria El-Amrikiya						
Map 38										
97	01	38	(03,04,06,07,09, 12,13,16,17,20)	El-Waha						
Map 39										
97	01	39	(01>02)	El- Zhahabia						



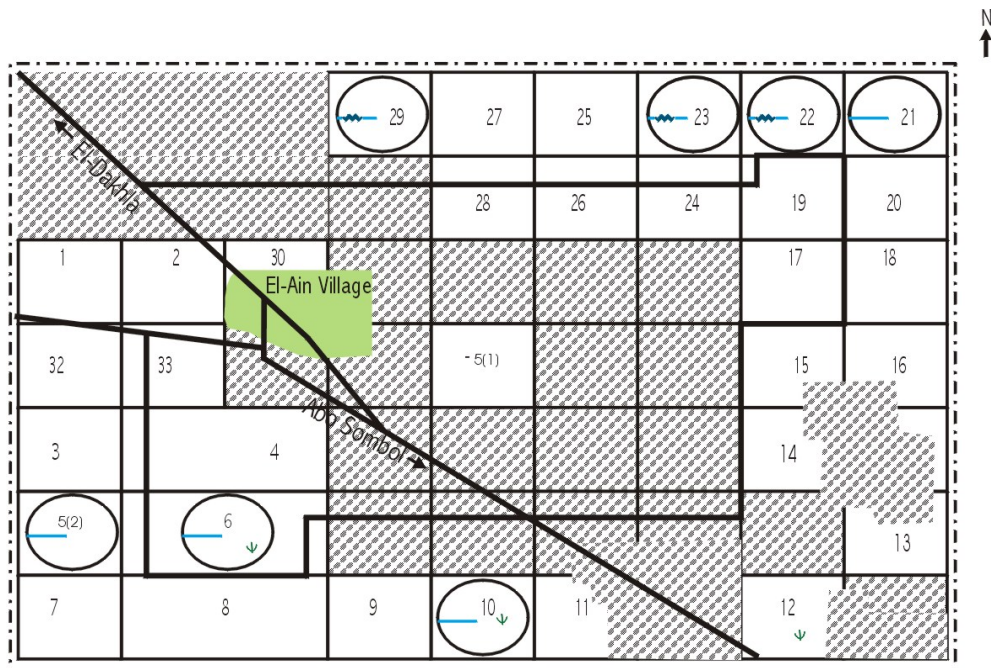
AS 97
PFA No.1
Map No.10




AS 97
PFA No.1
Map No.14

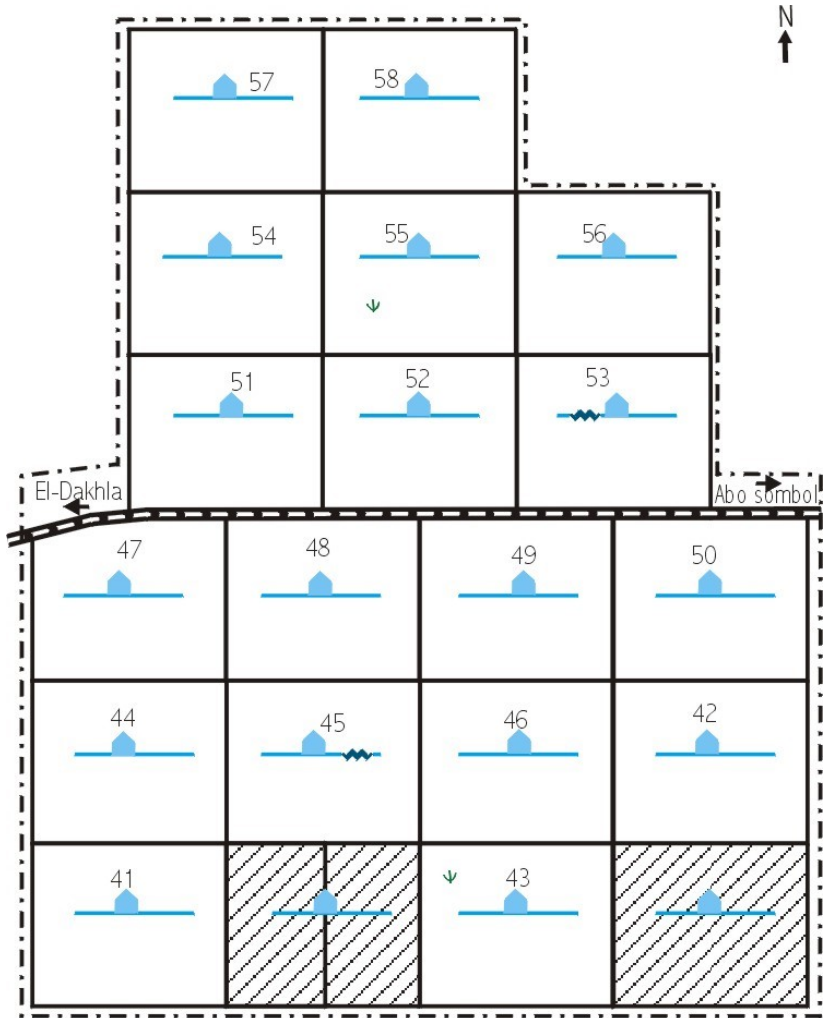


AS 97
PFA No.1
Map No.19



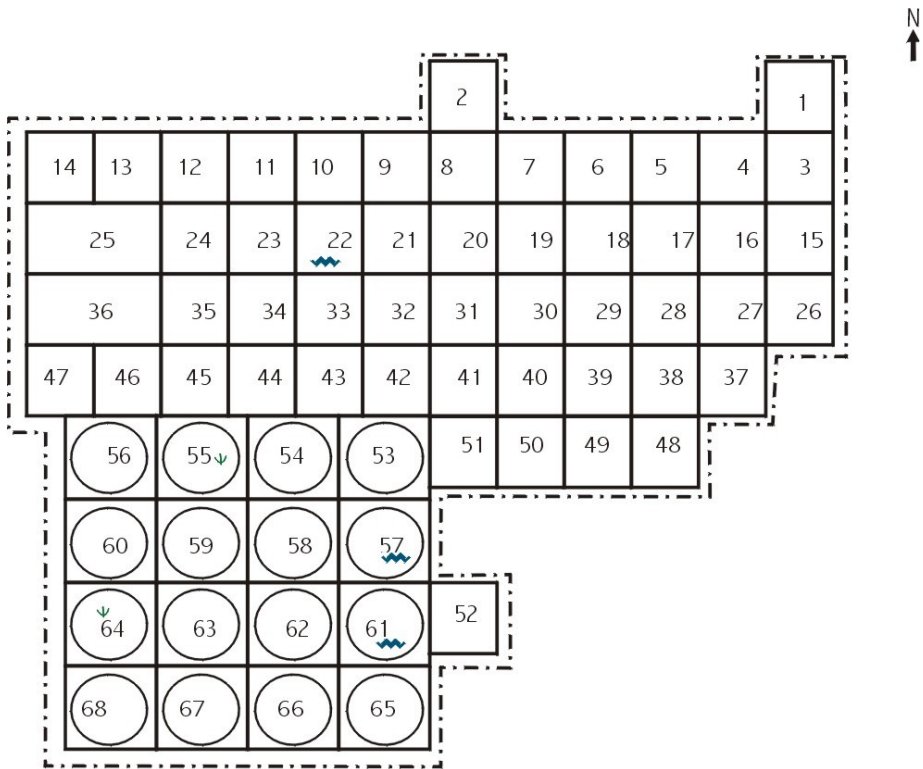
Uncultivated area 

AS 97
PFA No.1
Map No.20(1)

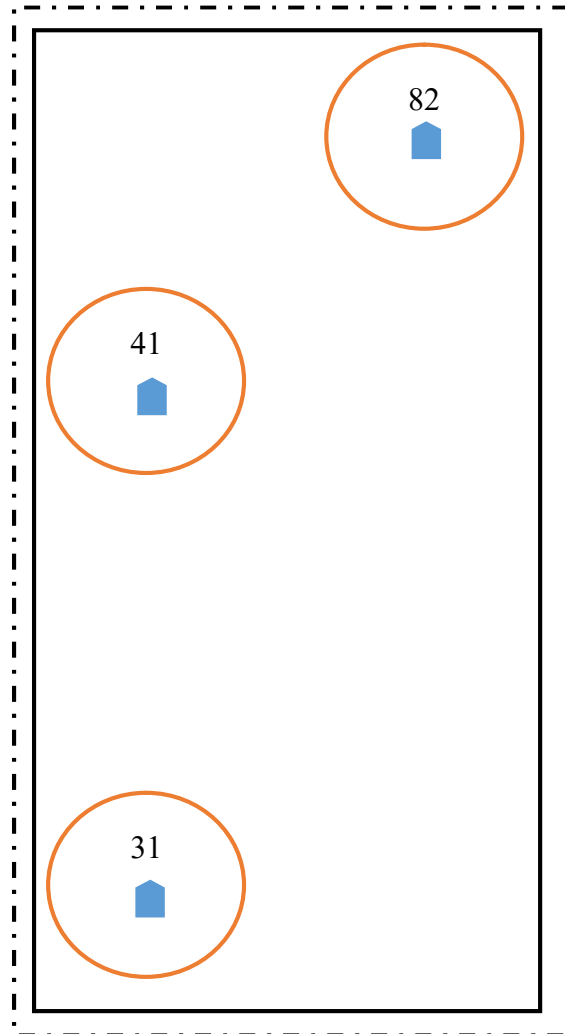


AS 97
PFA No.1
Map No.20(2)

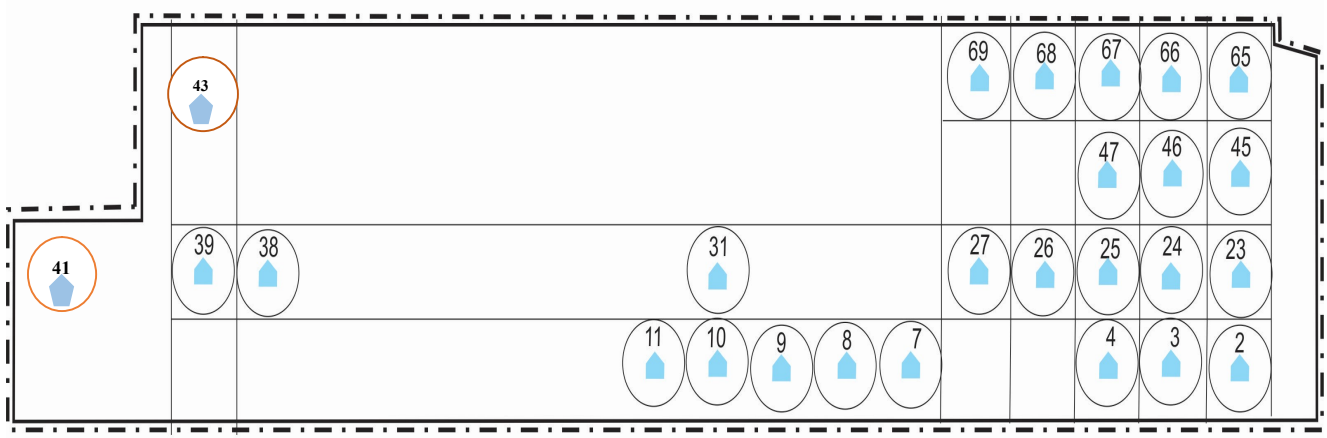
Uncultivated area 



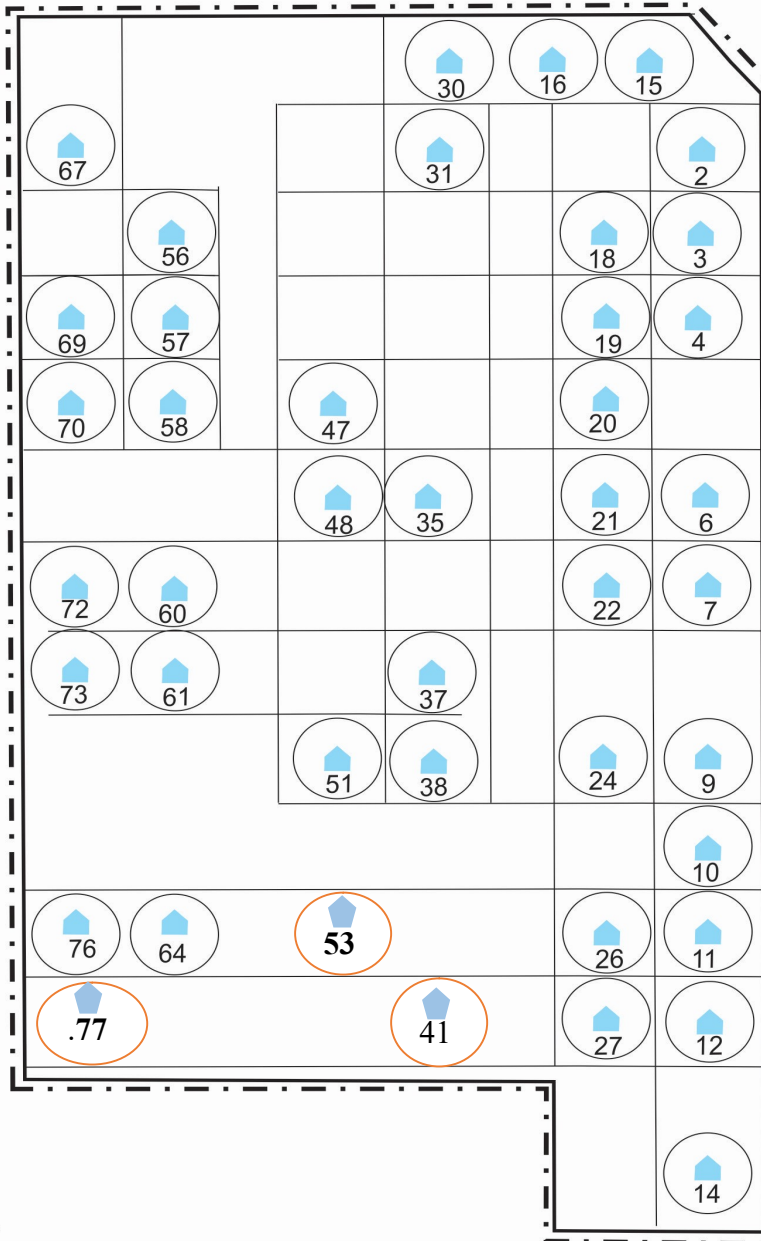
AS 97
PFA No.1
Map No.21(1)



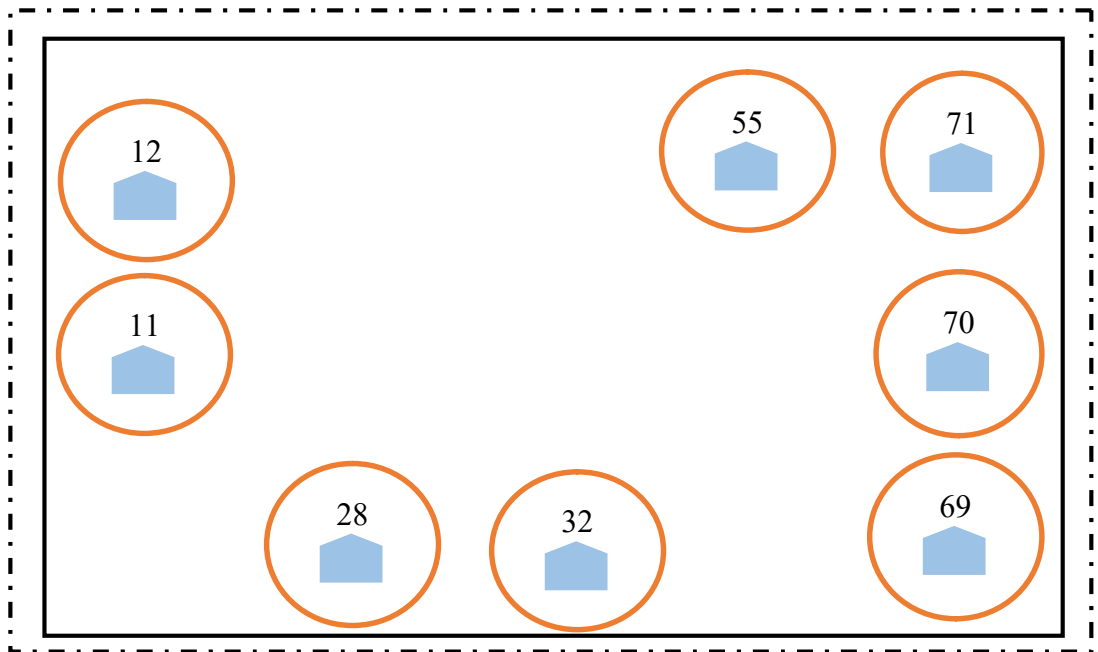
AS 97
PFA No. 01
Map No. 21(2)



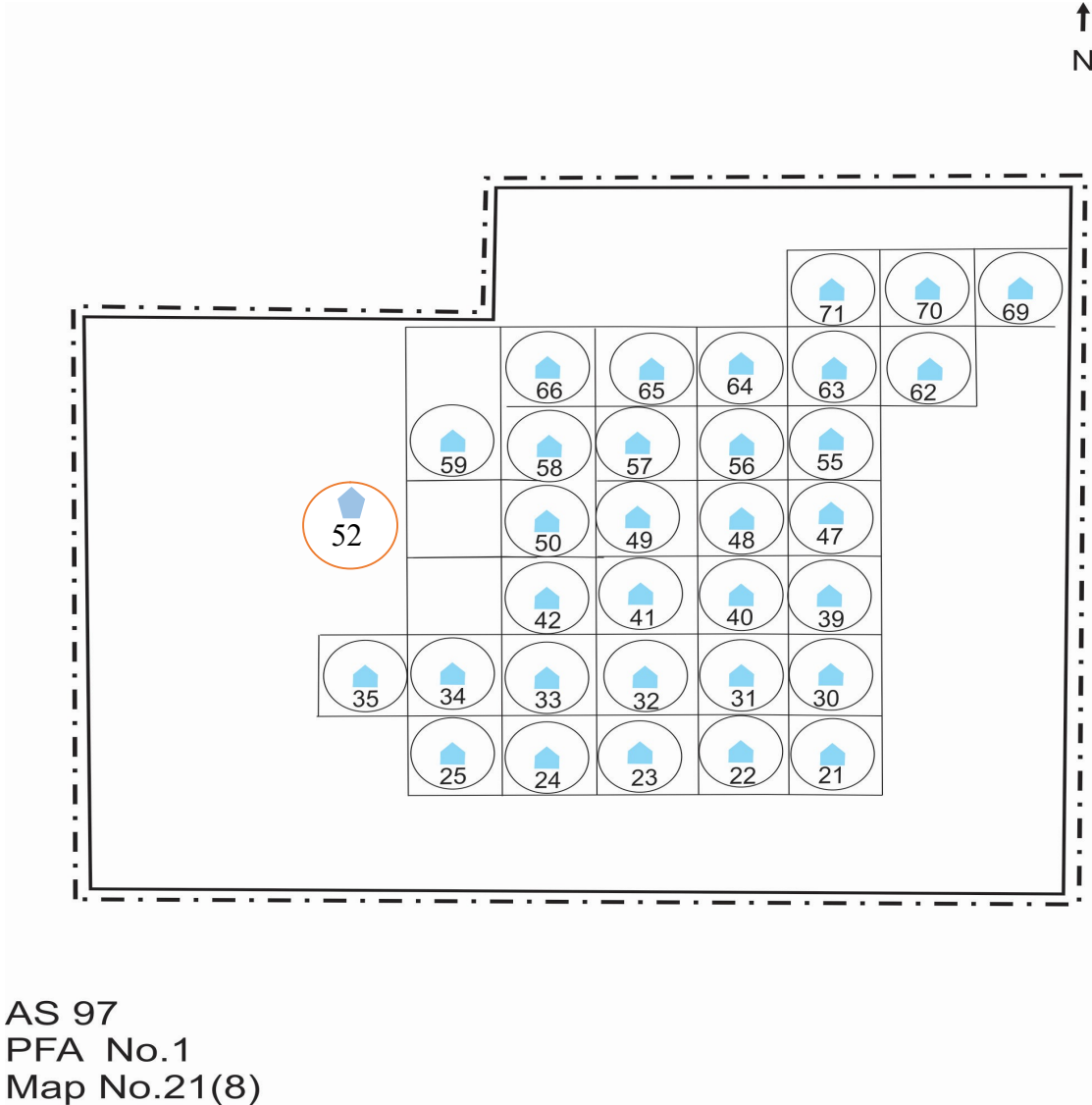
AS 97
PFA No.1
Map No.21(5)

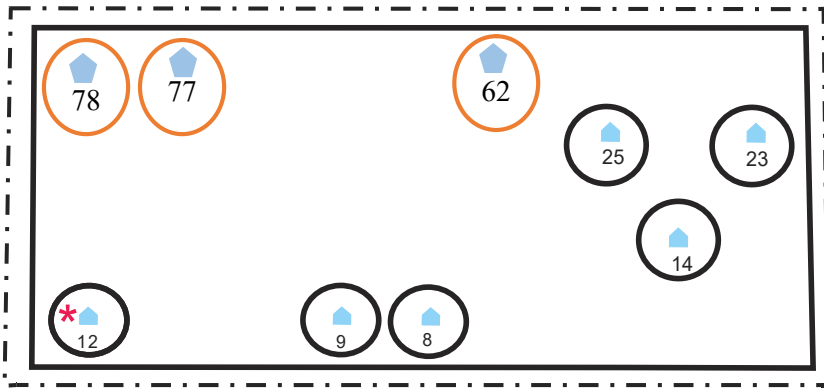


AS 97
PFA No.1
Map No.21(6)



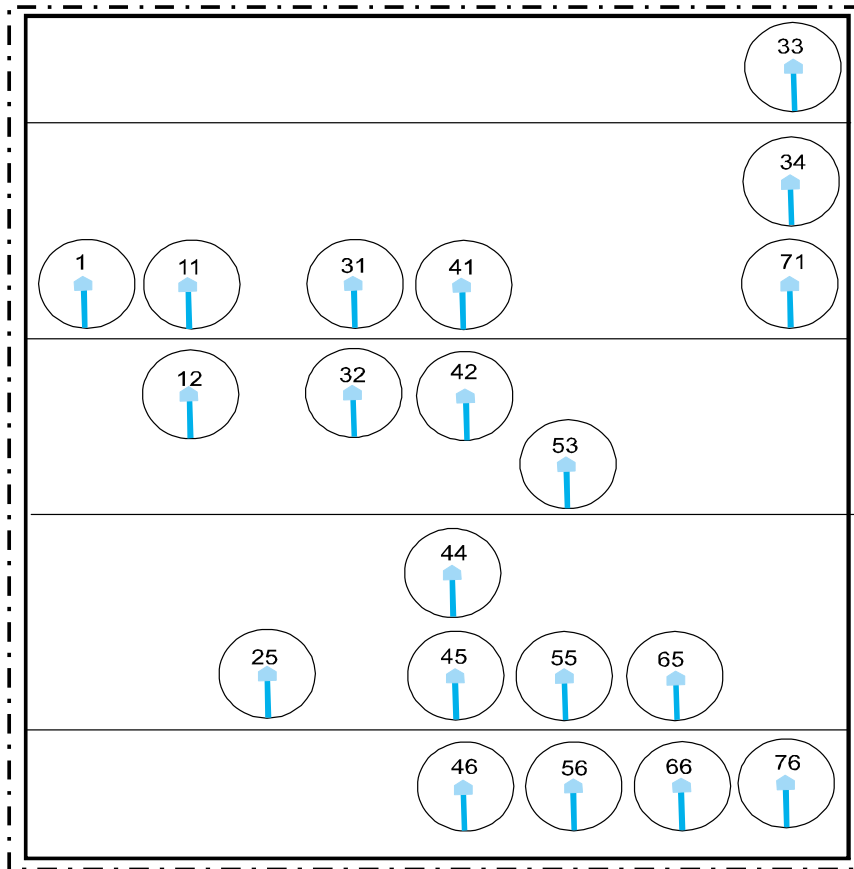
AS 97
PFA No. 1
Map No. 21(7)



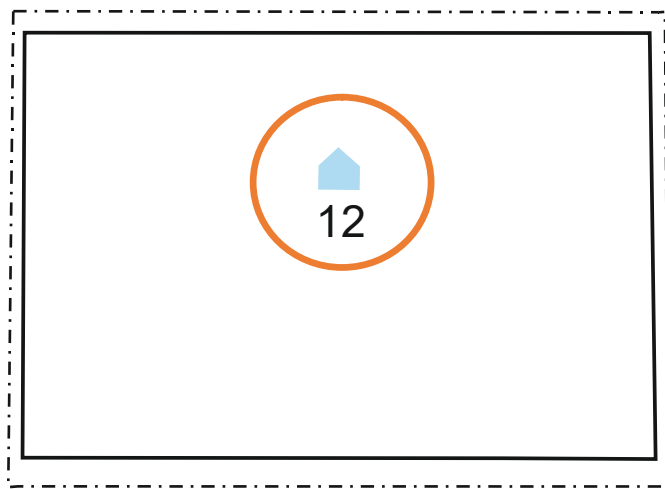


AS 97
PFA No. 01
Map No. 21(9)

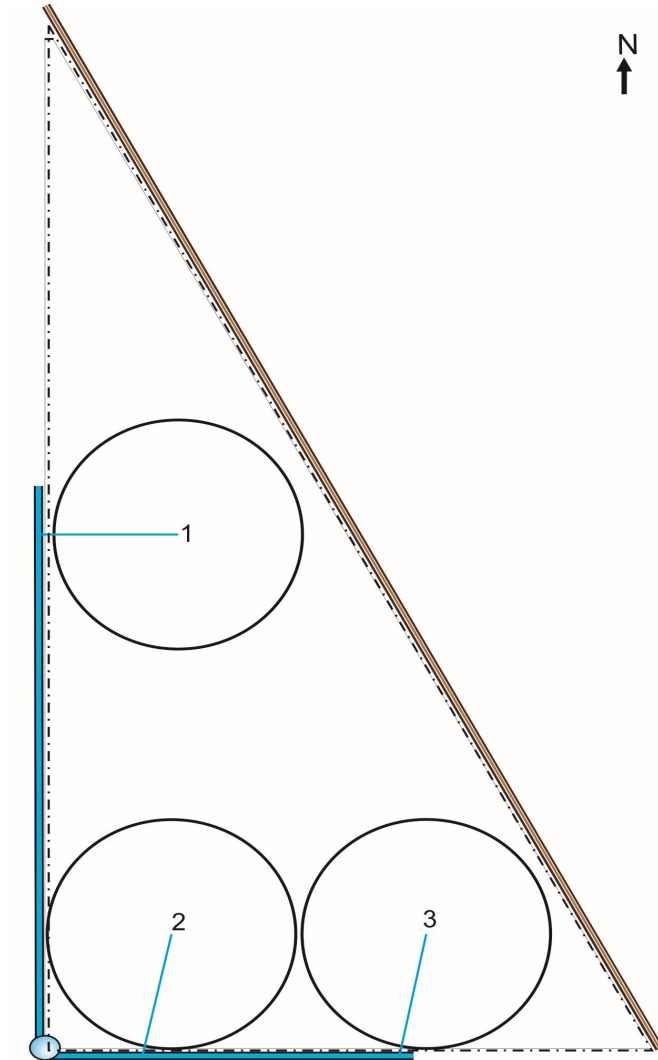
*P(12)E:2813207
N2235093



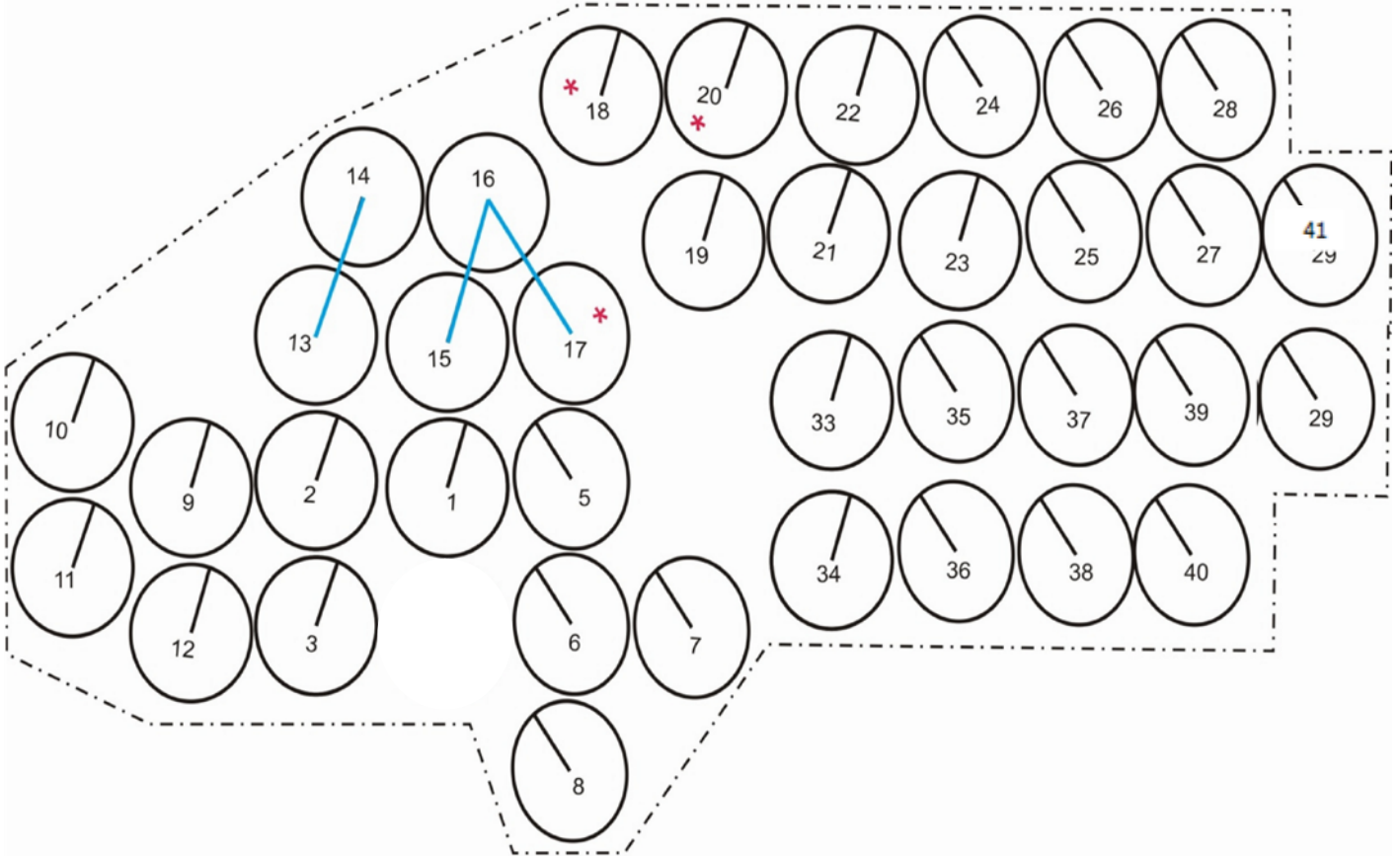
AS 97
PFA No.01
Map No.21(11)



AS 97
PFA No.01
Map No.21(12)



AS 97
PFA No.1
Map No.23

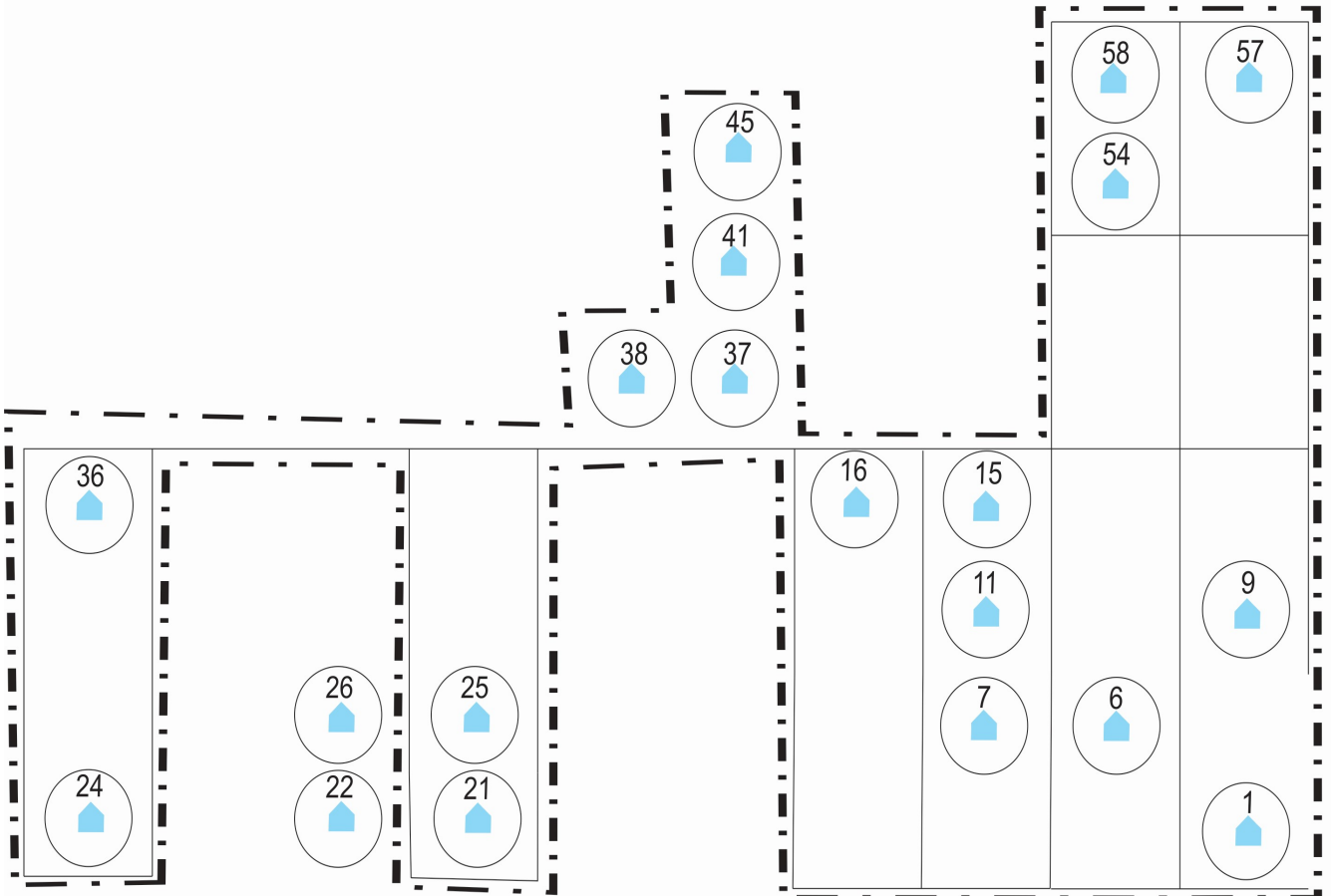


AS 97
PFA No 01
Map No 24

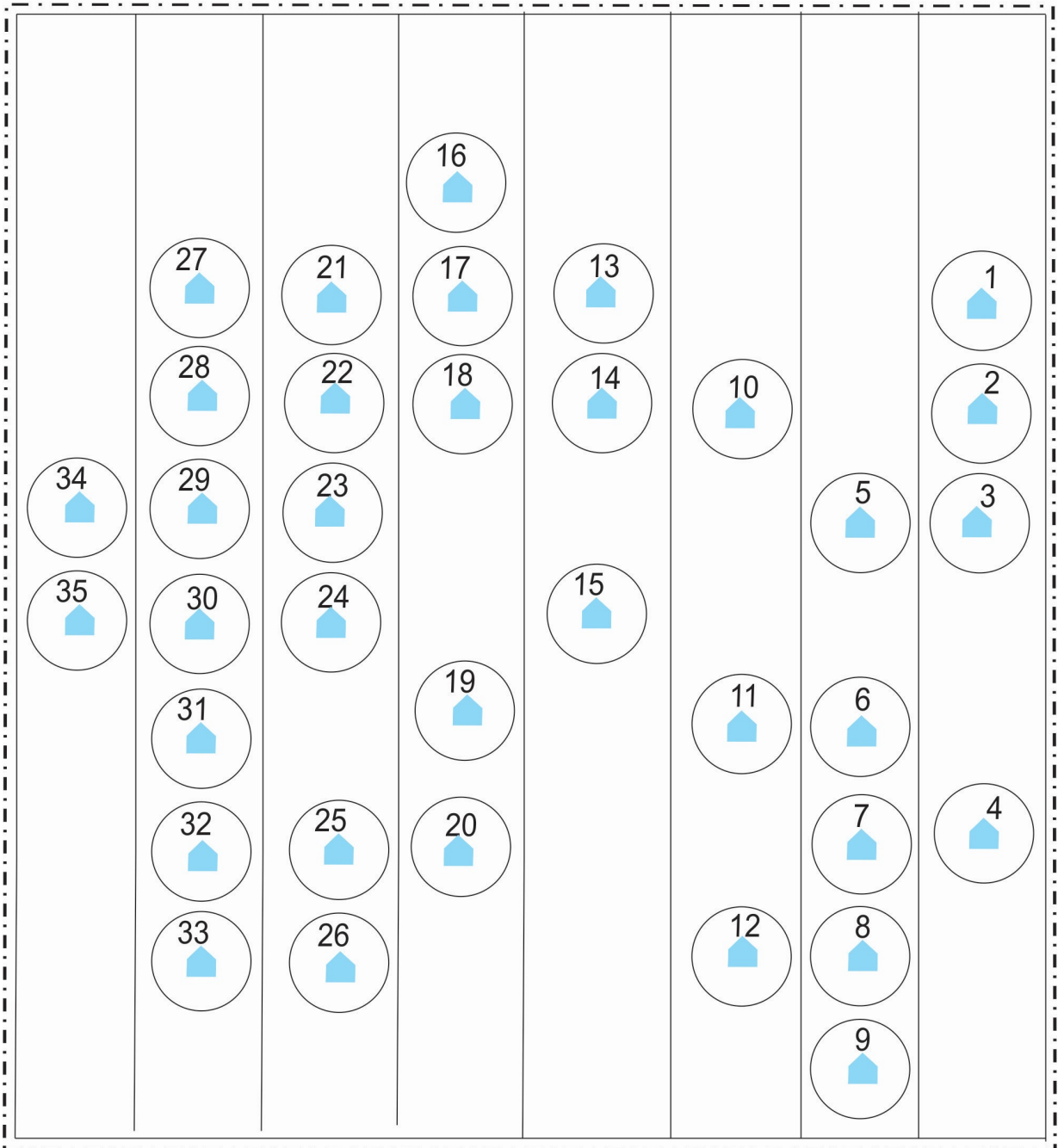
*P(18) X: 3804855
Y: 3349417

*P(17) X: 3806982
Y: 3346278

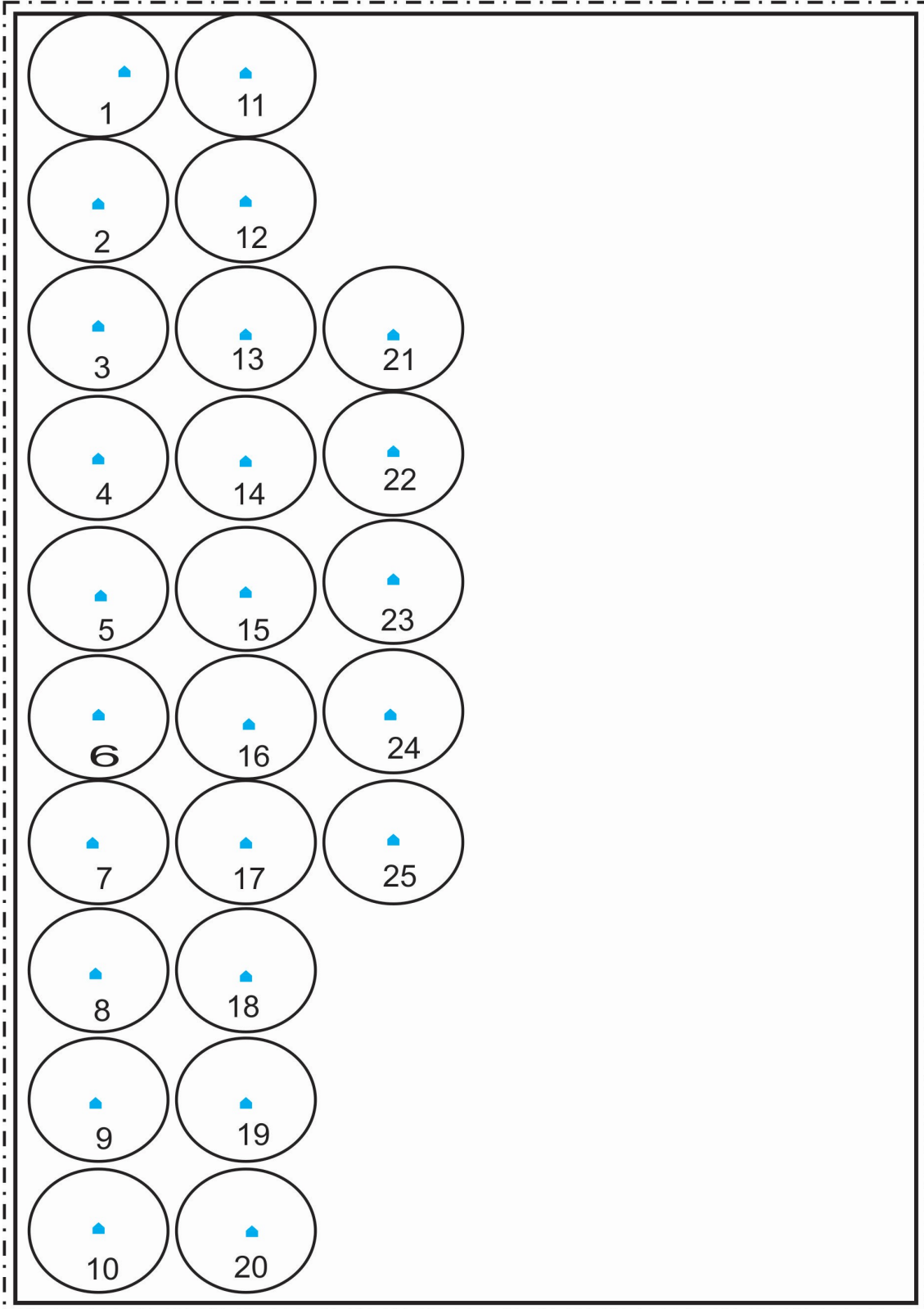
*P(20) X: 3806876
Y: 3349507



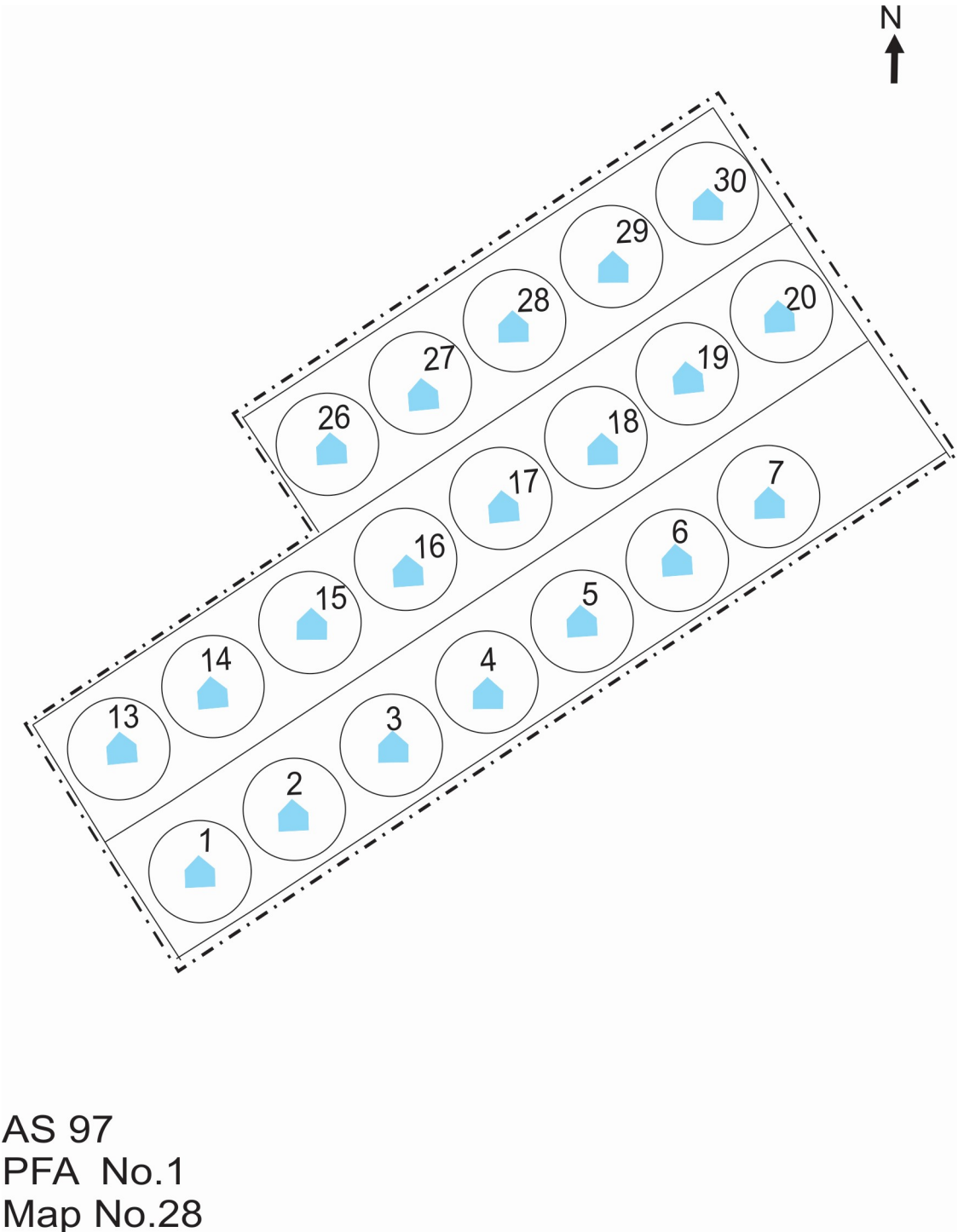
AS 97
PFA No.1
Map No.25

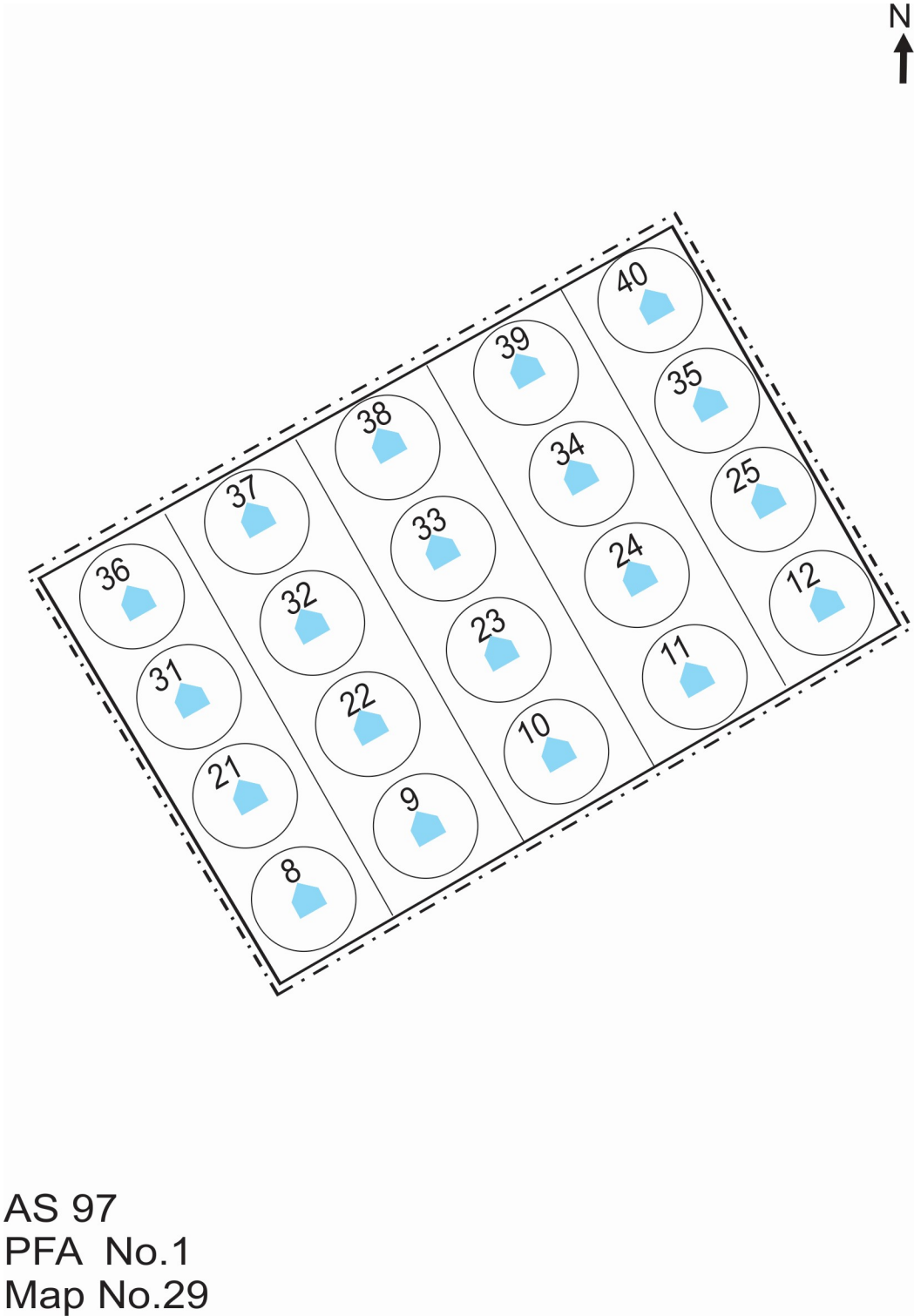


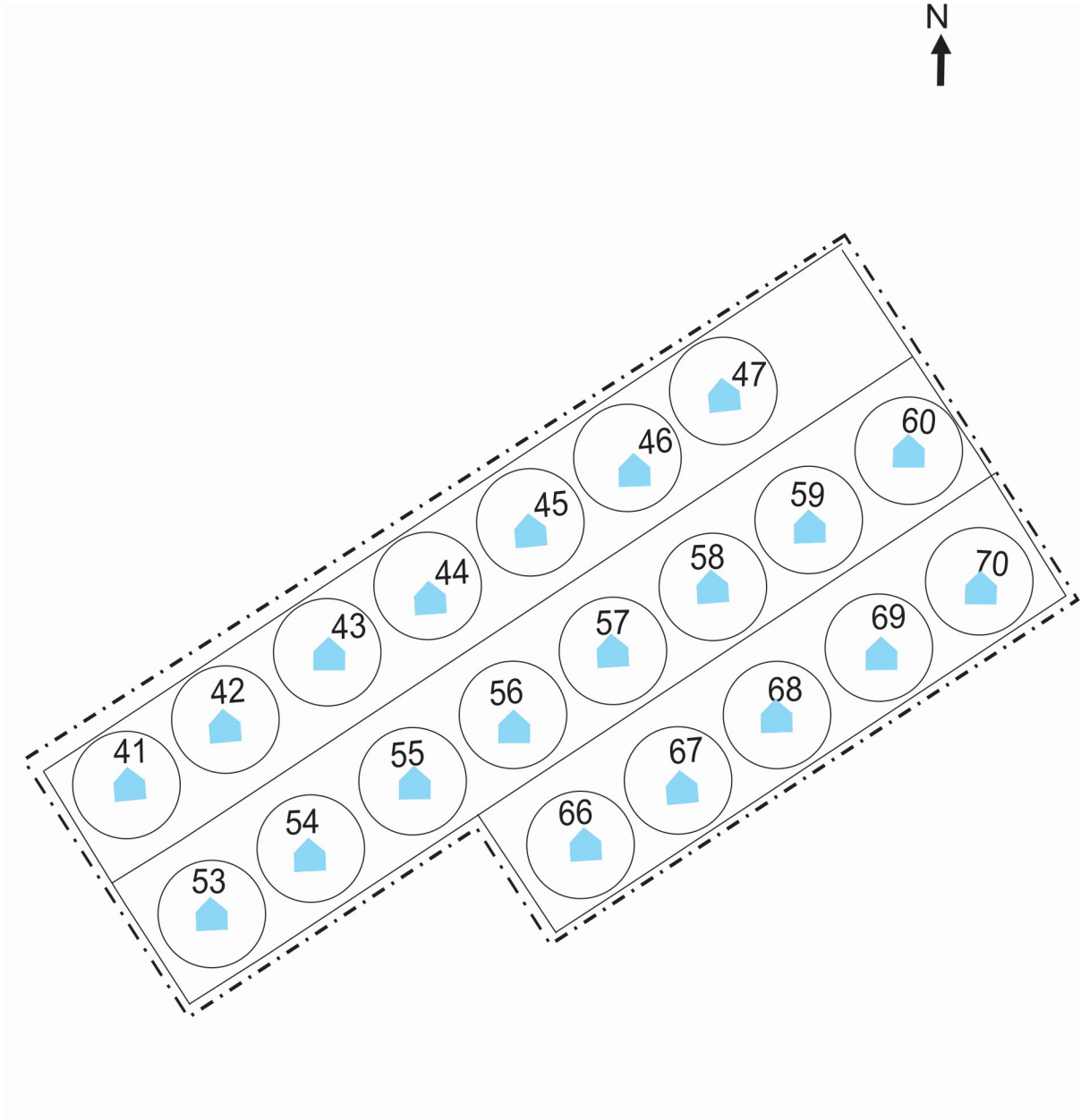
AS 97
PFA No.1
Map No.26



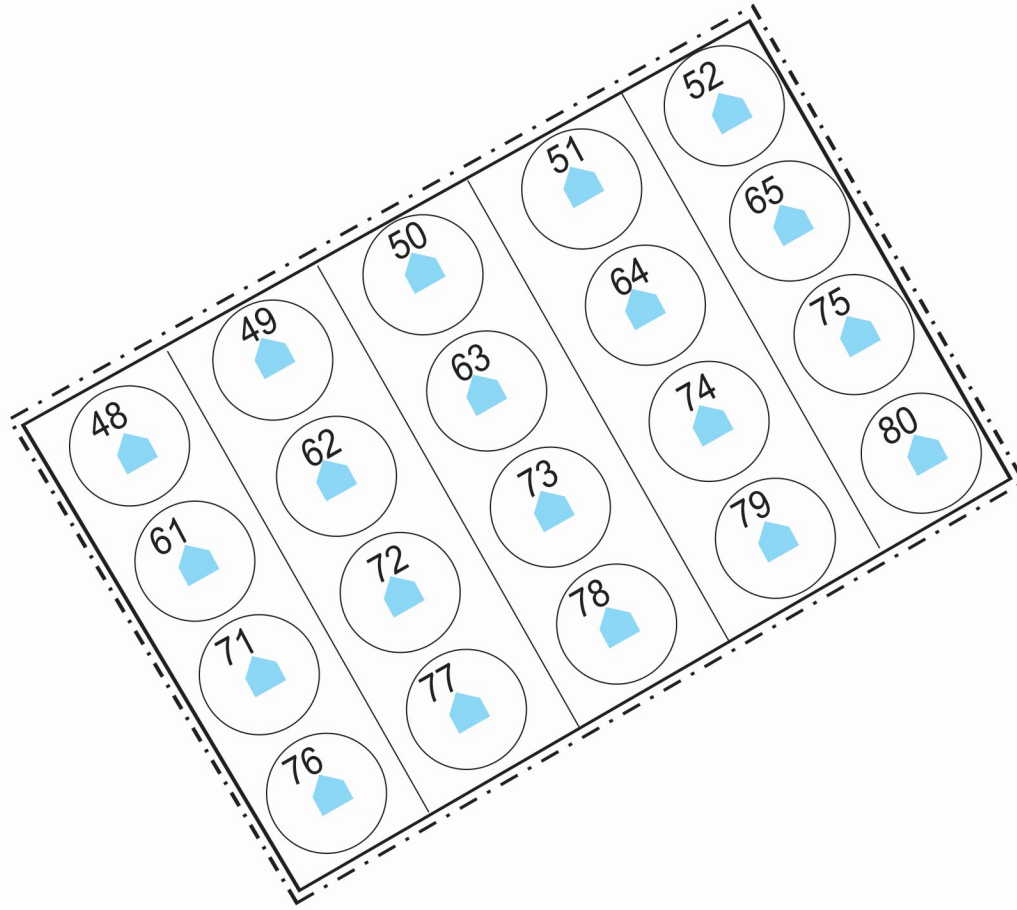
AS 97
PFA No.01
Map No.27



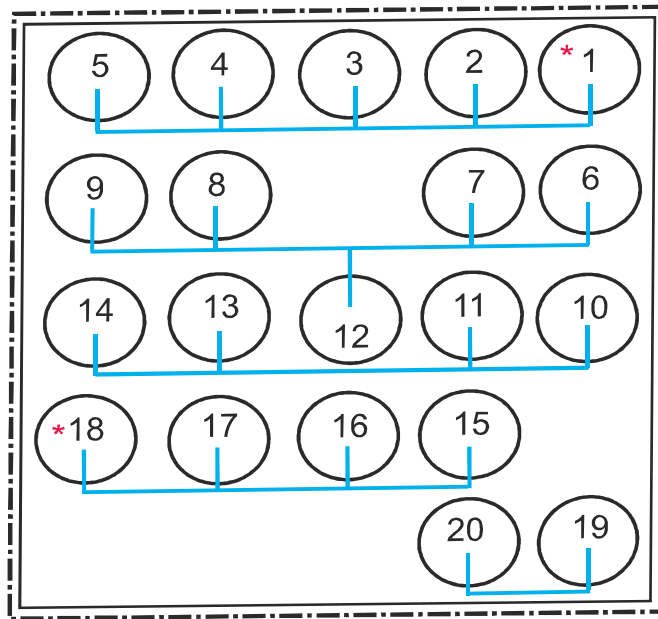




AS 97
PFA No.1
Map No.30

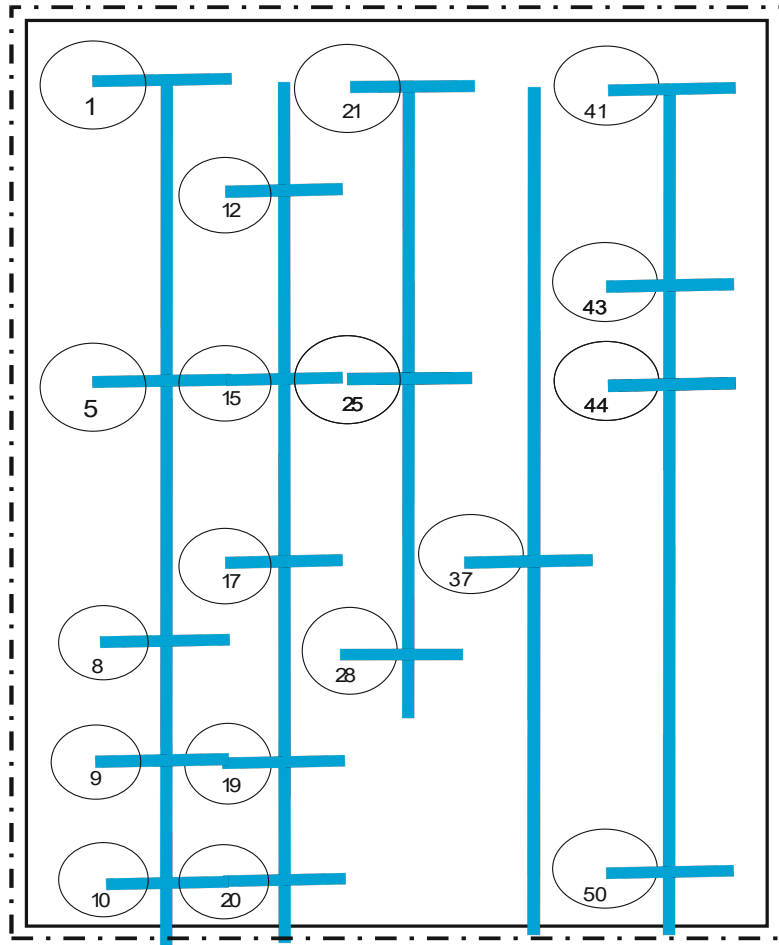


AS 97
PFA No.1
Map No.31

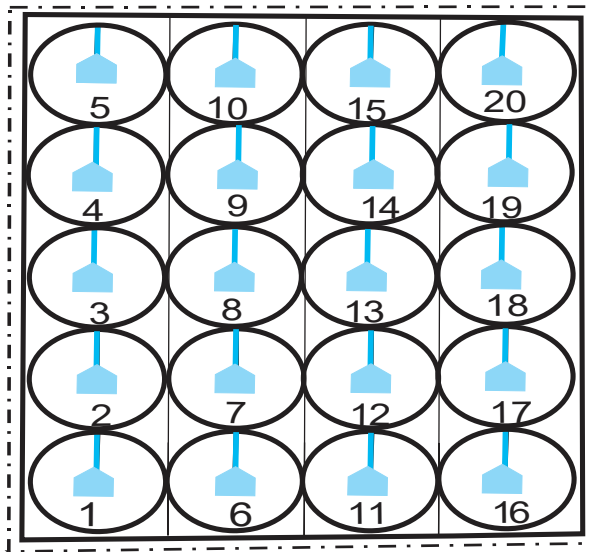


AS 97
PFA No.01
Map No.32

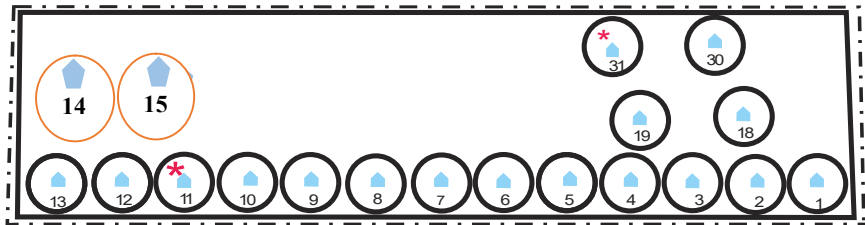
* P(1)E : 2846381
N : 2213184
* P(18)E : 2844585
N : 2211046



AS 97
PFA No.01
Map No.33



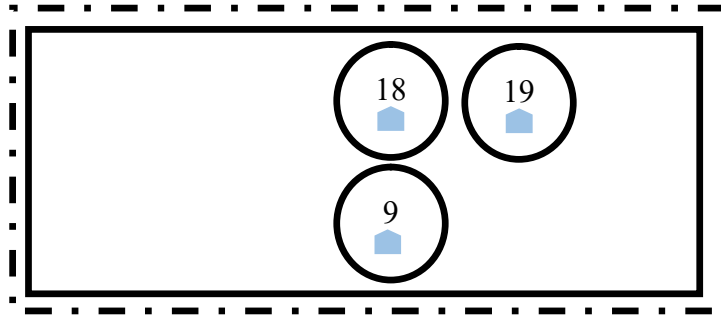
AS 97
PFA No.01
Map No.34



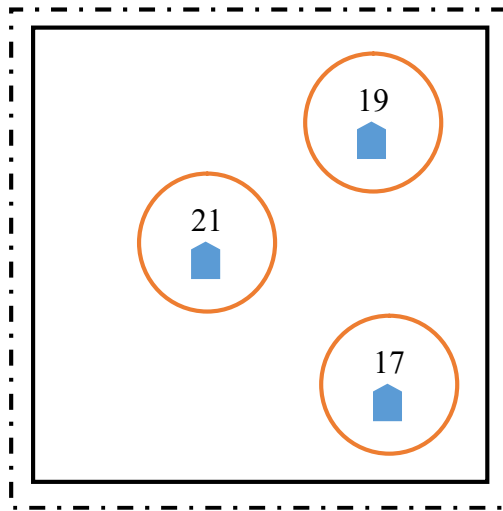
AS 97
PFA No.01
Map No. 35

*P(31)E :284036
N221321

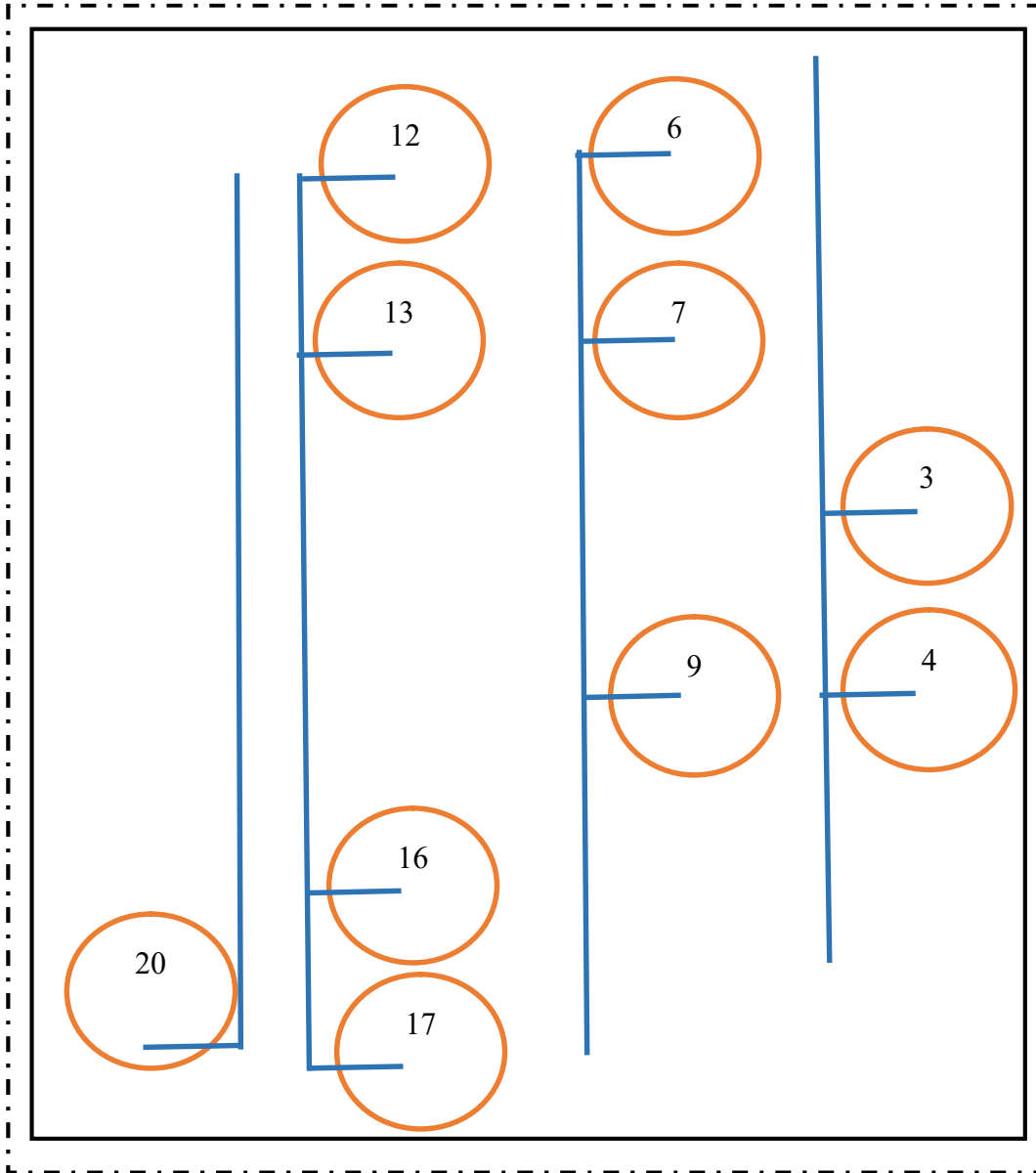
*P(11)E :283736
N221113



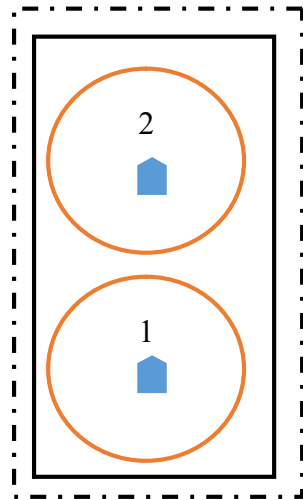
AS 97
PFA No. 01
Map No. 36



AS 97
PFA No. 01
Map No. 37



AS 97
PFA No. 01
Map No. 38



AS 97
PFA No. 01
Map No. 39

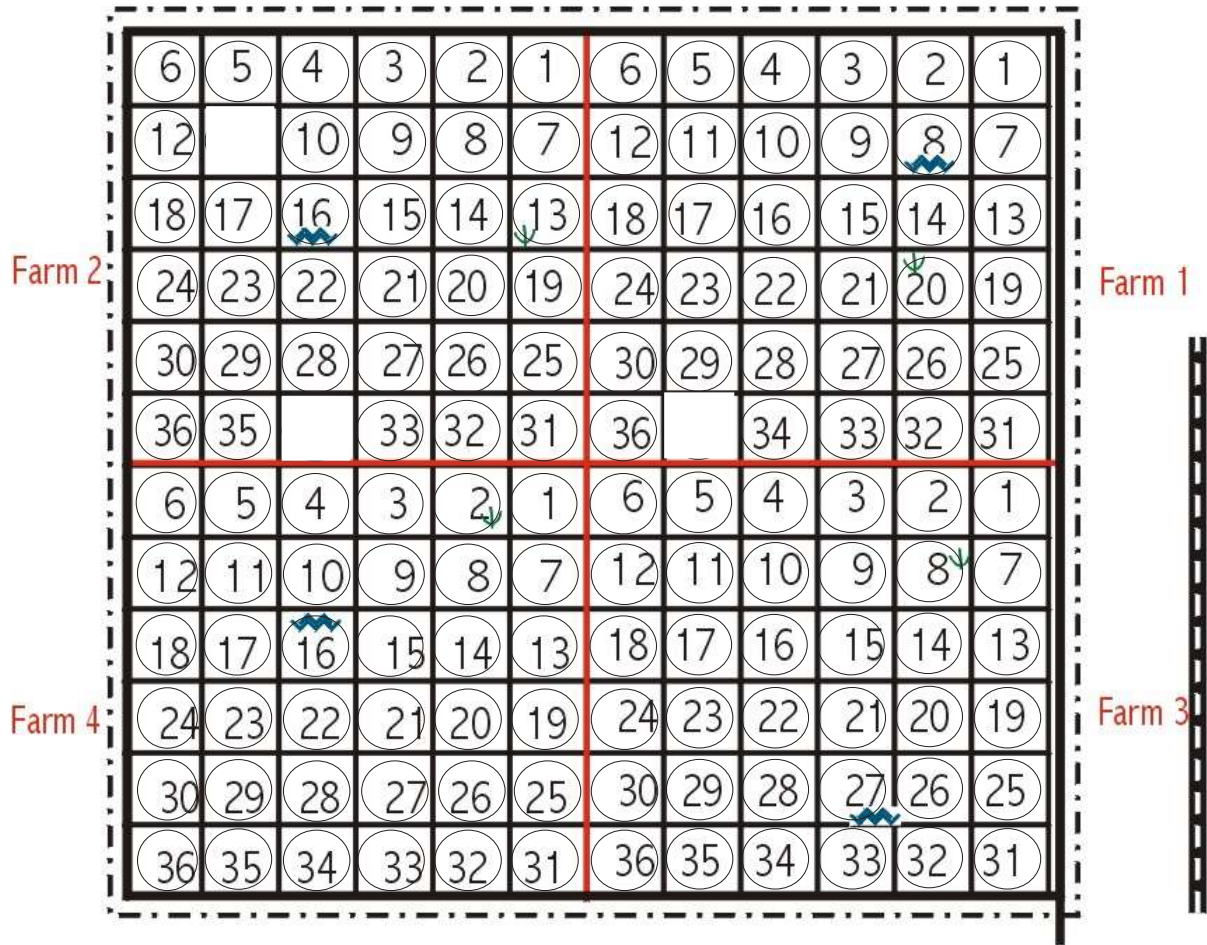
Pest Free Area Sheet
Aswan (AS) 97, PFA No.02

1. Name of PFA: East Owainat (2)
2. No. of maps: 1
3. Boundaries:
 - North: Quina Governorate
 - South: Naser Lake
 - East : Eastern Desert
 - West : El-Wadi El-Gaded Governorate
4. Total Pest free area (feddan): 9700
 - Total area proposed for potato: 2700
 - Total area proposed for export: 900
5. Type of soil : Sandy
6. Irrigation system: Drip Irrigation System
7. Source of water: Wells (Artesian)
8. Rotation system

	2016/2017	2017/2018	2018/2019
Summer season:	Wheat and Barley	Potato and others	Potato, Barley and others
Winter season:	Vegetables and Peanut	Potato and Vegetables	Potato, Peanut and others
9. No. of basins (pivots): (141)
10. Code No. of infection inside PFA and date of discovery: No
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested: 296 (free)
14. No. of weed samples tested: 130 (free)
15. No. of potato samples visually inspected: 84 (free)
16. No. of basins (pivots) visually inspected: (7) (free)
17. No. of potato samples tested by IF for export: 192 (free)
18. No. of growers: 8
19. General remarks:

Codes No. of Aswan (AS) 97, PFA No.02 (East Owainat (2))

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map12				El-Awkaf						
97	02	12 (1)	(01>34,36)	Farm 1			35		2	
		12 (2)	(01>10, 12>33, 35>36)	Farm 2			03,11,34	10,13, 16,17, 22,27, 33	63	192
		12 (3)	(01>36)	Farm 3						
		12 (4)	(01>36)	Farm 4			17,18,23, 24		47	



AS 97
PFA No.2
Map No.12

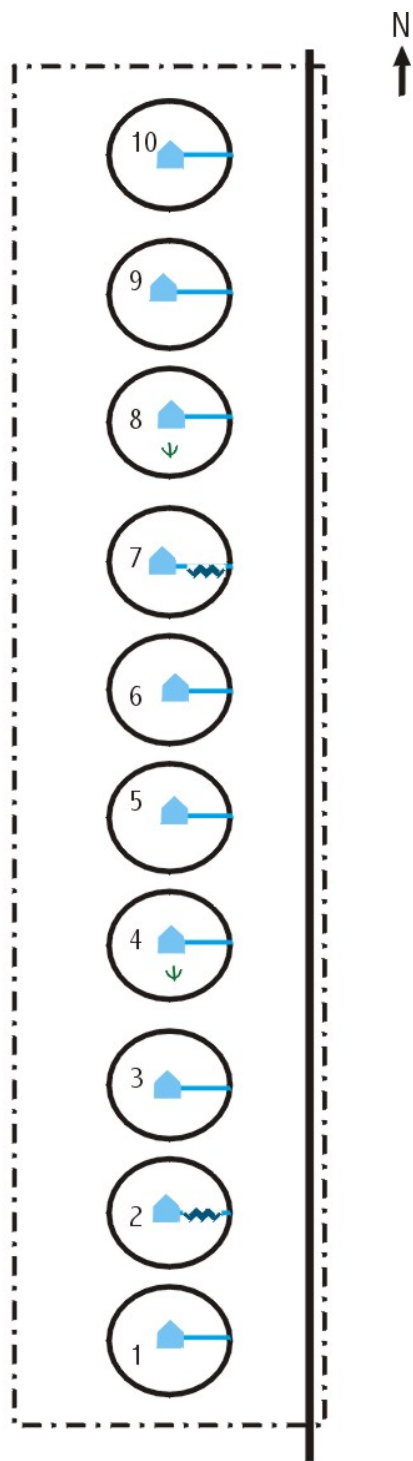
Pest Free Area Sheet
Aswan (AS) 97, PFA No.03

1. Name of PFA: East Owainat (3)
2. No. of maps: 3
3. Boundaries:
 - North: Quina Governorate
 - South: Naser Lake
 - East: Eastern Desert
 - West: El-Wadi El-Gaded Governorate
4. Total Pest free area (feddan): 30000
 - Total area proposed for potato: 3500
 - Total area proposed for export: 2500
5. Type of soil : Sandy
6. Irrigation system: Drip and Pivot Irrigation System
7. Source of water: Wells (Artesian)
8. Rotation system

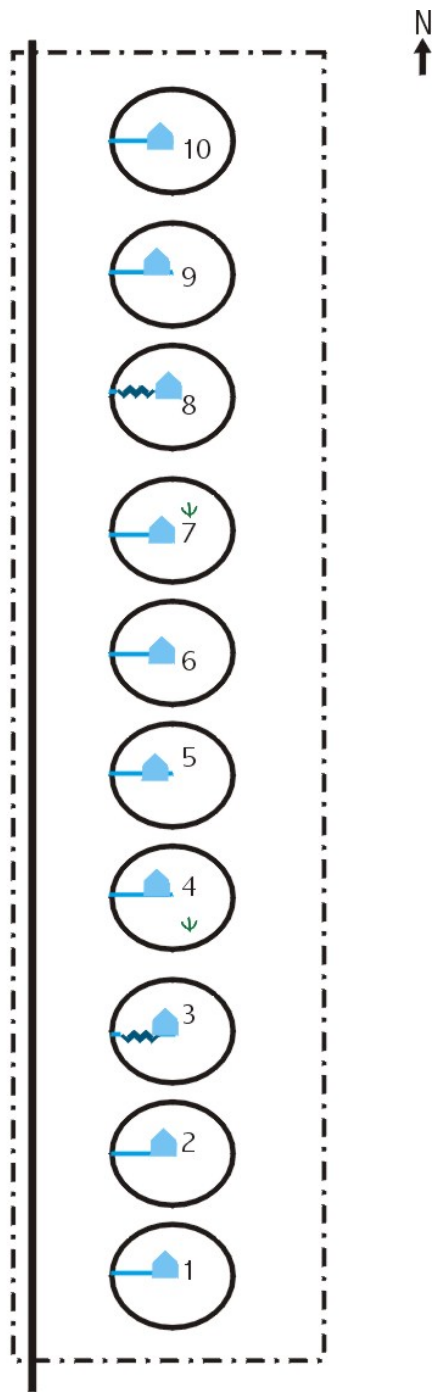
2016/2017	2017/2018	2018/2019
Summer season: Wheat and others	Potato, Wheat and others	Wheat and others
Winter season: Potato, Wheat and others	Maize and others	Potato and others
9. No. of basins (pivots): (164)
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source :Seeds tested for brown rot Result: free
13. No. of water samples tested: 328 (free)
14. No. of weed samples tested: 118 (free)
15. No. of potato samples visually inspected: 120 (free)
16. No. of basins (pivots) visually inspected: (10) (free)
17. No. of potato samples tested by IF for export: 169 (free)
18. No. of growers: 3
19. General remarks:

Codes No. of Aswan (AS) 97, PFA No.03 (East Owainat (3))

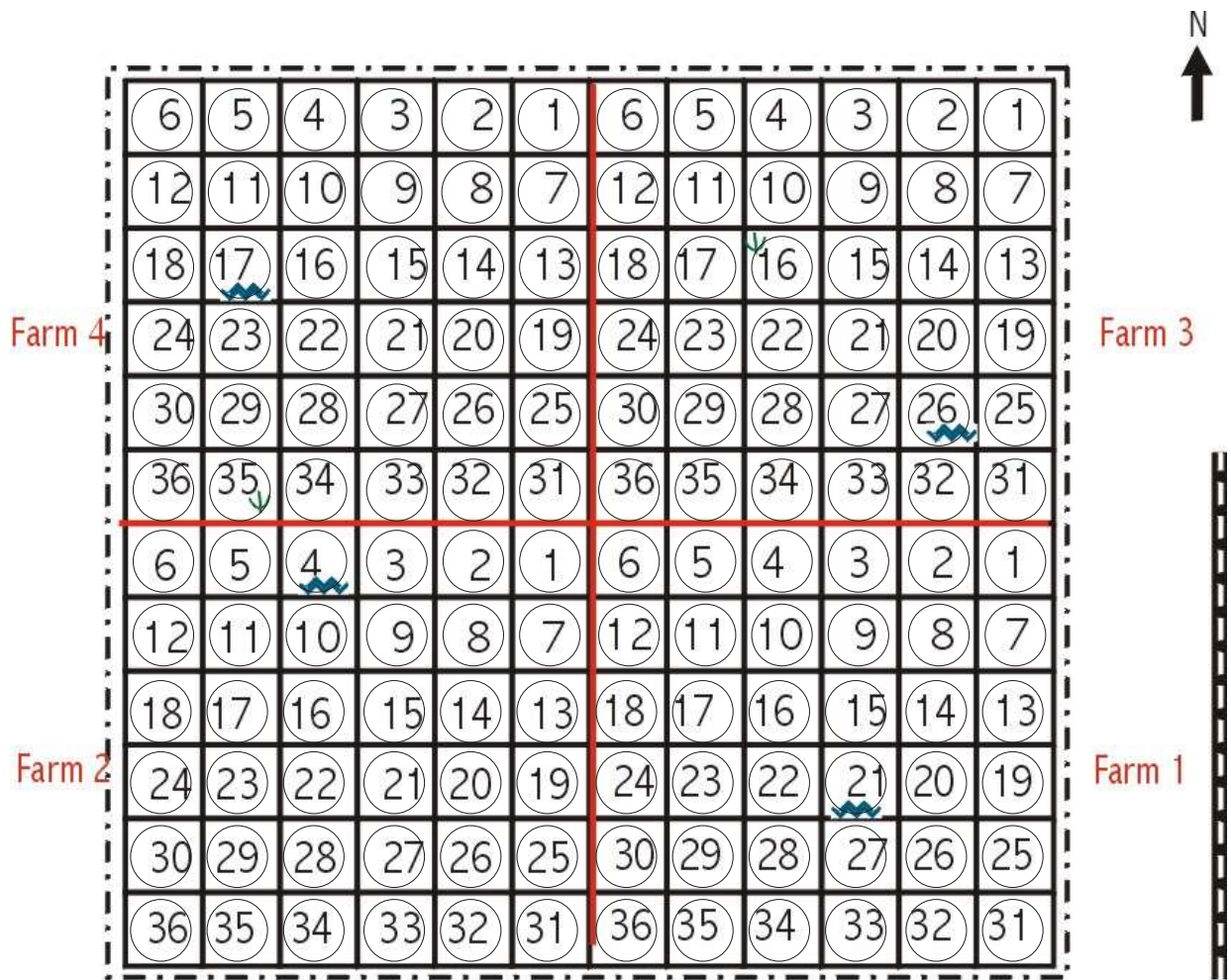
Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 5										
97	03	05	(01>10)	El-Arabea						
Map 6										
97	03	06	(01>10)	El-Aamah						
Map 8				El-Awkaf						
97	03	08(1)	(01>36)	Farm 1						
		08(2)	(01>36)	Farm 2				10,13, 25		48
		08(3)	(01>36)	Farm 3						
		08(4)	(01>36)	Farm 4				06,23, 24,35, 36		103



AS 97
PFA No.3
Map No.5



AS 97
PFA No.3
Map No.6



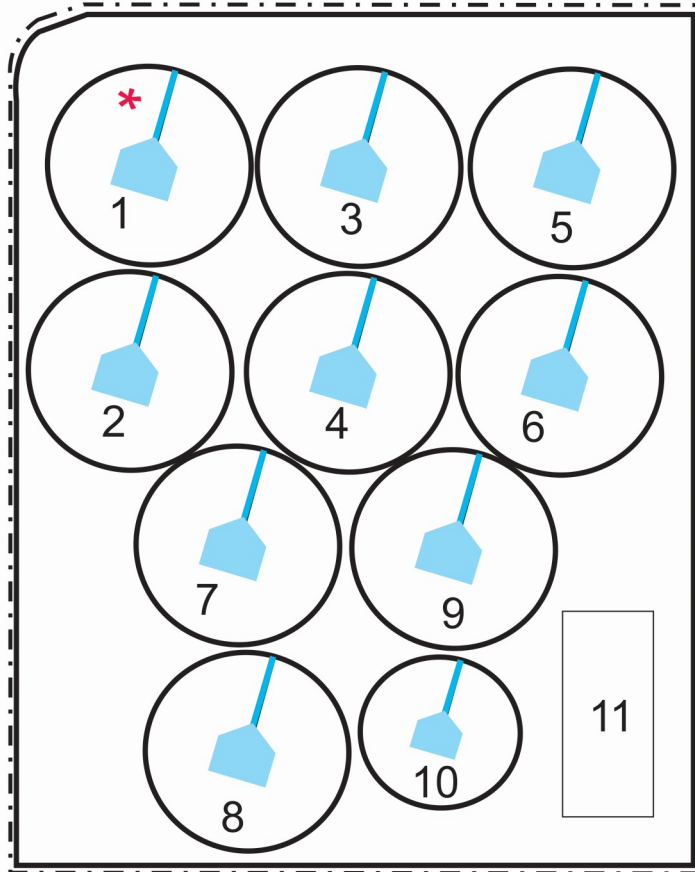
AS 97
PFA No.3
Map No.8

Pest Free Area Sheet
Aswan (AS) 97, PFA No.04

1. Name of PFA: Naser Nuba
2. No. of maps: 4
3. Boundaries:
 - North: Luxor Government
 - South: Desert Area
 - East: Red Sea Government
 - West: *El-Wadi El-Geded* Government
4. Total Pest free area (feddan): 2330
 - Total area proposed for potato: 1480
 - Total area proposed for export: 1280
5. Type of soil : Sandy
6. Irrigation system: Drip and Pivot Irrigation System
7. Source of water: Wells (Artesian)
8. Rotation system: New reclamation Area
9. No. of basins (pivots): 1(29)
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source :Seeds tested for brown rot Result: free
13. No. of water samples tested: 57 (free)
14. No. of weed samples tested: 102 (free)
15. No. of potato samples visually inspected: 72 (free)
16. No. of basins (pivots) visually inspected: (6) (free)
17. No. of potato samples tested by IF for export: 96 (free)
18. No. of growers: 4
19. General remarks:

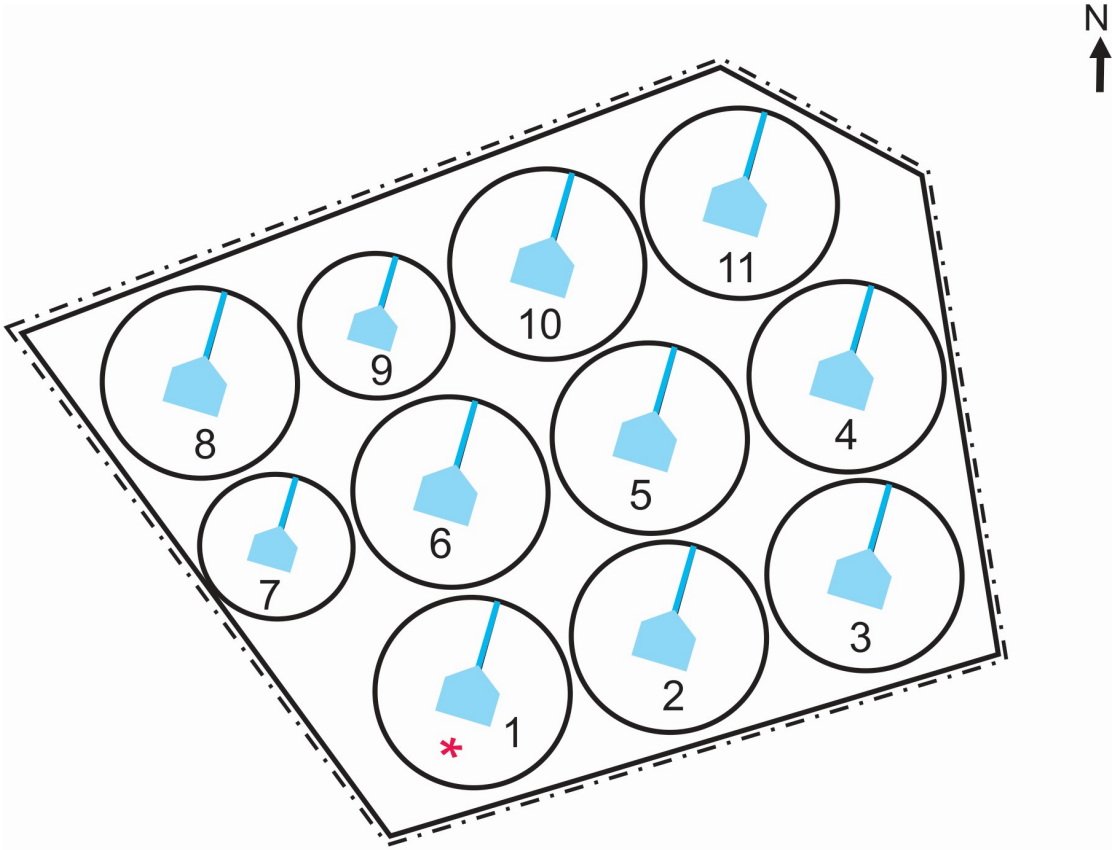
Codes No. of Aswan (AS) 97, PFA No.04 (Naser Nuba (04))

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 1										
97	04	01	(01>10),11	El Rshad 4						
Map 2										
97	04	02	(01>11)	El Rshad 5						
Map 3										
97	04	03	(01>02)	Themar						
Map 4										
97	04	04	(01>06)	Agri Vest				01,02, 03,04, 05,06		96



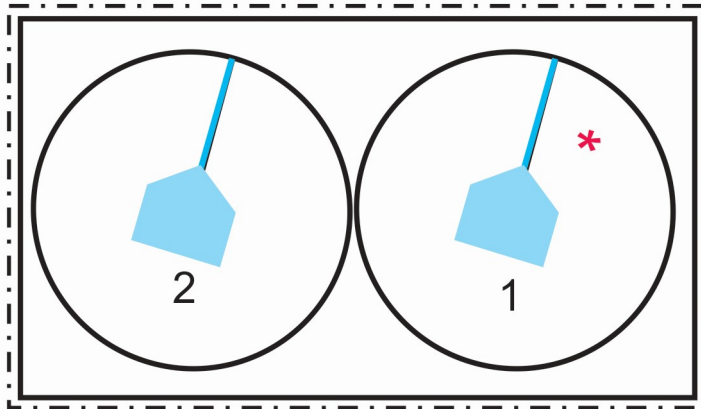
AS 97
PFA No.04
Map No.01

* P(1)E : 229657
N : 3341333



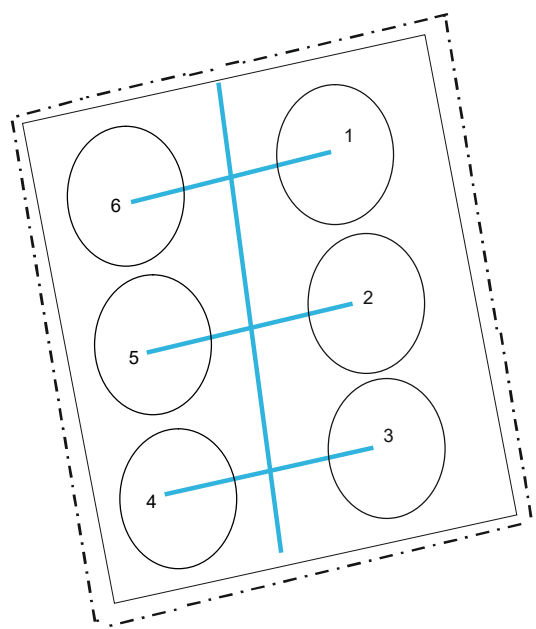
AS 97
PFA No.04
Map No.02

* P(1)E : 229747
N : 3341316



AS 97
PFA No.04
Map No.03

* P(1)E : 238857
N : 3441322



AS 97
PFA No 04
Map No 04



PEST FREE AREA

BH (45)

2019/2020



General Map
Beheira 45

General data of the PFAs at El-Beheria (BH) 45

PFA	Total Pest free area (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2018/2019			Export to EU (tons) 2018/2019 Export	Proposed For 2019/2020	
		Total	Export		No of samples	No of basins (Pivots)	No of samples		No of basins (Pivots)		No of water samples	No of weed samples
							Total	Export				
PFA 10	100282	54104	49104	88 (985)	2820	9(226)	4585	4585	9(226)	108117.79	2034	2944
PFA 11	69210	20725	15725	46 (161)	600	5(45)	972	972	5(45)	22768.35	431	2513
PFA 12	640	340	340	6	12	1	9	9	1	225	10	25
PFA 13	45141	6580	6080	22(32)	228	(19)	572	572	(19)	13926.95	125	446
PFA 14	2784	2010	1710	18(8)	0	0	0	0	0	0	54	191
Total	218057	83759	72959	180(1186)	3660	15(290)	6138	6138	15(290)	145038.09	2654	6119

Pest Free Area Sheet
El-Beheira (BH) 45, PFA No.10

1. Name of PFA: Wadi El-Natroun
2. No. of maps: 102
3. Boundaries:
 - North: PFA 11
 - South: Desert area
 - East : Cairo – Alex Desert Road
 - West : Desert area
4. Total Pest free area (feddan): 100282
 - Total area proposed for potato: 54104
 - Total area proposed for export: 49104
5. Type of soil : Sandy
6. Irrigation system: Drip, Over Head Sprinkler and Pivot Irrigation System.
7. Source of water: Wells
8. Rotation system

2016/2017	2017/2018	2018/2019
Summer season: Maize & others	Maize & Peanut	Beans, Melon & Potato
Winter season: Wheat, Clover & Potato	Wheat, Beans and Potato	Potato & Vegetables
9. No. of basins (pivots): 88 (985)
10. Code No. of infection inside PFA and date of discovery: Yes:45.10.14.13
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested: 2034 (free)
14. No. of weed samples tested: 2944 (free)
15. No. of potato samples visually inspected: 2820(free)
16. No. of basins (pivots) visually inspected: 9(226) (free)
17. No. of potato samples tested by IF for export: 4585 (free)
18. No. of growers: 90
19. General remarks:

Codes No. of El- Beheira (BH) 45, PFA No.10 (Wadi El-Natroun)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 1											
45	10	01	(02,04,06,08>09,11,17)	El-Diab farm			01,07,08	02,04,06,08,09,11	39	123	
Map 2											
45	10	02	01>18	Wadi Abo-Malha (A)			01,02,03,04,07,13,15,17	02,04,07,08,16,18	317	212	
Map 3											
45	10	03	19>36	Wadi Abo-Malha (B)			20,22,24,28,34,35	27	196	51	
Map 4											
45	10	04	37>54	Wadi Abo-Malha (C)							
Map 5											
45	10	05	55>72	Wadi Abo-Malha (D)				70,71		13	
Map 8											
45	10	08	(01)	Domatic Group							
Map11											
45	10	11	(01>03)	El-Wahsh farm							
Map12											
45	10	12	(02,04)	Eisa farm			01,02,04	02,04	44	40	
Map14											
45	10	14	(01>05,07,08)	Nana farm			01,05,06,08	01,02,03,04,05,06,08,13	70	292	
Map15											
45	10	15	(01>02,05,10>20,24>25)	Arcel farm			02,10,11,13,17,18,19,20,24	02,11	125	20	
Map16											
45	10	16	(01>05)	Hany Kamel farm				03		42	
Map17											
45	10	17	(03,04)	El-Yasmeen farm							
Map18											
45	10	18	(01>03)	El-Wafaa farm				02,03		3	
Map19											
45	10	19	(01>30)	Egast Farm			01,06,17,18,19,23,26,27	01,06,17,18,27,29,30	221	216	
Map20											
45	10	20	(01>09)	Dakahlia (1)			05		5		
Map21											
45	10	21	(10>15)	Dakahlia (2)			10,14	12,15	17	87	
Map22											
45	10	22	(16>24)	Dakahlia (3)			16,18,21,23	18,22,23	65	141	

Codes No. of El- Beheira (BH) 45, PFA No.10 (Wadi El-Natroun)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map23											
45	10	23	(25>33)	Dakahlia (4)				33			1
Map24											
45	10	24	(34>47)	Dakahlia (5)			34	34,41	4		66
Map25											
45	10	25	(48>58)	Dakahlia (6)							
Map26											
45	10	26	(59>67)	Dakahlia (7)				59			40
Map27											
45	10	27	(68>74)	Dakahlia (8)							
Map33											
45	10	33	(01>16, 18>21)	El-Wadi			03,12,14,20, 21			32	
Map34											
45	10	34	(01),02	El-Wahash (2)			01			10	
Map35											
45	10	35	(01>12)	El-Kenana							
Map36											
45	10	36	(01>07)	Mahenor							
Map37											
45	10	37	(01>02)	El-Aal			02			2	
Map41											
45	10	41	(01>12)	Alexget			01			28	
Map42											
45	10	42	(01>14)	Cairo Three							
Map43											
45	10	43	(01)	El-Shady							
Map44											
45	10	44	(01)	Cairo							
Map45											
45	10	45	01	El-Saadny							
Map48											
45	10	48	(01>03)	Green Land							
Map49											
45	10	49	(01>26, 29>32, 34>37, 39>52)	El-Hashmya							
Map51											
45	10	51	(01>02)	Nehal Elnagar 2							
Map52											
45	10	52	01>04	Maya			01,03			10	
Map53											
45	10	53	01>03	Nahl							
Map54											
45	10	54	01> 02	Maya2				02		4	
Map55											
45	10	55	(01>04)	El-Nubaria1				03		23	
Map56											
45	10	56	(05>10)	El-Nubaria2				06		6	

Codes No. of El- Beheira (BH) 45, PFA No.10 (Wadi El-Natroun)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map57											
45	10	57	(01>30)	Al Raie			03,04,06, 09,13,14, 17,18,21, 22,24,25, 27,30	02,11	218	46	
Map58											
45	10	58	(01>02)	El Ghanm							
Map59											
45	10	59	(01>36)	El-Salam			02,03,04, 05,08,09, 10,11,13, 15,16,17, 18,19,20, 21,22,23, 24	25,26,28, 33,34,35, 36	226	119	
Map60											
45	10	60	(01>10)	El Gamal Elmasria			01,02,03, 04,05,06, 09		52		
Map61											
45	10	61	(01>27)	Al Abrar2							
Map62											
45	10	62	(01>06)	Amber 1							
Map63											
45	10	63	(01>09,14>15)	Amber 2			03,05,07, 08,09	02,03,05, 06,08,09, 14	40	79	
Map64											
45	10	64	(01>06)	El masria lmaikana							
Map65											
45	10	65	(01>02)	Hader				02		20	
Map66											
45	10	66	(01>07)	Alsakr							
Map67											
45	10	67	(01>18)	El-Khear			05,06,07, 17,18	01,02,03, 05,06,07, 09,10,11, 13,14,15, 16,17,18	66	256	
Map68											
45	10	68	(01>02)	EL Shwayel 2							
Map69											
45	10	69	(01>02)	Hesham Sakir							
Map70											
45	10	70	(01>03)	EL Ayat			01,02		19		
Map71											
45	10	71	(01>03)	EL Massara			01,02,03	01,02,03	26	28	
Map72											
45	10	72	(01>30)	El Nisr			06,08,09, 16	27	43	7	

Codes No. of El- Beheira (BH) 45, PFA No.10 (Wadi El-Natroun)

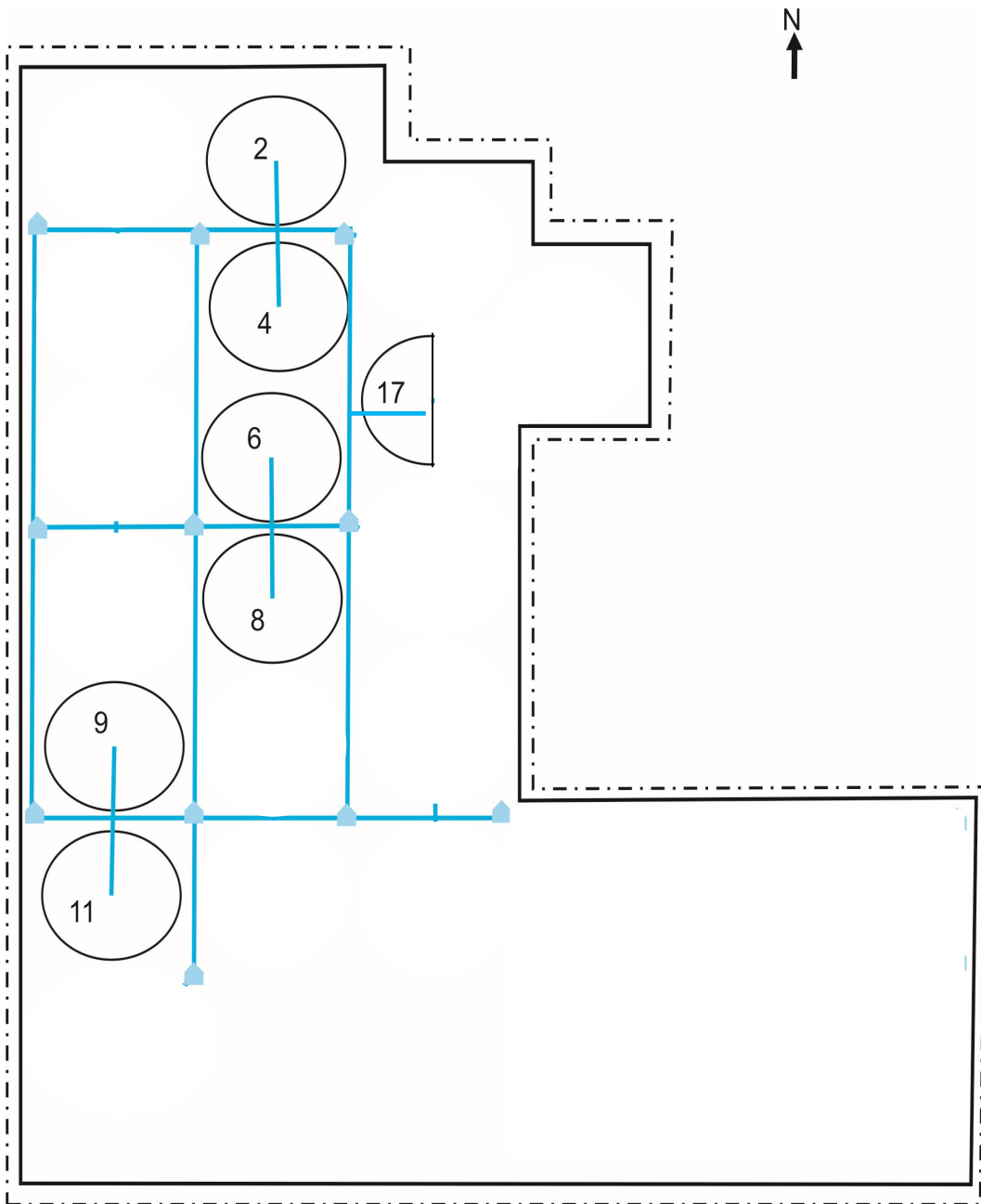
Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map73											
45	10	73	(01>31)	EL Diab 2			04,05,15,23,25	01,02,03,05,06,07,08,12,23,25,27,31	69	158	
Map74											
45	10	74	(01>02)	EL Sakr 2							
Map75											
45	10	75	(01)	Omar							
Map76											
45	10	76	(01>02)	Gana 2			02	01,02	3	14	
Map77											
45	10	77	(01>38),39>43	Ketaa EL Amn EL GHzae				04		1	
Map78											
45	10	78	(01>10,13>15)	Amber 3			02,03,05,07,08,09,15	03,04,08,15	285	85	
Map79											
45	10	79	(17>22,24>25,27>30,33,35>38),26	EL Alamia 3			17,18,19,20,28,38	19,20,29	151	55	
Map80											
45	10	80	(01>20,25>28,30,32)	Green Egast 1			02,03,04,06,08,12,14,15,16,17,19,20	01,02,03,04,05,06,07,08,09,10,12,14,20,26,28,30	134	410	
Map81											
45	10	81	(02>04,06>09,11,13,15>20,22>33)	EL Alamia 4			26	03,04,07,08,19,20,22,26,27,31,32,33	3	125	
Map82											
45	10	82	(34>55,57>67)	EL Abrar 3			34,37,42	37,39,40,42,44,45,46	41	84	
Map83											
45	10	83	(01>18)	Arfa EL mostakbe				03,15		32	
Map84											
45	10	84	(01>09)	EL Gamal Group			06	03,04,06,08,09	1	38	
Map85											
45	10	85	(01>09)	Green Hand 2				01,02,03,04,08		86	
Map86											
45	10	86	(01>09)	Ankor				01,04		26	
Map87											
45	10	87	(01>25)	ELGhanem EL mostakbel			15,16	01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,21,22,23	7	622	

Codes No. of El- Beheira (BH) 45, PFA No.10 (Wadi El-Natroun)

Gov.	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
				Infested	Excluded	Codes No's tested		No of samples		
						2018	2019	2018	2019	
Map88										
45	10	88	(01>09)	Erada 1			01,08,09		18	
Map89										
45	10	89	(01>03,05>08)	Erada 2			01,06,08		75	
Map90										
45	10	90	(01>10)	Ketaa EL Amn EL Ghzae 2						
Map91										
45	10	91	(07>15)	Nahdet Masr EL mostakbel			10	07,08,09, 11,14,15	1	104
Map92										
45	10	92	(01>04)	Morshed 5			01		6	
Map93										
45	10	93	(01>10)	Gana 1			02,03, 04,05	01,03,04, 10	77	46
Map94										
45	10	94	(01>03)	Abo EL Fottoh				01,02		26
Map95										
45	10	95	(01>18)	EL Saker 3				01,03,05, 06		92
Map96										
45	10	96	(01>09)	El Gamal Elmasria 2			05	01,02,05, 06,07,08, 09	2	76
Map97										
45	10	97	(01>09)	Lottas Farm						
Map98										
45	10	98	(01>04,06)	EL Fatah 1						
Map99										
45	10	99	(07>08)	EL Fatah 2						
Map100										
45	10	100	(01>12,15,16, 29)	Mostakbel misr 1				01,03,04, 05,07,08, 09,11		194
Map101										
45	10	101	(01>18,41,49, 50,53>70)	Mostakbel misr 2				07,08,09, 10,18,53		76
Map102										
45	10	102	(01>19)	Mostakbel misr 3				14,18		22
Map103										
45	10	103	(01>14)	Mostakbel misr 4				03,04,05, 06,07,08, 09		193
Map104										
45	10	104	(01)	EL Mahaba						
Map105										
45	10	105	(03,07)	EL Gannh				03,07		31
Map106										
45	10	106	(02>09)	Istthmar misr						
Map107										
45	10	107	(01>09)	EL Tazweed						
Map108										
45	10	108	(01>06)	EL Zahraa						

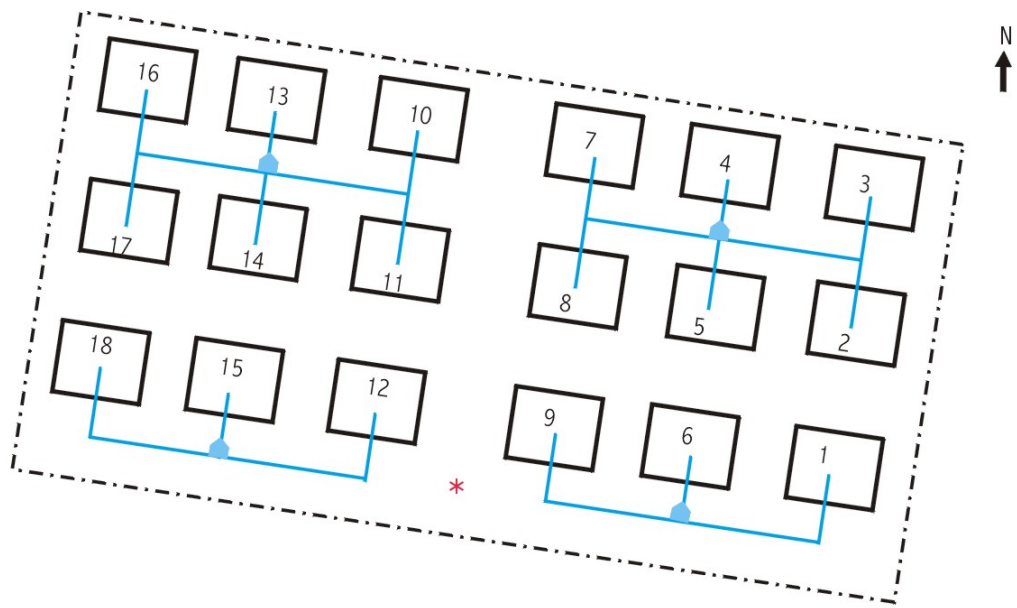
Codes No. of El- Beheira (BH) 45, PFA No.10 (Wadi El-Natroun)

Gov.		Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map109											
45	10	109	(01>04)	Gana 3				01			1
Map110											
45	10	110	(01>05,09)	Leen				04			10
Map111											
45	10	111	(04>05)	zina							
Map112											
45	10	112	(01>04,06>12)	Man							
Map113											
45	10	113	(01>03)	El-Bostan							
Map114											
45	10	114	(01>02)	Joudy							
Map115											
45	10	115	(01>06)	Wadi-EL-Nour							
Map116											
45	10	116	(01>03)	EL-Handasia							
Map117											
45	10	117	(02)	Gana 4							
Map118											
45	10	118	(06)	Nana 2							



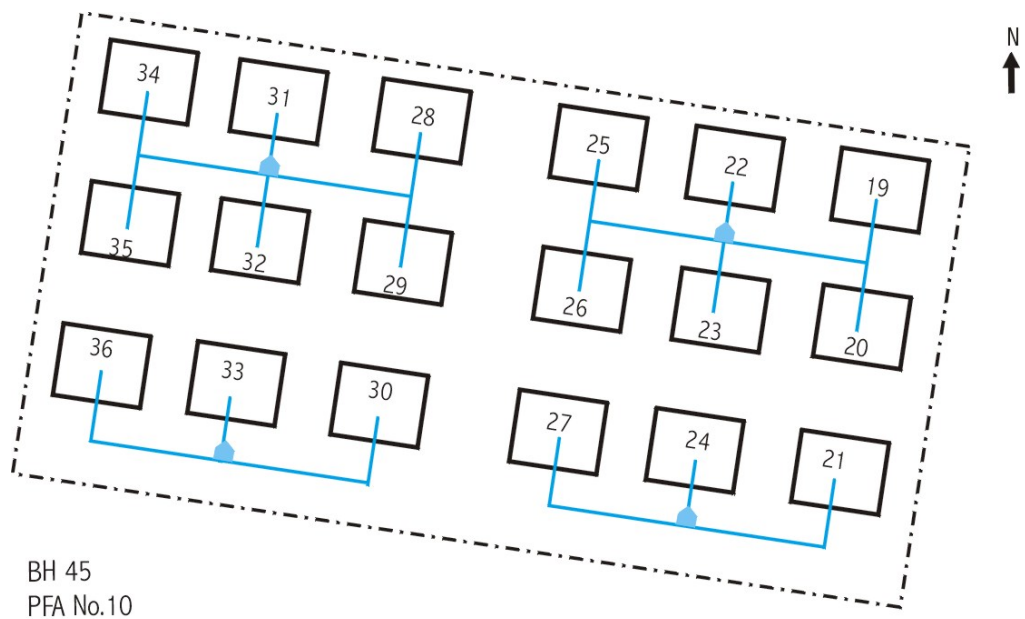
BH45
 PFA No.10
 Map No.1

* P(13) X: 3814379
 Y: 3342598

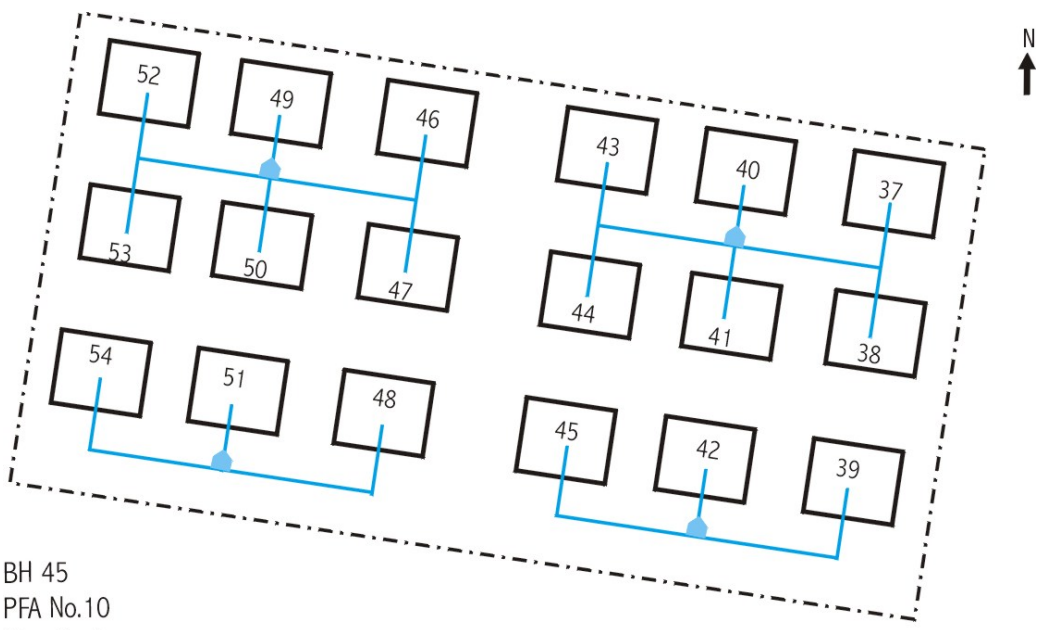


BH 45
PFA No.10
Map No.2

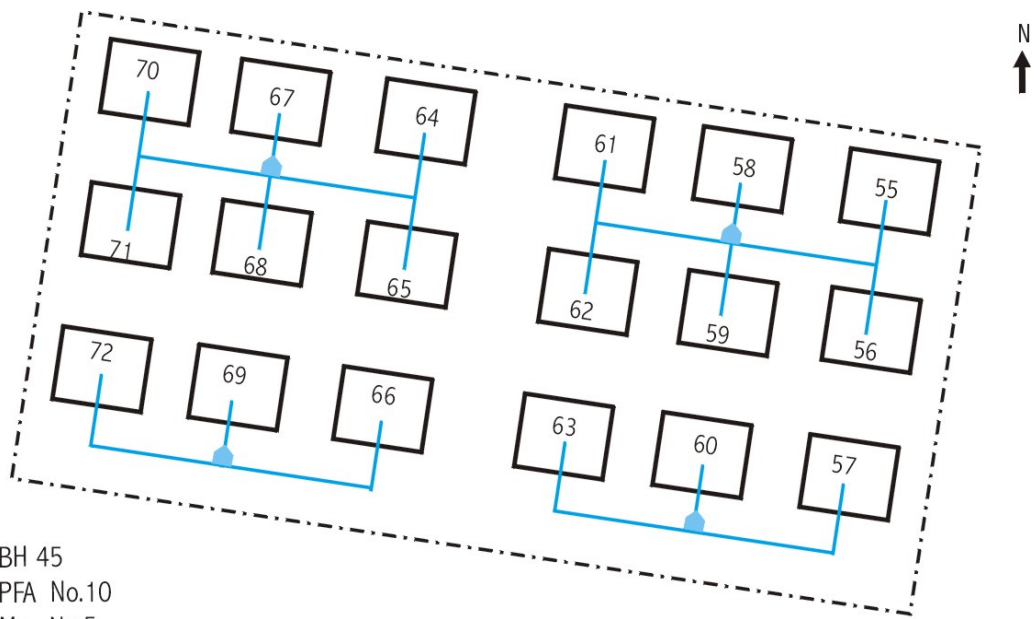
* X : 3011972
Y : 3014212



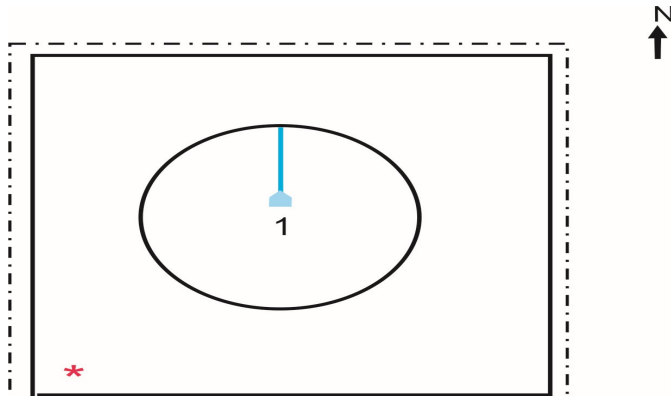
BH 45
PFA No.10
Map No.3



BH 45
PFA No.10
Map No.4

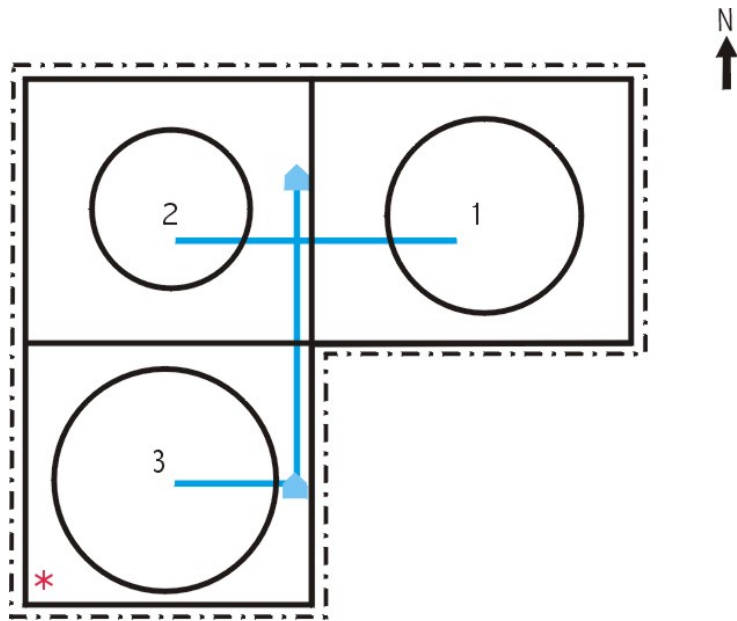


BH 45
PFA No.10
Map No.5



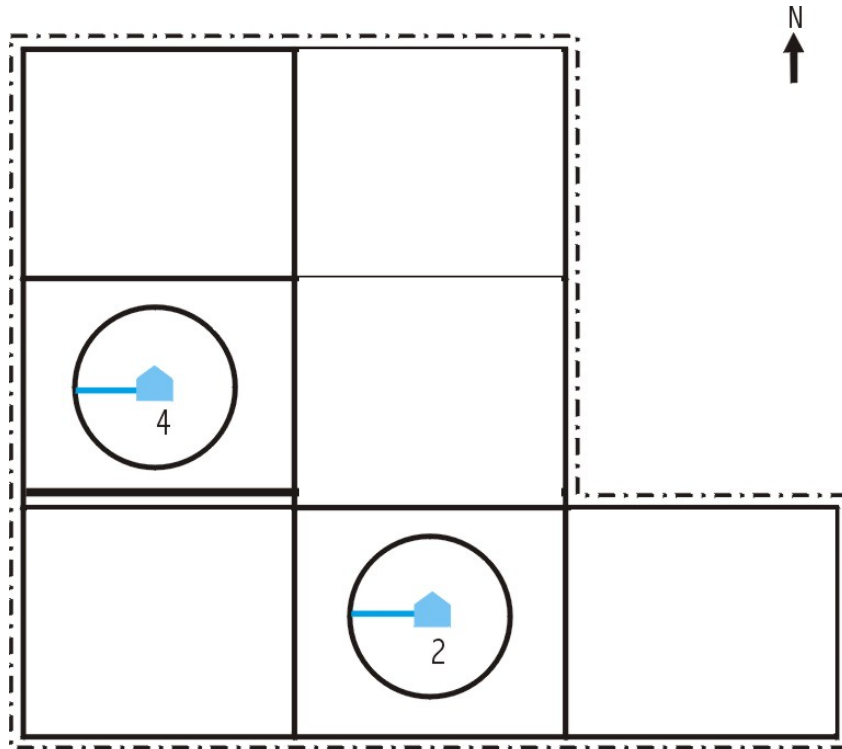
BH 45
PFA No.10
Map No.8

* X : 3013233
Y : 3013063



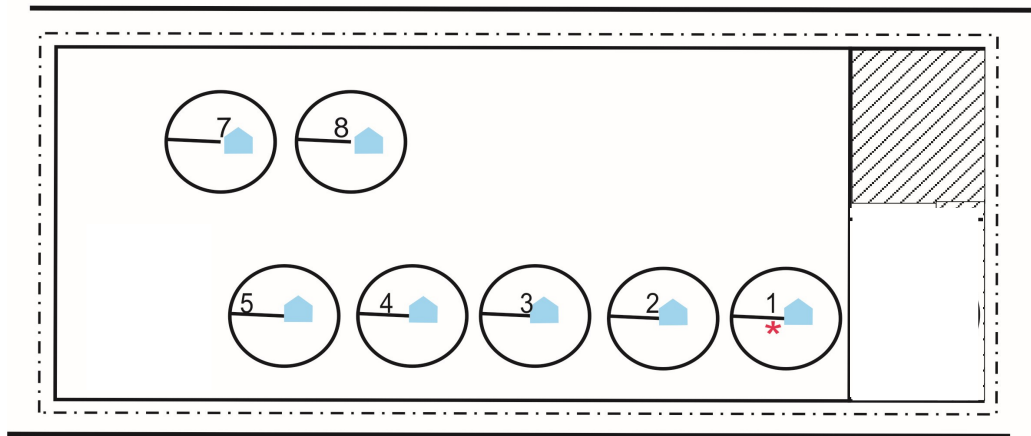
BH 45
PFA No.10
Map No.11

* X : 3015364
Y : 3017492



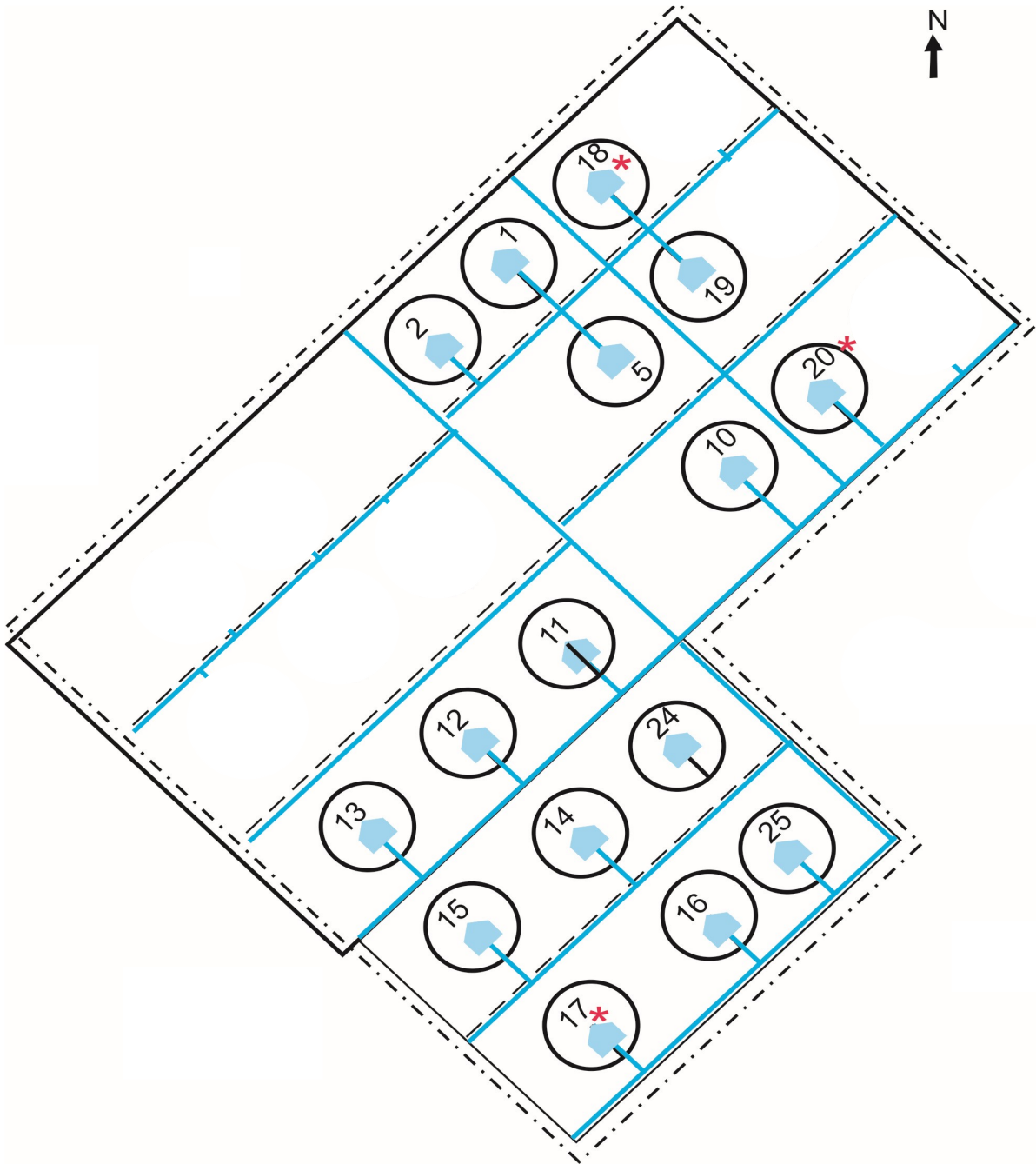
BH 45
PFA No.10
Map No.12

* X : 3013113
Y : 3017907



BH 45
PFA No.10
Map No.14

* X : 3013890
Y : 3010143



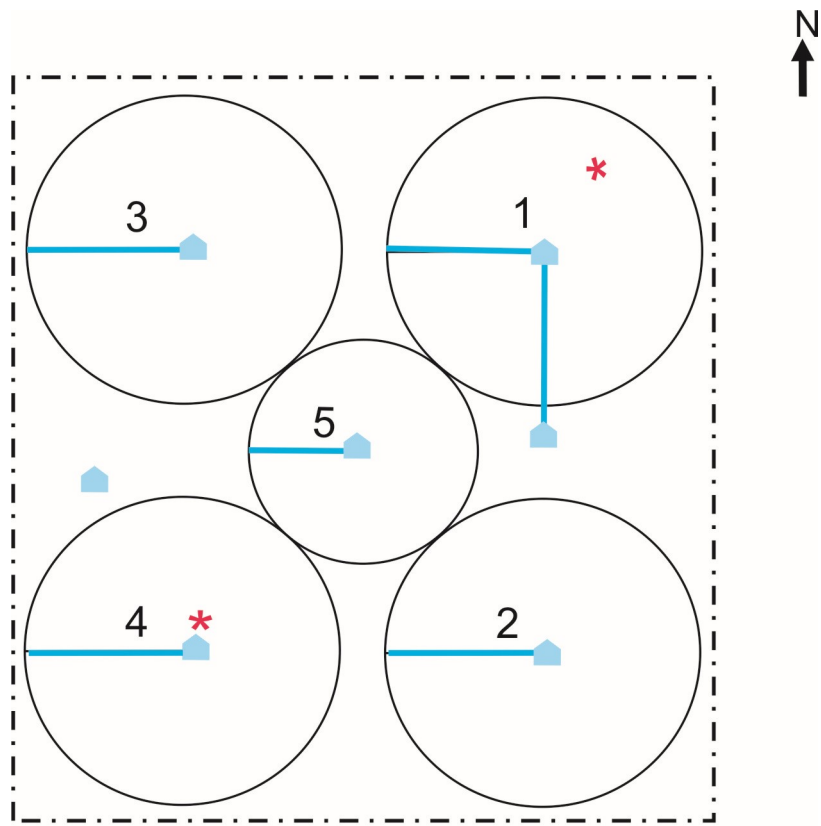
BH 45
PFA No 10
Map No 15

* P(4) X: 3803964
Y: 3347499

* P(17) X: 3806982
Y: 3346278

* P(18) X: 3804855
Y: 3349417

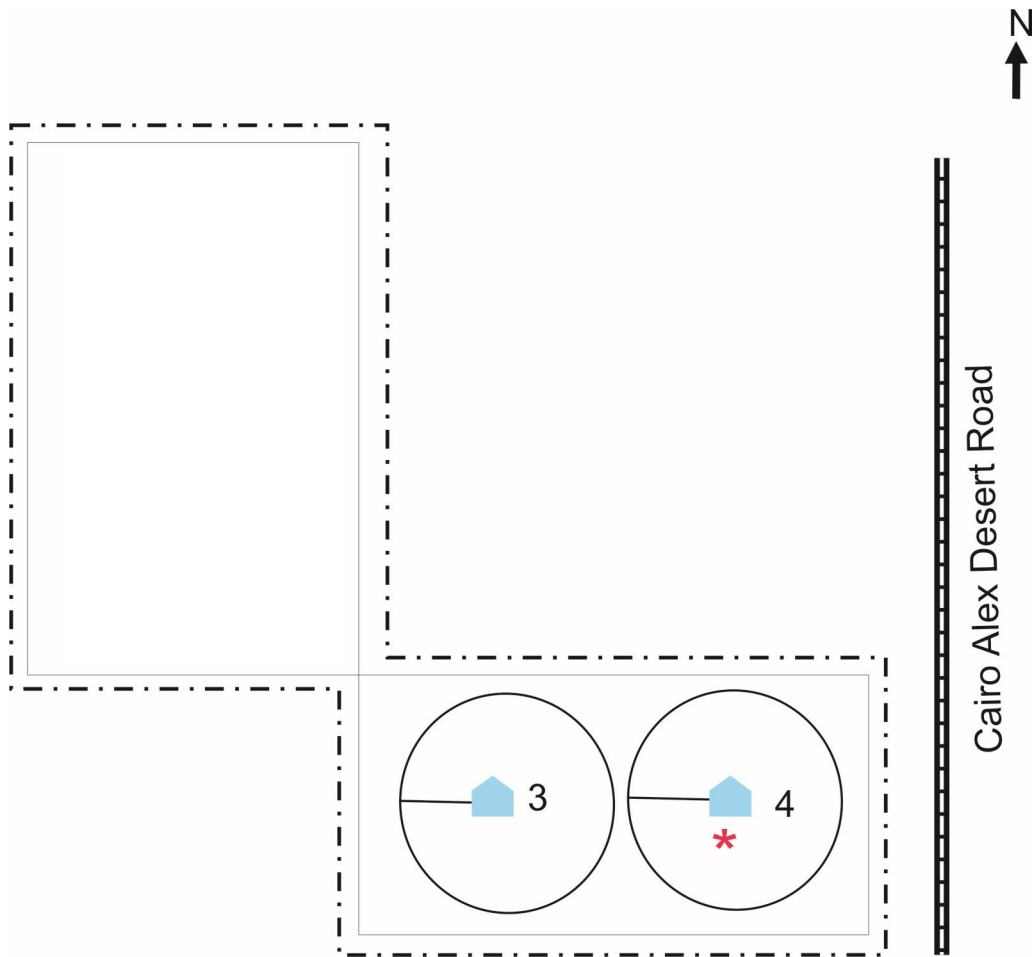
* P(20) X: 3806876
Y: 3349507



BH 45
PFA No.10
MAP No.16

*P(1) X : 3799167
Y : 3350188

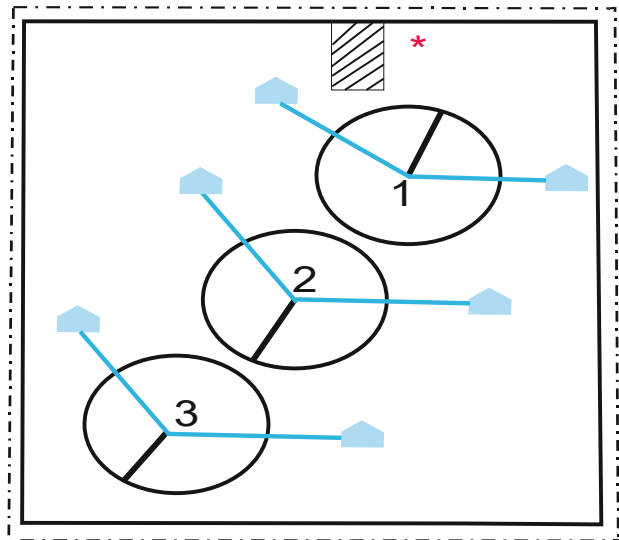
*P(4) X : 3799208
Y : 3351674



BH 45
 PFA No.10
 MAP No.17

* P(1) X : 3812182
 Y : 3350347

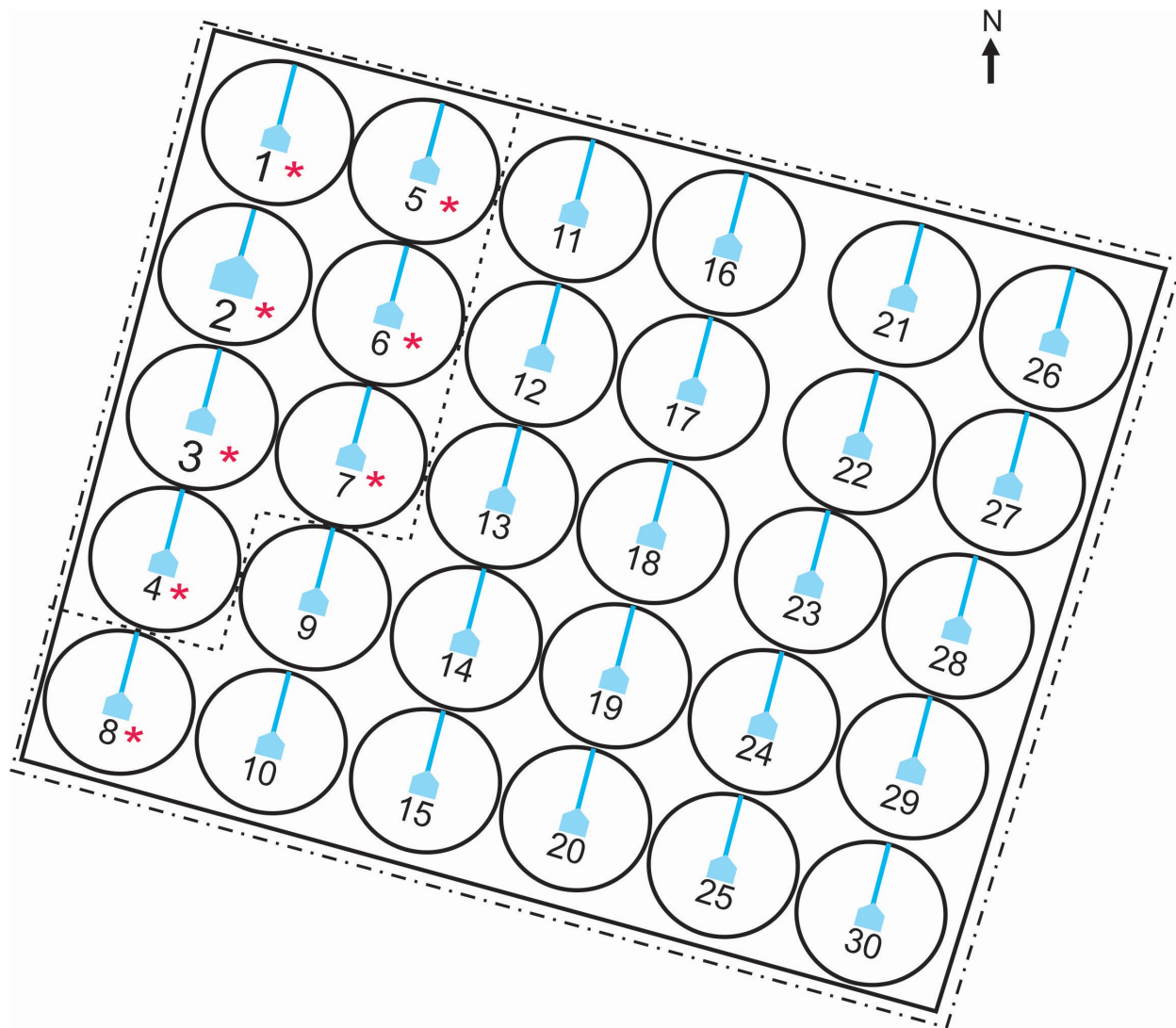
* P(4) X : 3810805
 Y : 3351178



BH 45
 PFA No.10
 Map No.18

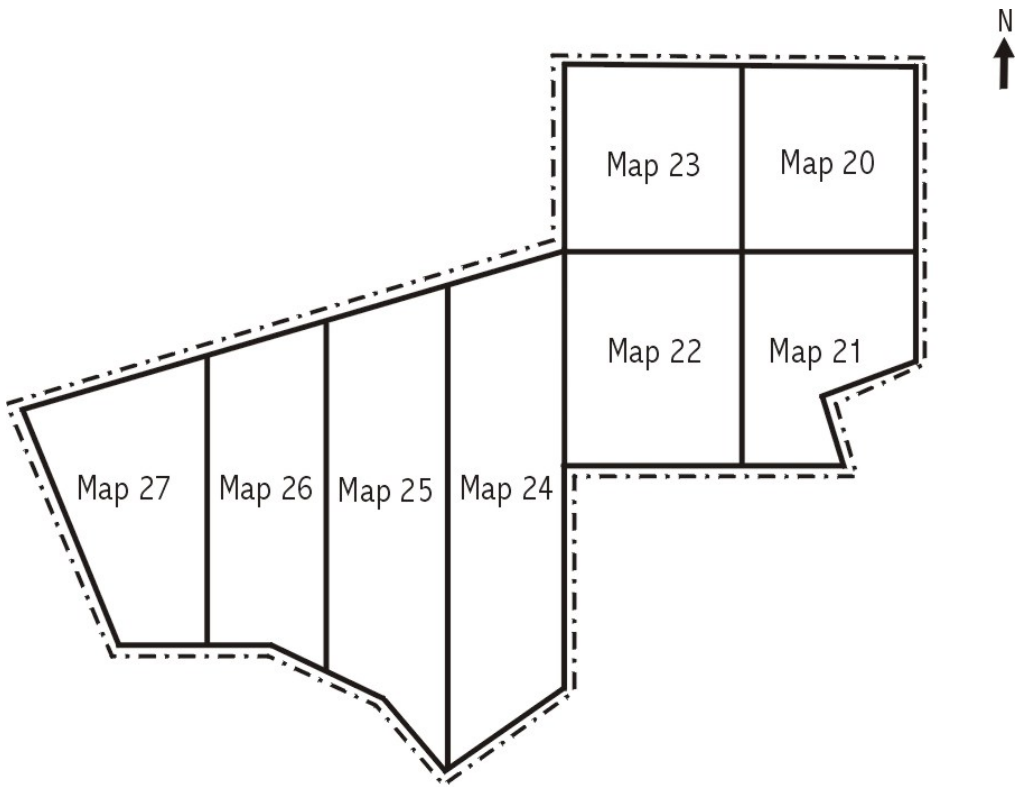
*

X : 380117
 Y : 3351688

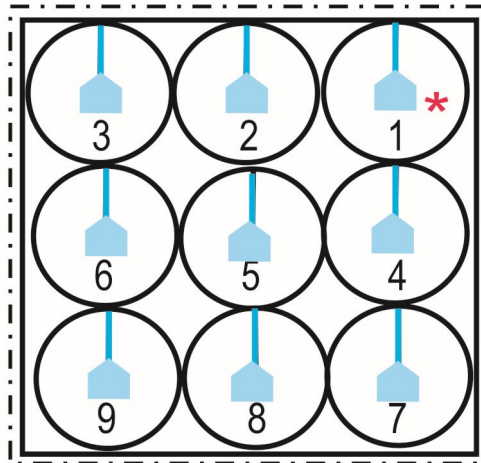


BH 45
PFA No.10
Map No.19

- | | | | |
|--------|----------------------------|--------|----------------------------|
| * P(1) | X : 3008743
Y : 3003575 | * P(2) | X : 3008960
Y : 3003238 |
| * P(3) | X : 3009158
Y : 3002916 | * P(4) | X : 3009361
Y : 3002580 |
| * P(5) | X : 3009776
Y : 3001909 | * P(6) | X : 3009871
Y : 3001014 |
| * P(7) | X : 3009016
Y : 3000295 | * P(8) | X : 3009574
Y : 3002180 |

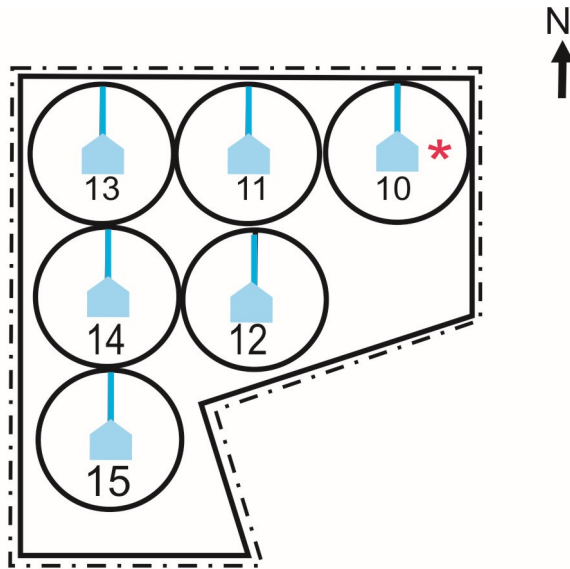


General Map
Dakahlia Farm



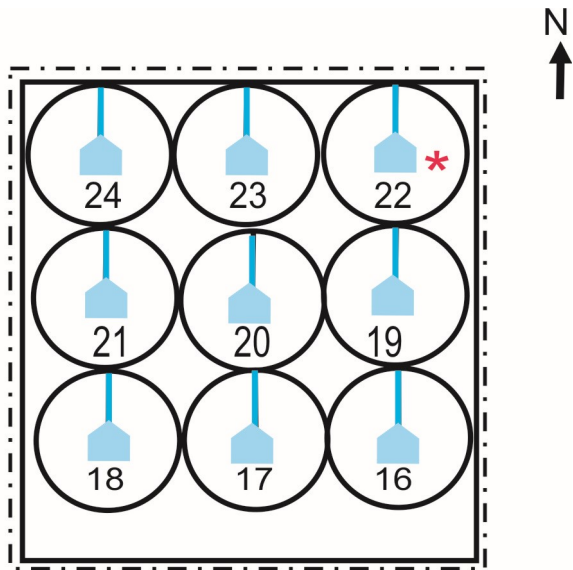
BH 45
PFA No.10
Map No.20

*X : 3008667
Y : 3003314



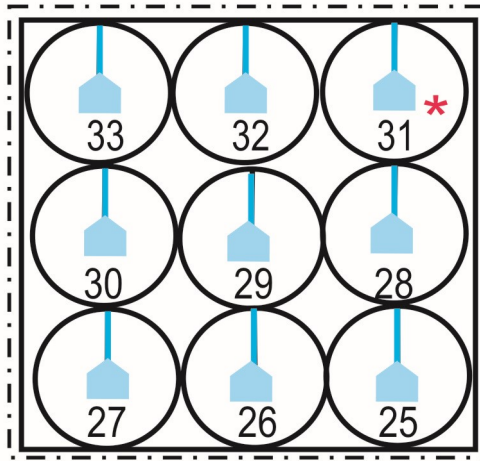
BH 45
PFA No.10
Map No.21

*X : 3008686
Y : 3003283



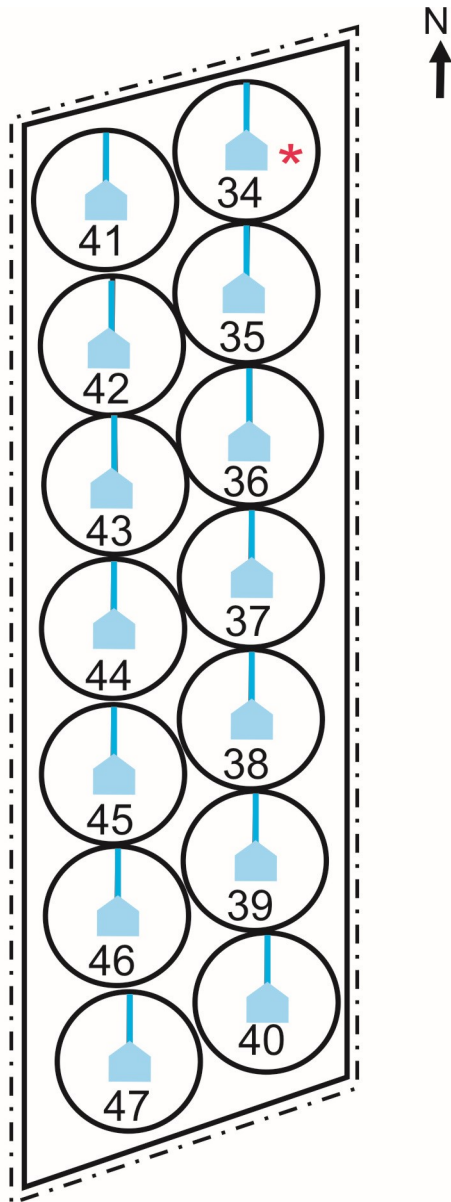
BH 45
PFA No.10
Map No.22

* X : 3008800
Y : 3003098



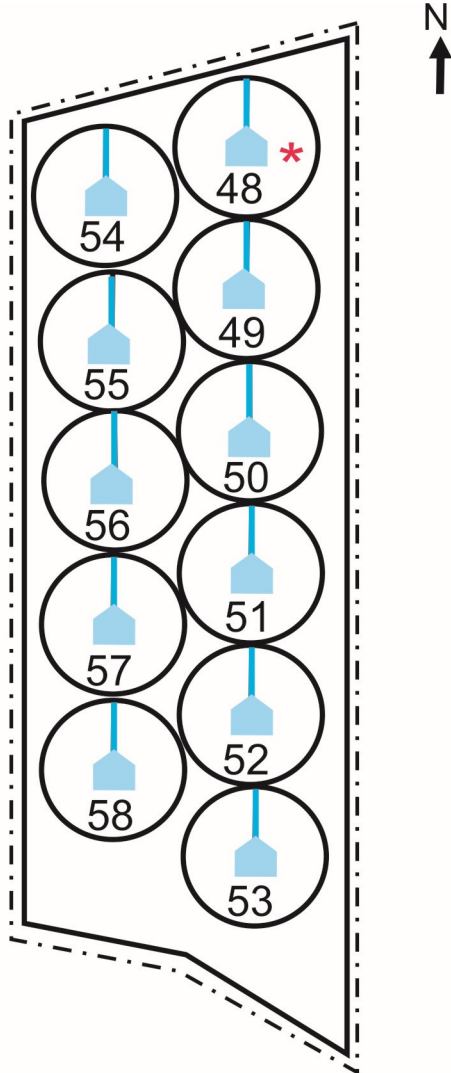
BH 45
PFA No.10
Map No.23

* X : 3008980
Y : 3002787



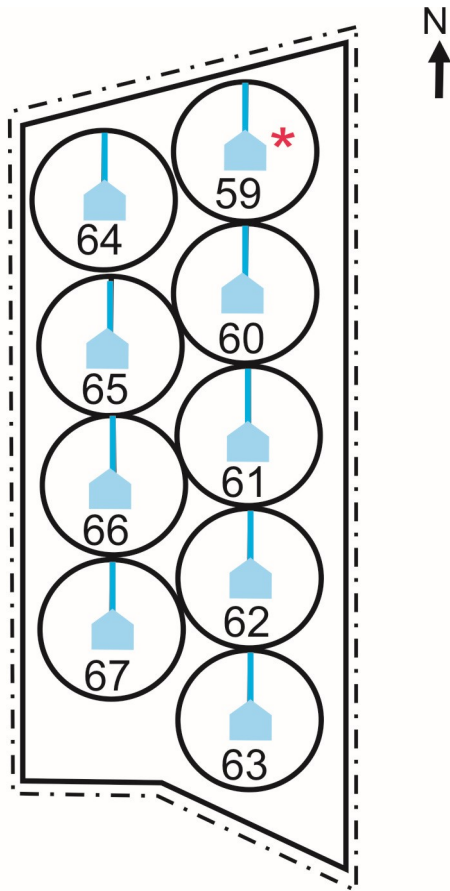
BH 45
 PFA No.10
 Map No.24

* X : 3008407
 Y : 3003766



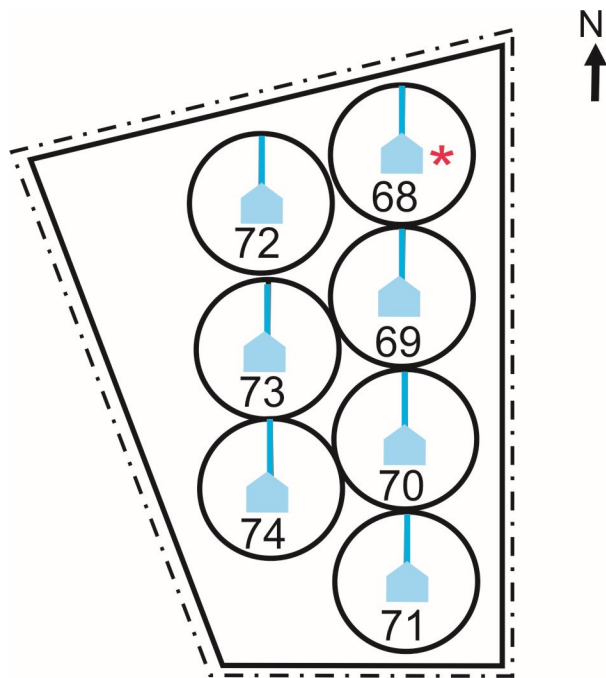
BH 45
PFA No.10
Map No.25

* X : 3008224
Y : 3004057



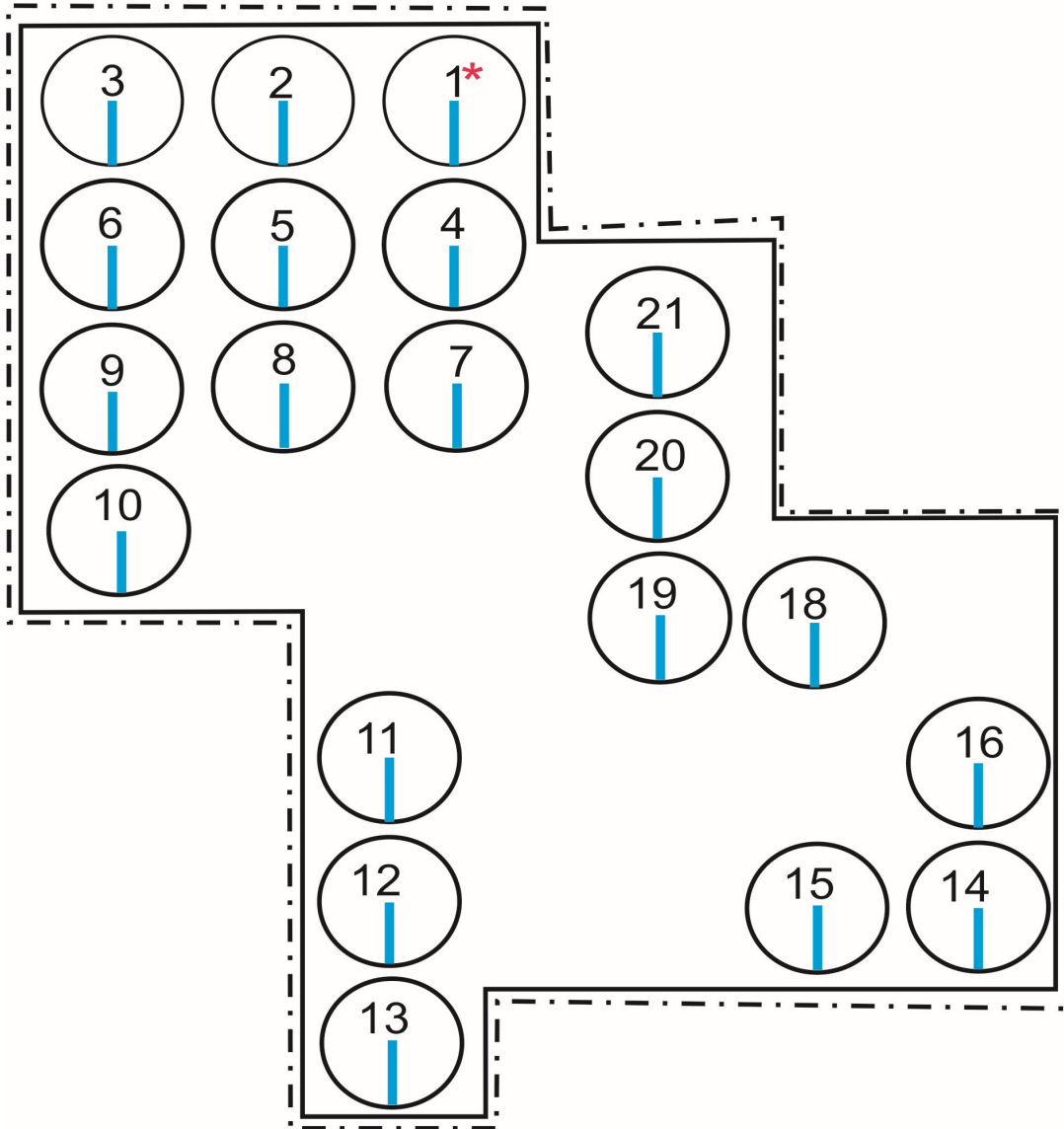
BH 45
PFA No.10
Map No.26

* X : 3008203
Y : 3004097



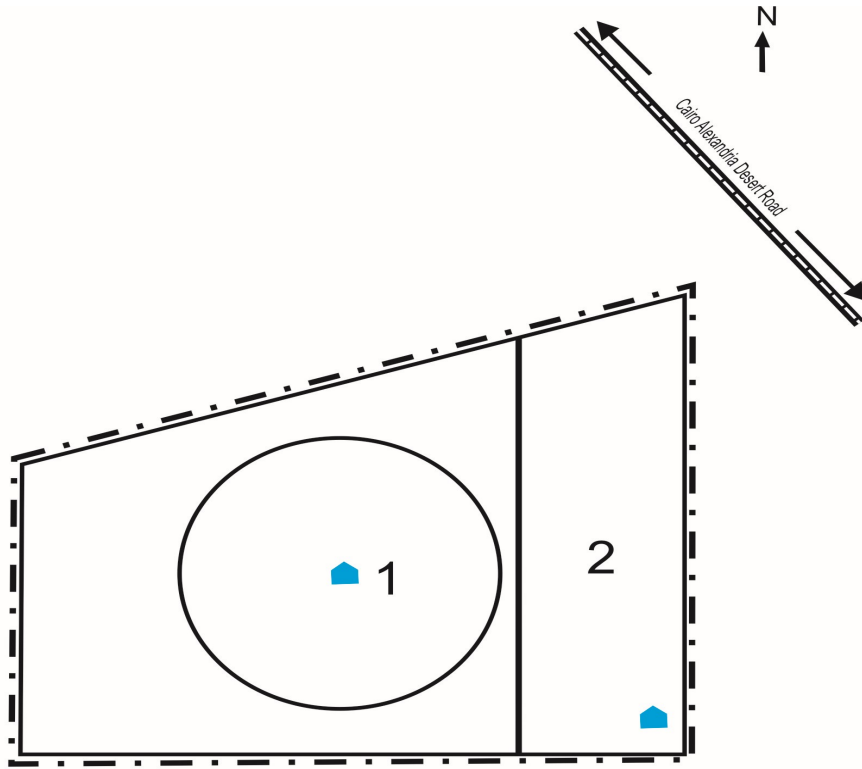
BH 45
PFA No.10
Map No.27

*X : 3008459
Y : 3004348

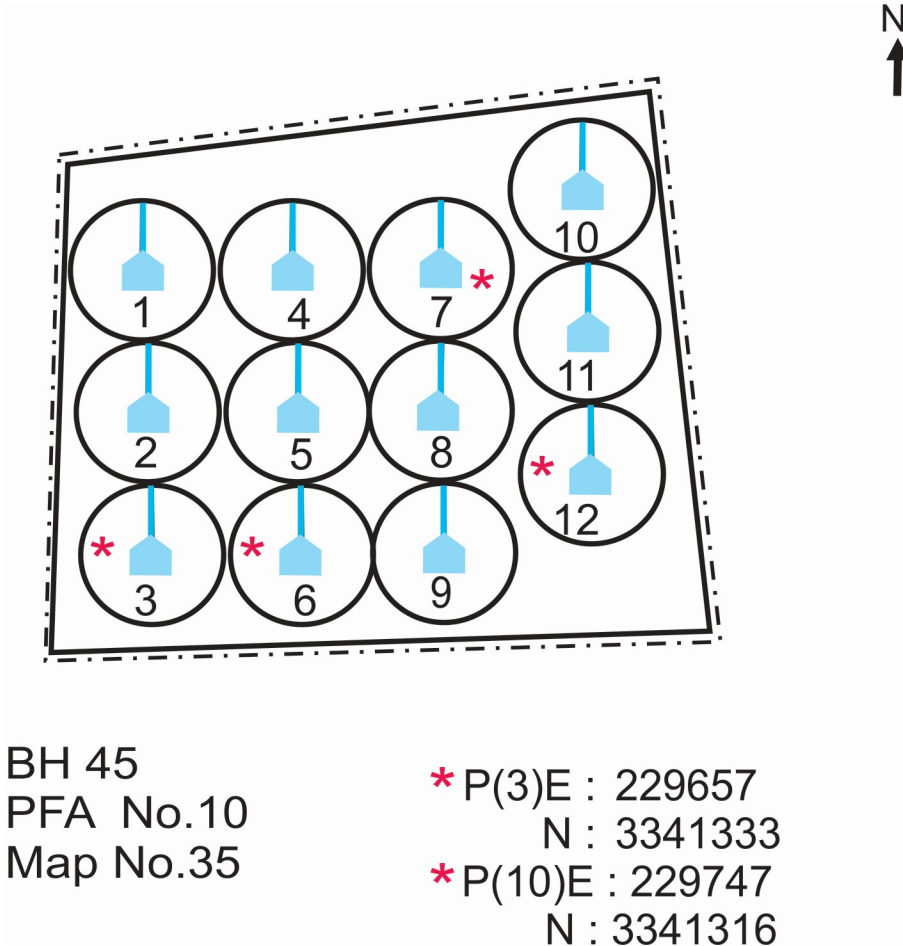


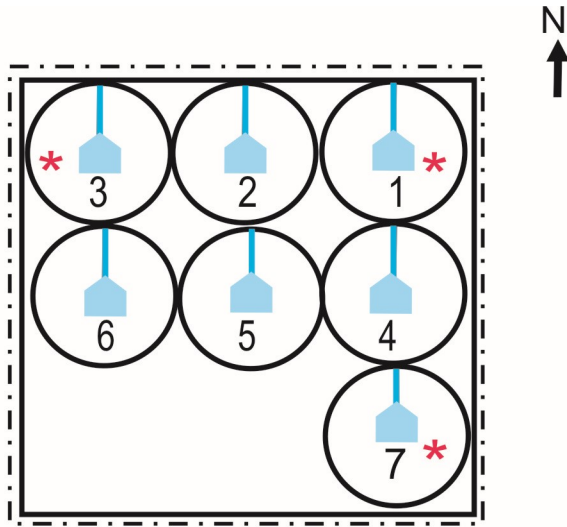
BH45
PFA No.10
Map No.33

* P(1)E : 218743
N : 3382472



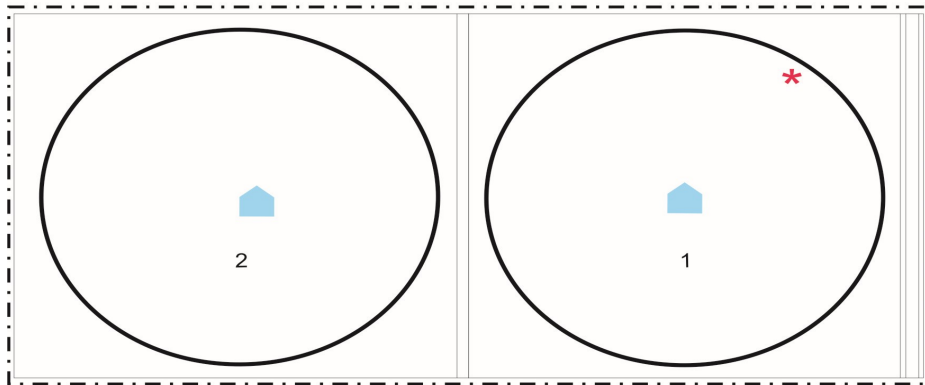
Bh45
PFA No.10
Map No.34





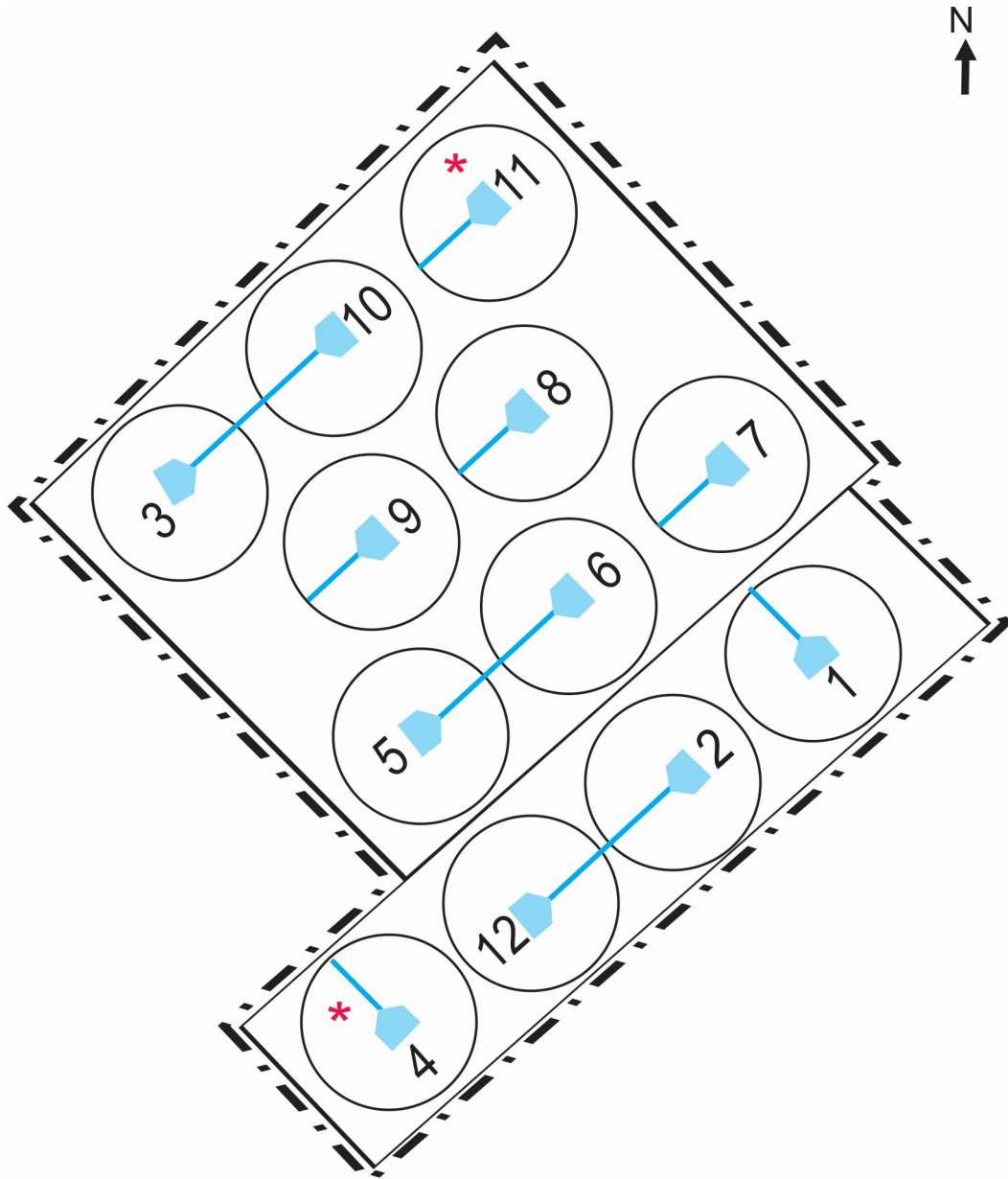
BH 45
PFA No.10
Map No.36

* P(1)E : 780948
N : 3341607
* P(6)E : 780055
N : 3341964



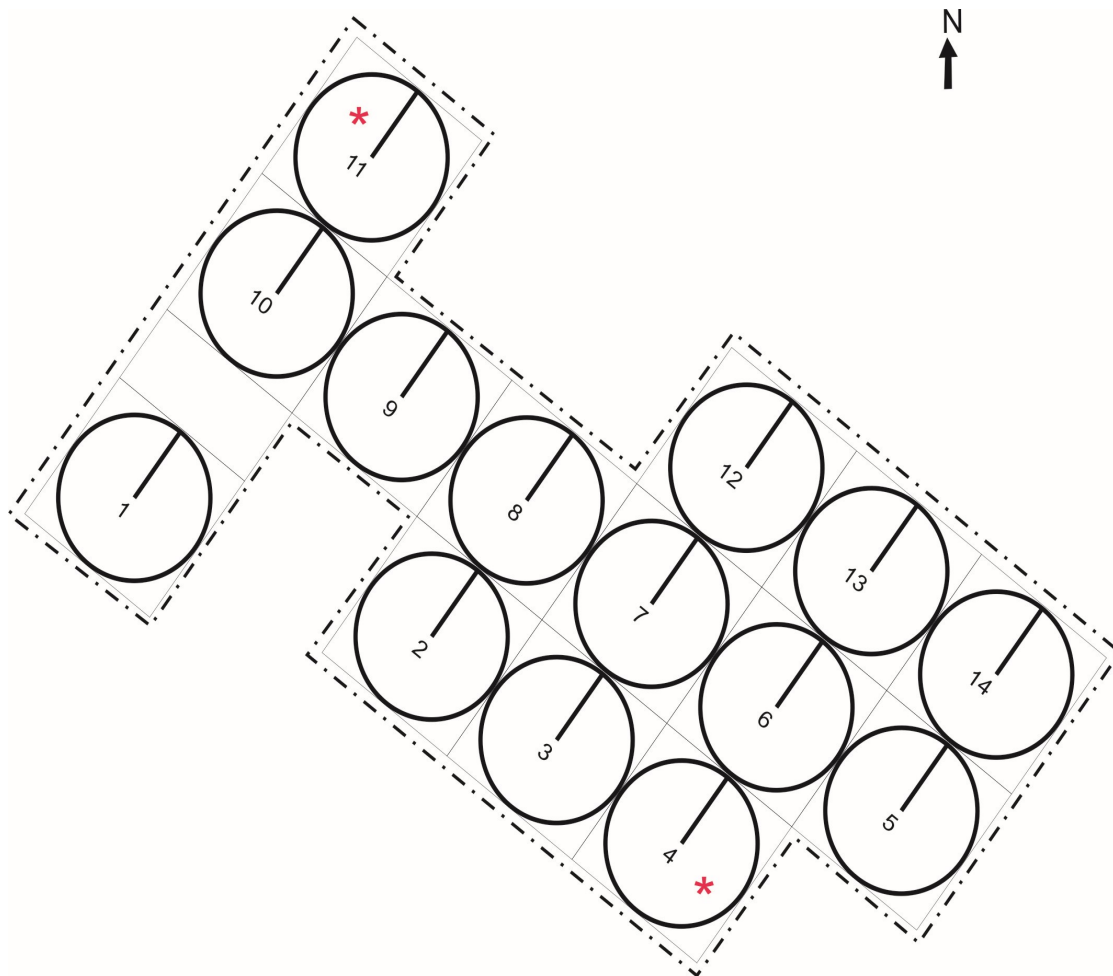
BH 45
PFA No.10
Map No.37

*P(1)E : 220858
N : 3349395



BH 45
PFA No.10
Map No.41

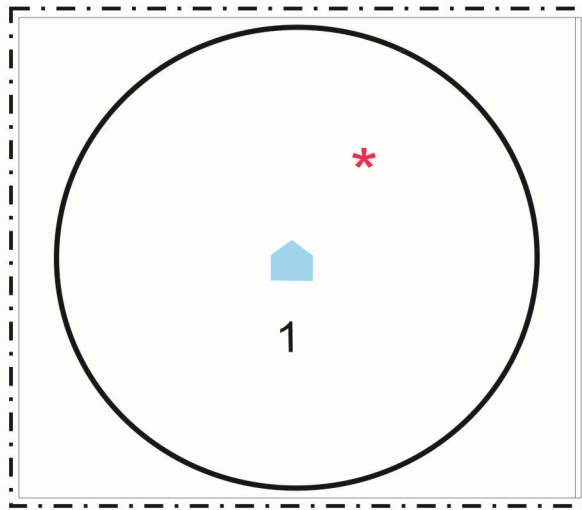
* P(1)E : 229657
N : 3341333
* P(6)E : 229747
N : 3341316



BH 45
PFA No 10
Map No 42

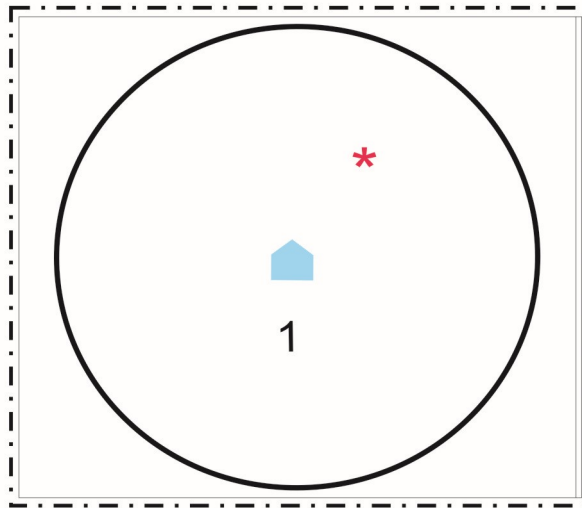
*P(4)E : 221916
N : 3346743

*P(11)E : 220066
N : 3348428



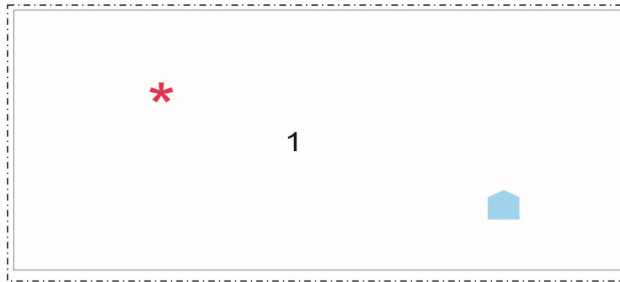
BH 45
PFA No.10
Map No.43

*P(1)E : 223876
N : 3348830



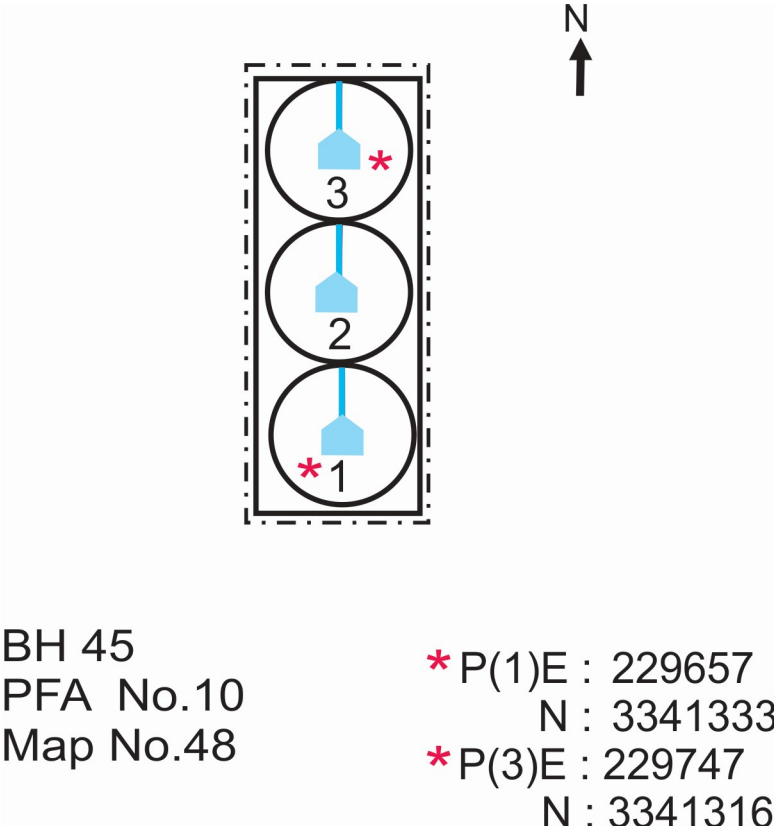
BH 45
PFA No.10
Map No.44

*P(1)E : 220690
N : 3347951



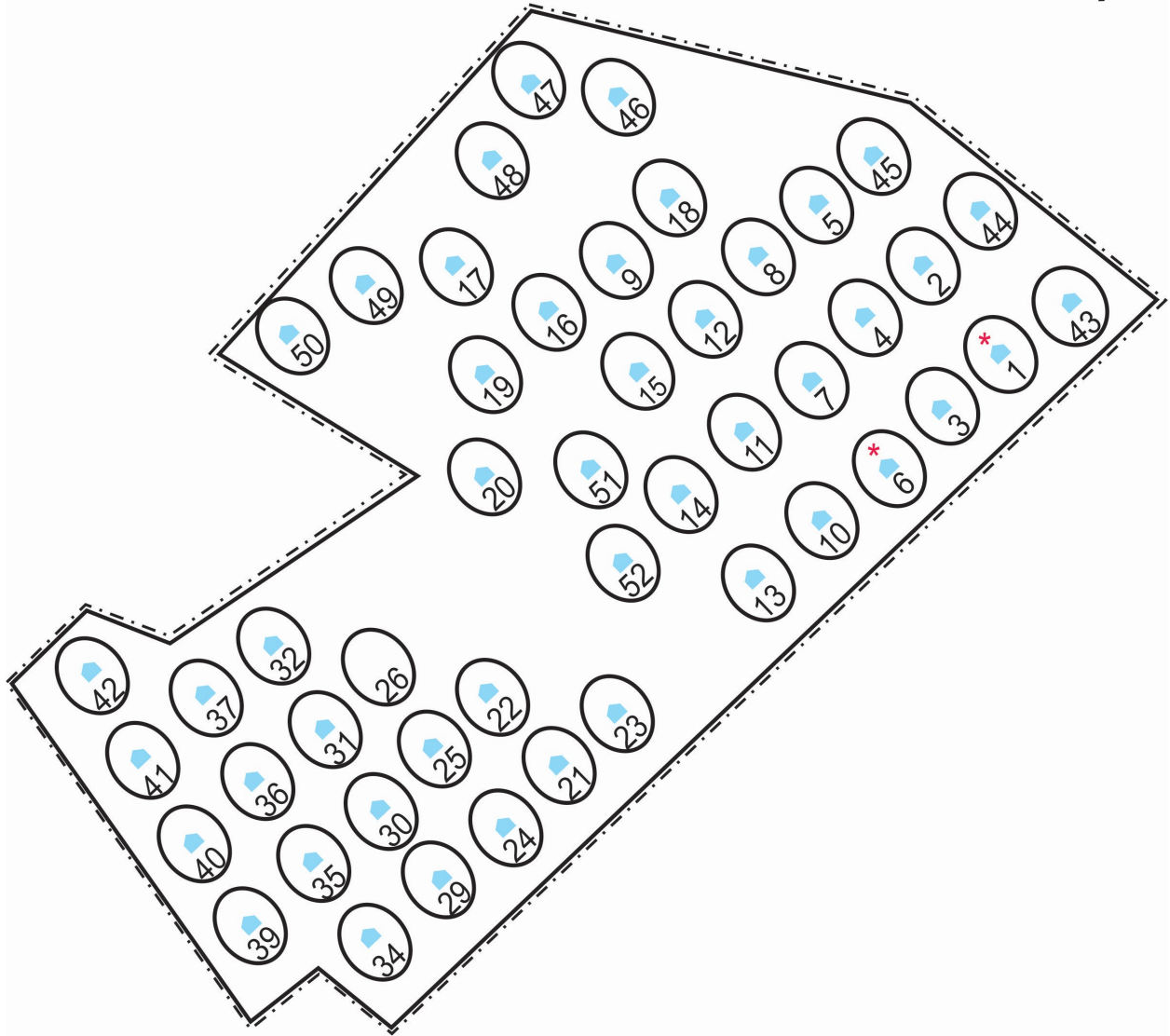
BH 45
PFA No.10
Map No.45

* B(1)E : 247567
N : 3353123



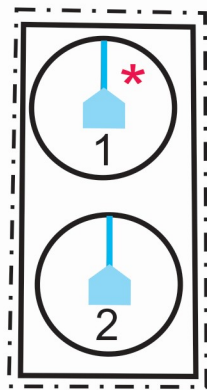
BH 45
PFA No.10
Map No.48

* P(1)E : 229657
N : 3341333
* P(3)E : 229747
N : 3341316



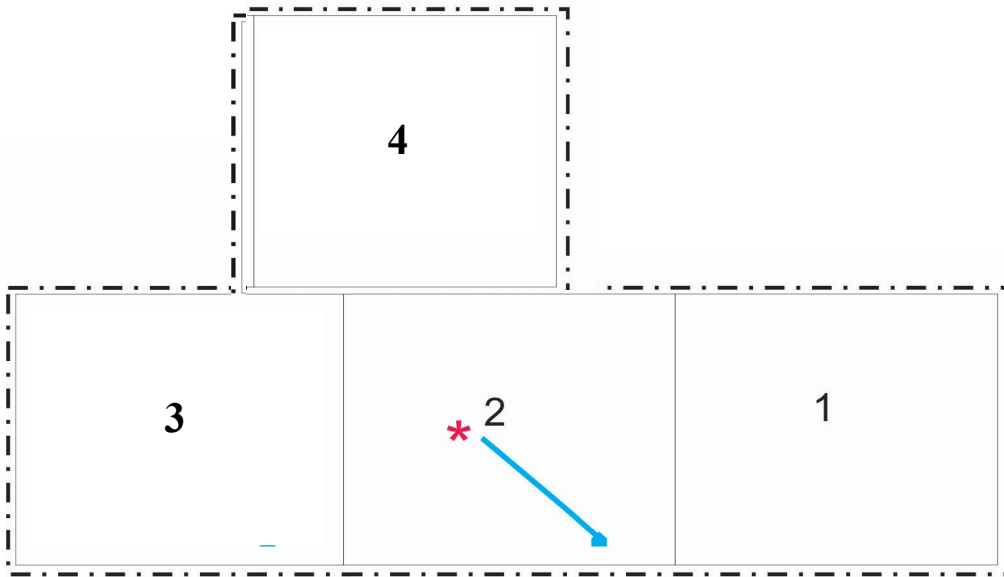
BH 45
PFA No.10
Map No.49

* P(1)E : 229657
N : 3341333
* P(6)E : 229747
N : 3341316



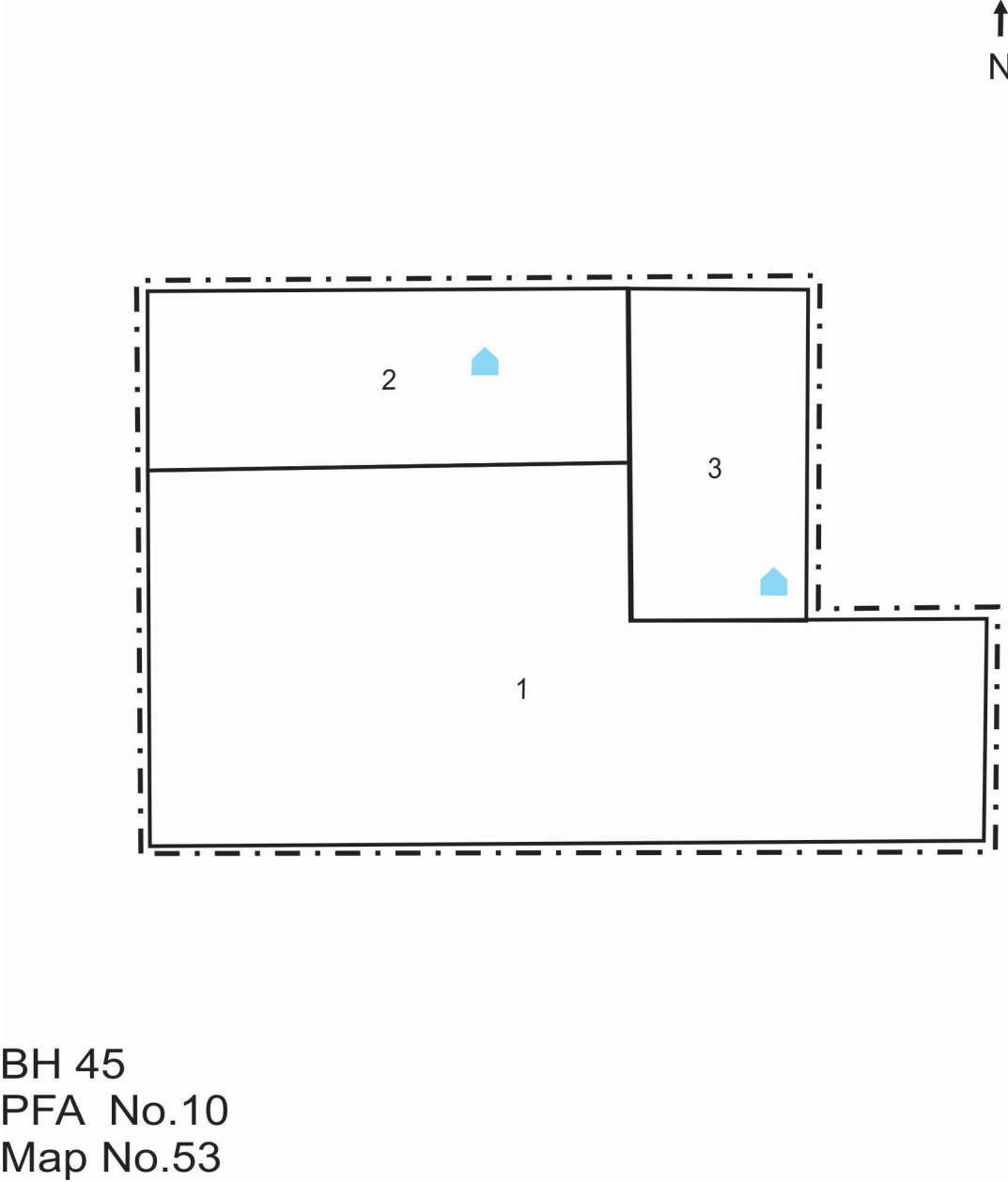
BH 45
PFA No.10
Map No.51

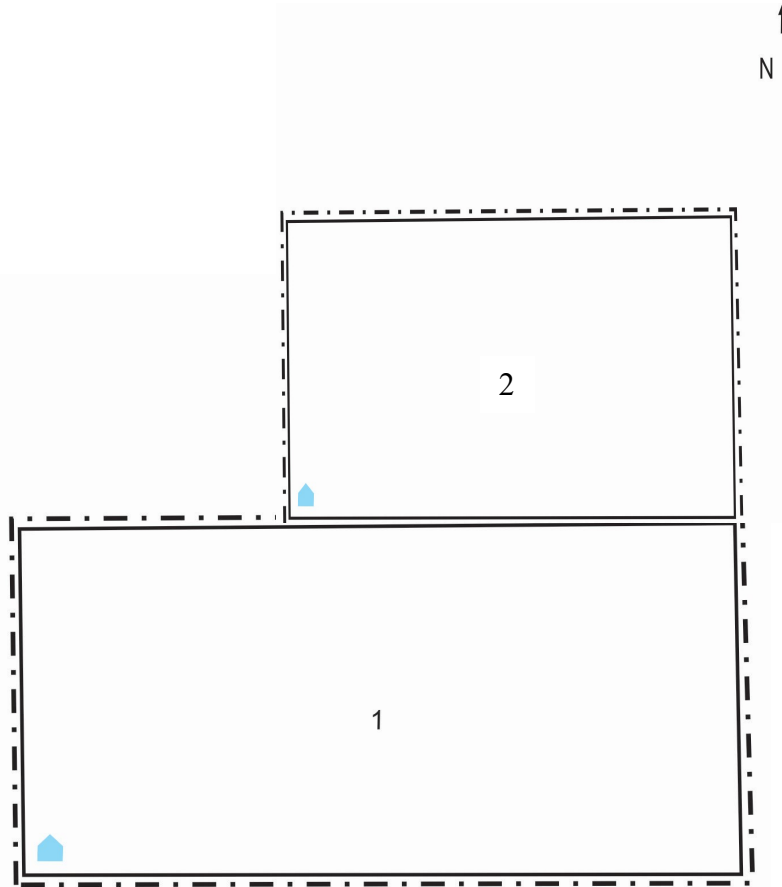
P(3)E : 229657
N : 3341333
* P(10)E : 229747
N : 3341316



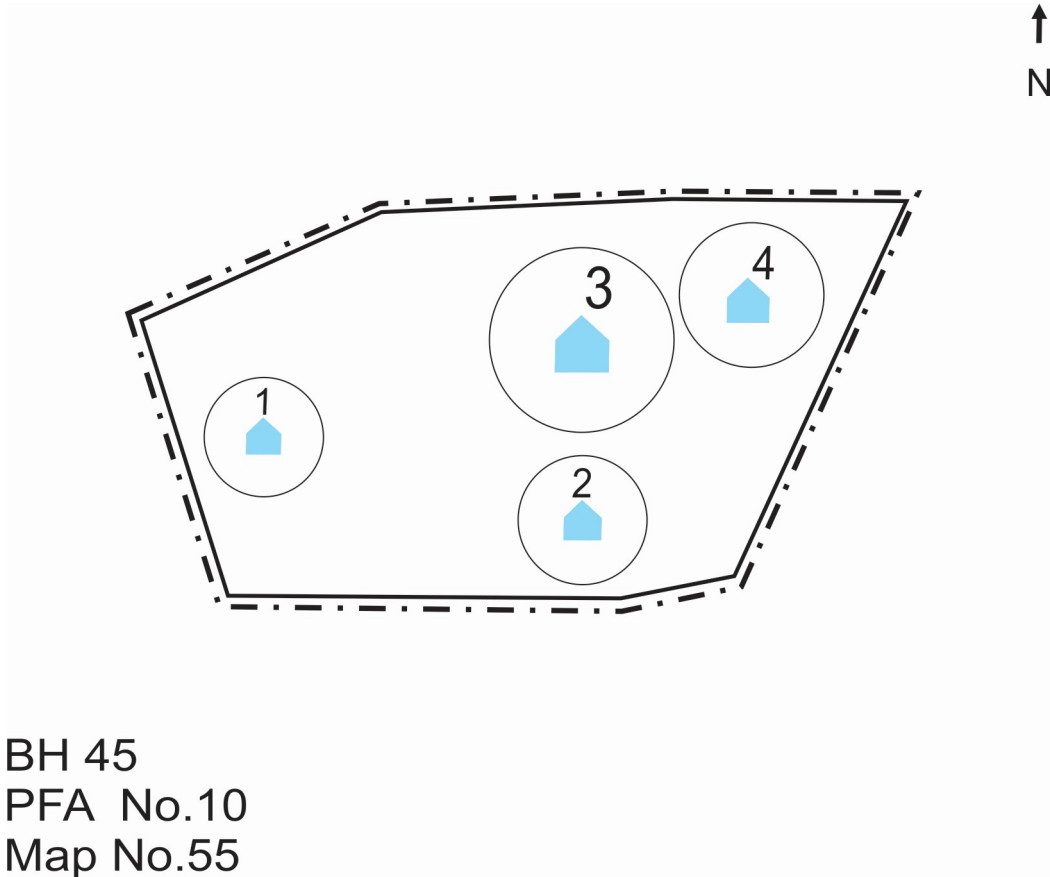
BH 45
PFA No.10
Map No.52

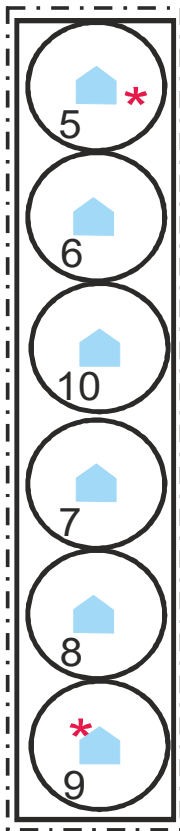
*E:3049535
N:3004760





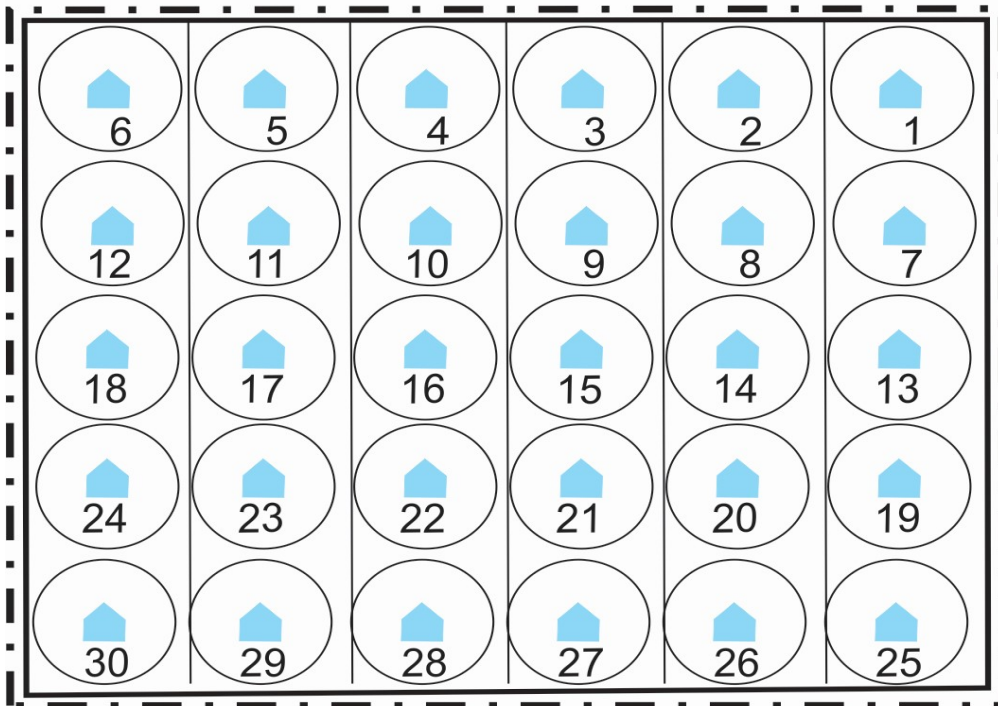
BH 45
PFA No.10
Map No.54



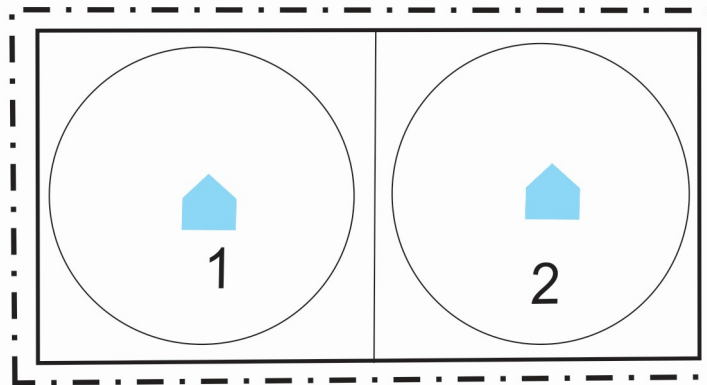


BH 45
PFA No.10
Map No.56

* P(5)E : 248335
N : 3352121
* P(9)E : 251486
N : 3351936

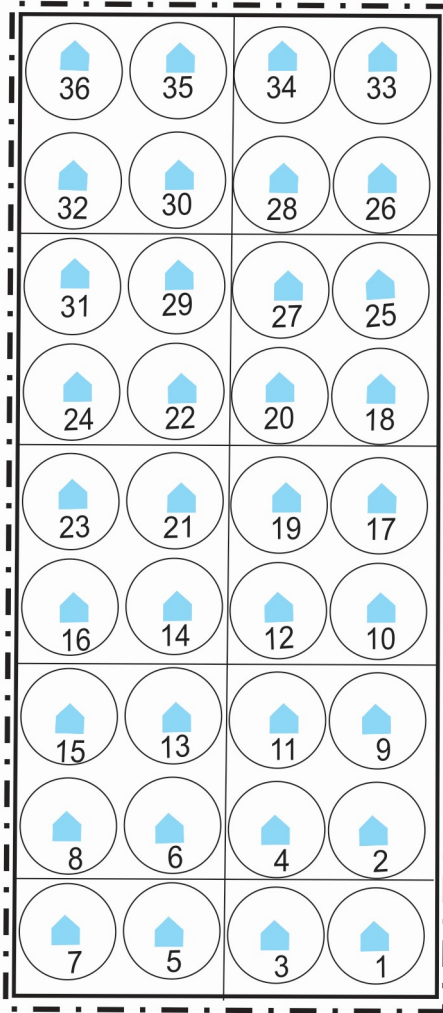


BH 45
PFA No.10
Map No.57

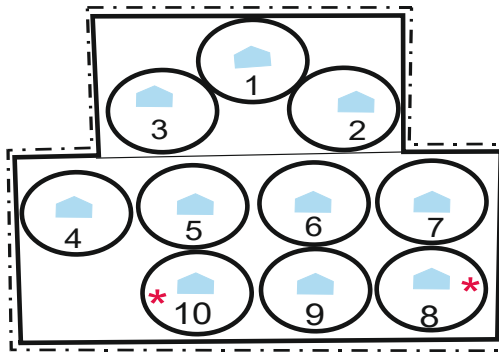


BH 45
PFA No.10
Map No.58

↑
N

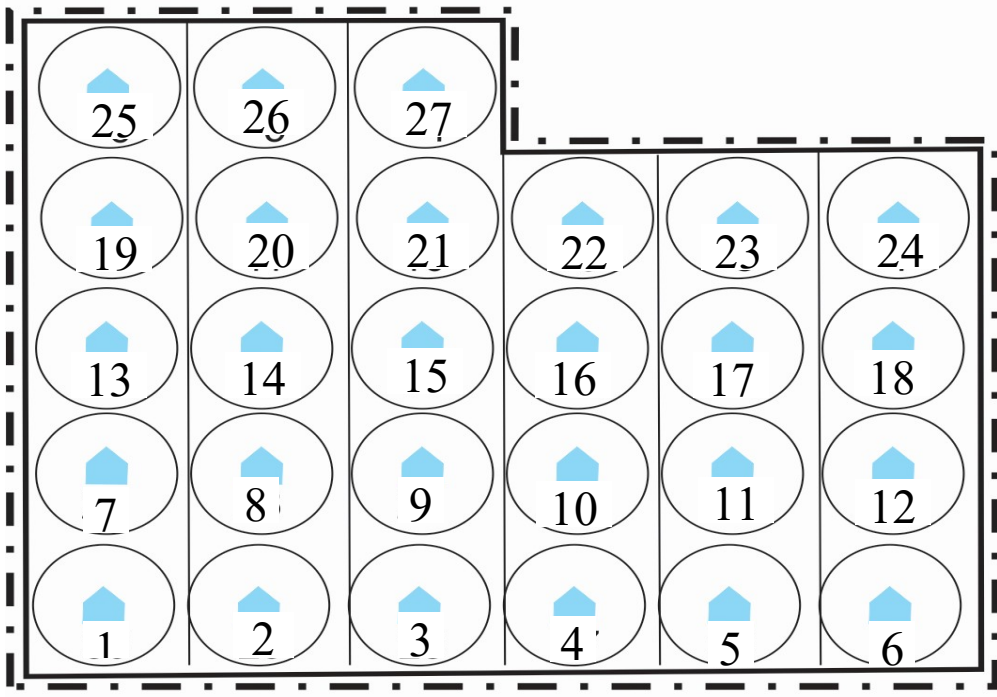


BH 45
PFA No.10
Map No.59

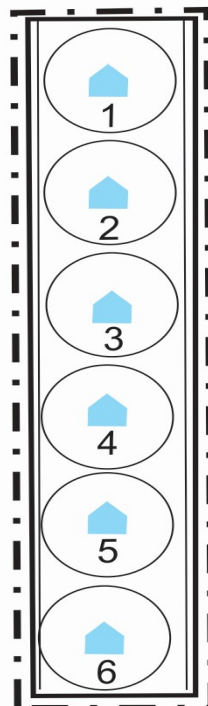


BH 45
PFA No.10
Map No.60

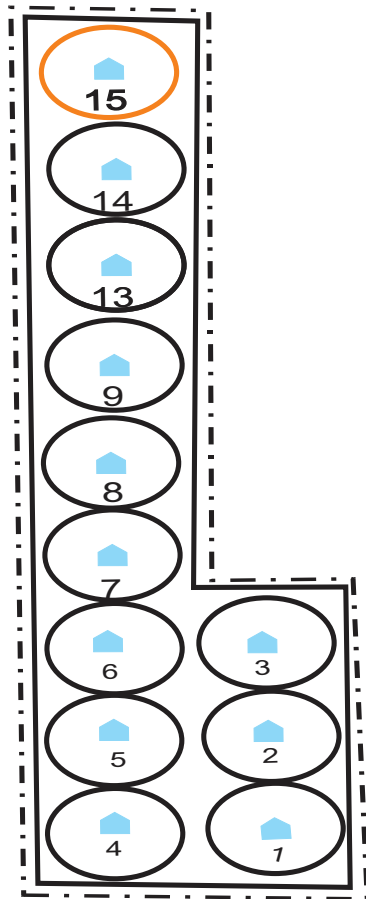
* P(8)E :244025
N :335137
* P(10)E :243153
N : 335162



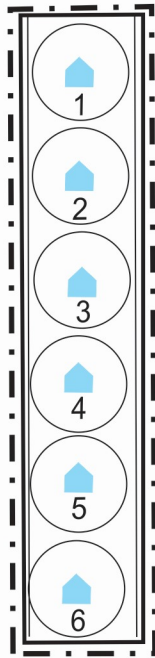
BH 45
PFA No.10
Map No.61



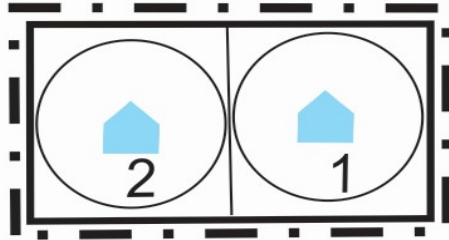
BH 45
PFA No.10
Map No.62



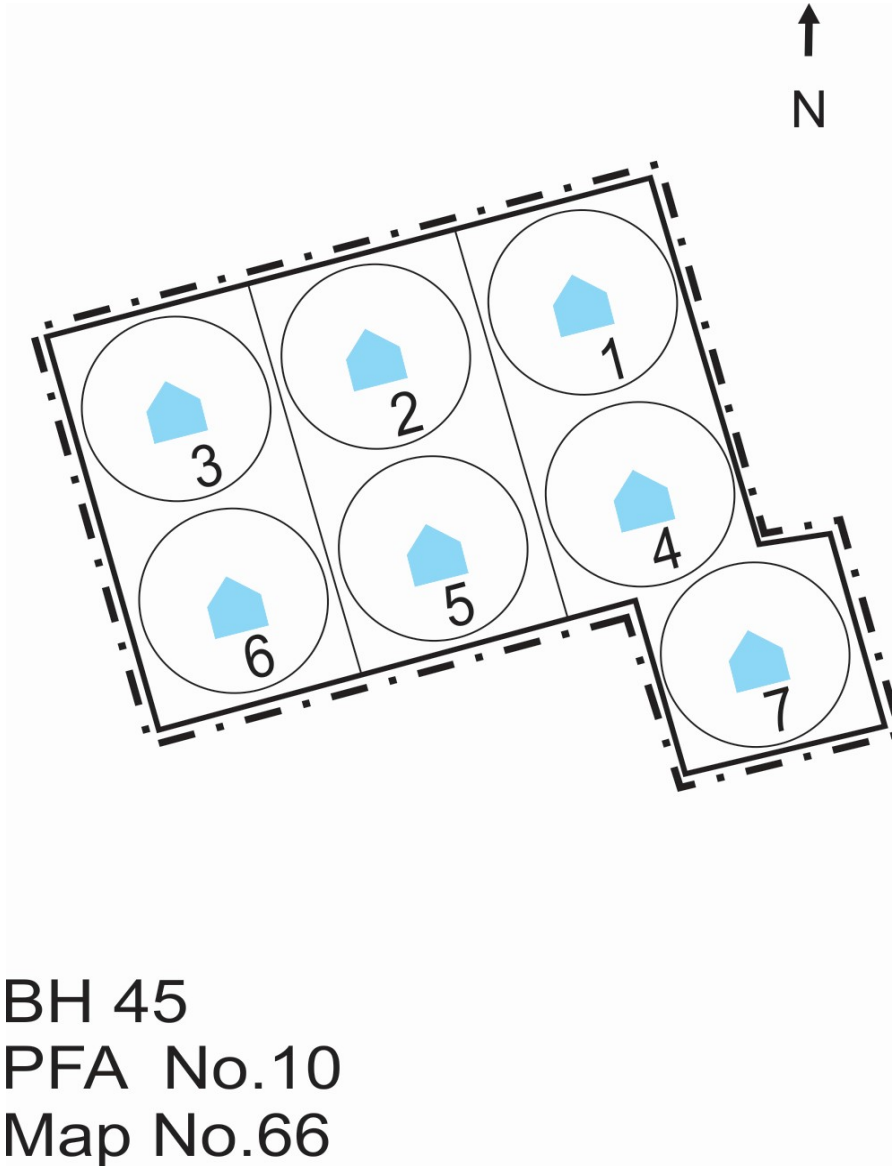
BH 45
PFA No.10
Map No.63



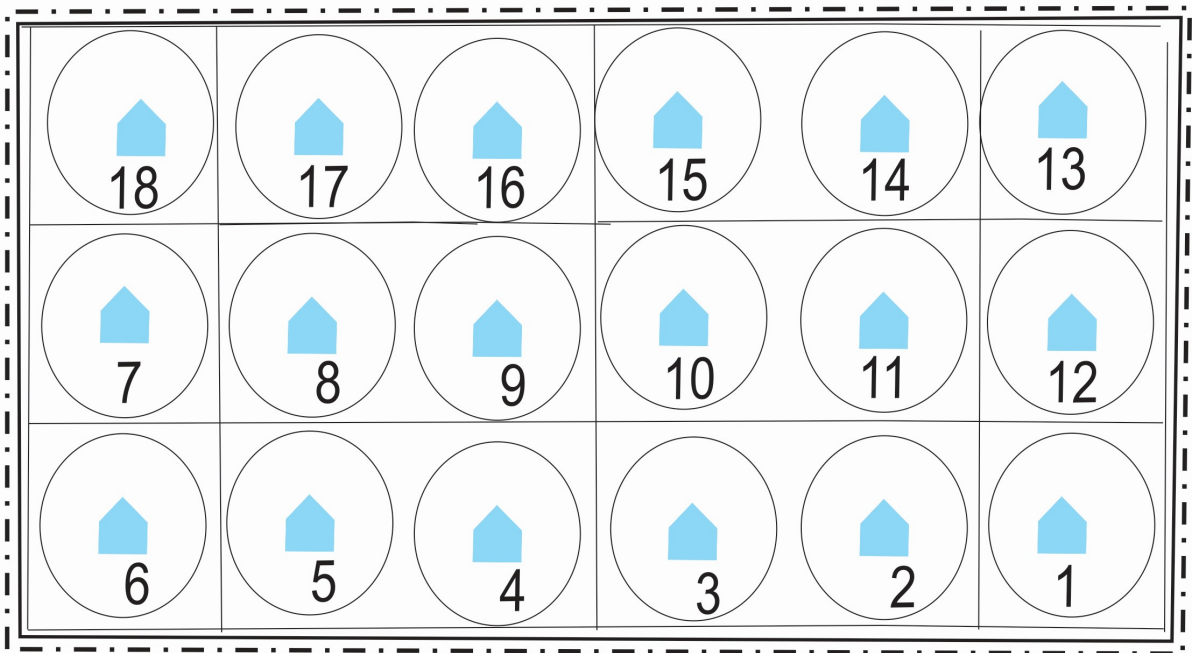
BH 45
PFA No.10
Map No.64



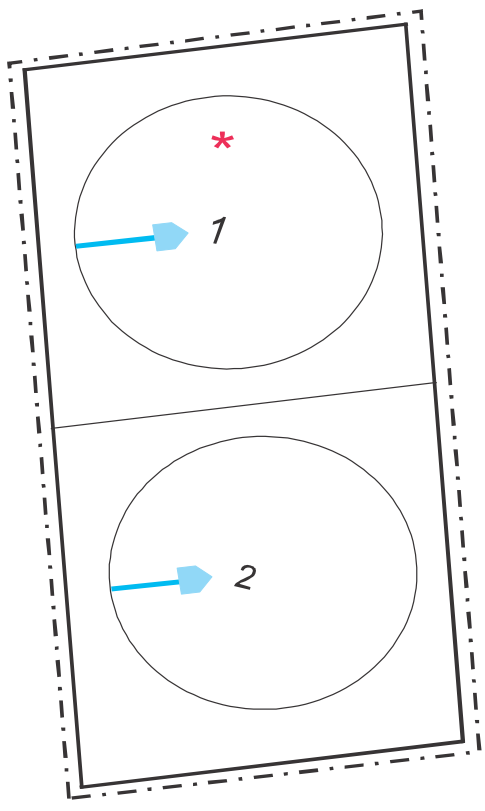
BH 45
PFA No.10
Map No.65



BH 45
PFA No.10
Map No.66

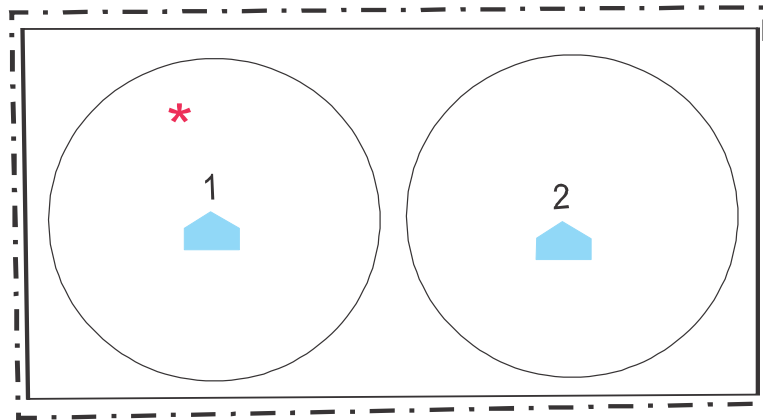


BH 45
PFA No.10
Map No.67



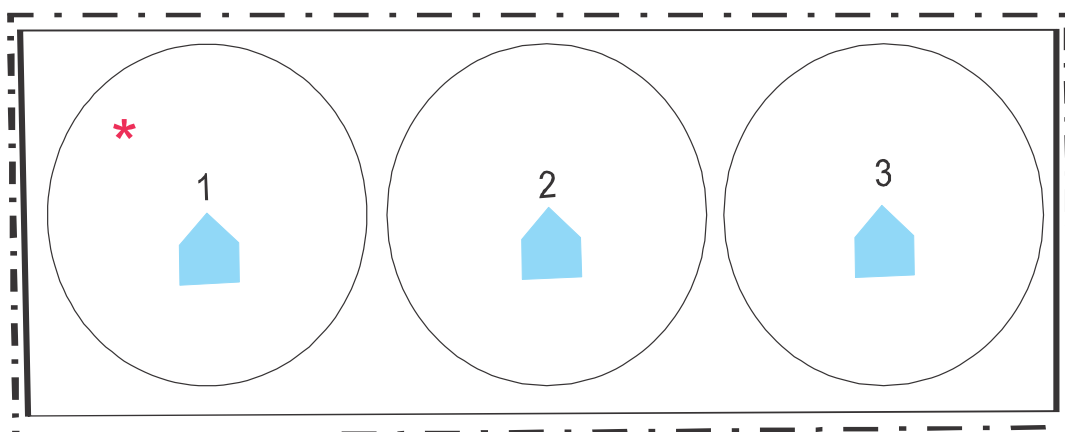
BH 45
PFA No.10
Map No.68

* P(1) E: 3027279
N: 3015185



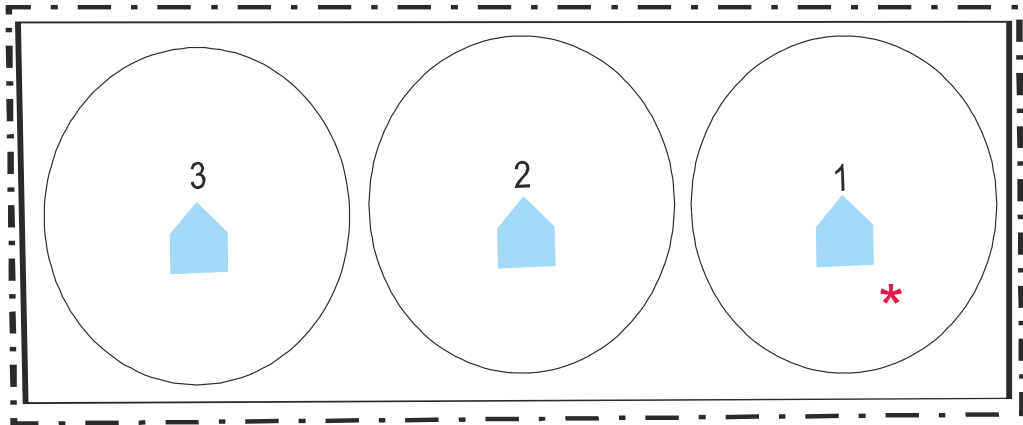
BH 45
PFA No.10
Map No.69

* P (1)E : 244788
N : 3344972



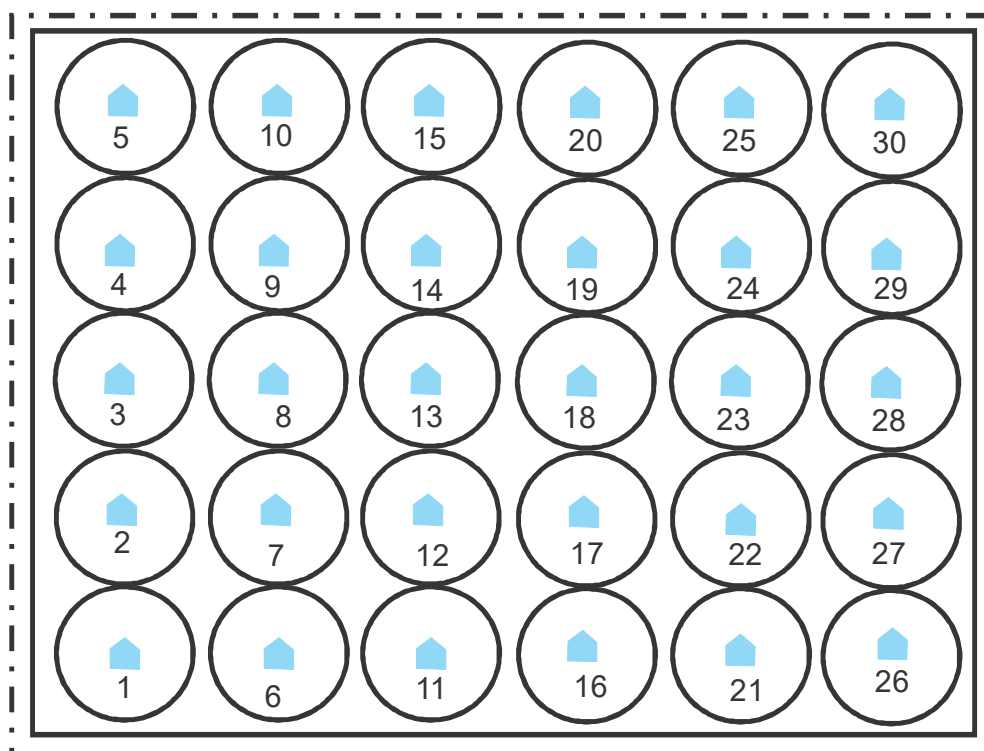
BH 45
PFA No.10
Map No.70

* P (1)^E : 248135
N : 3344730

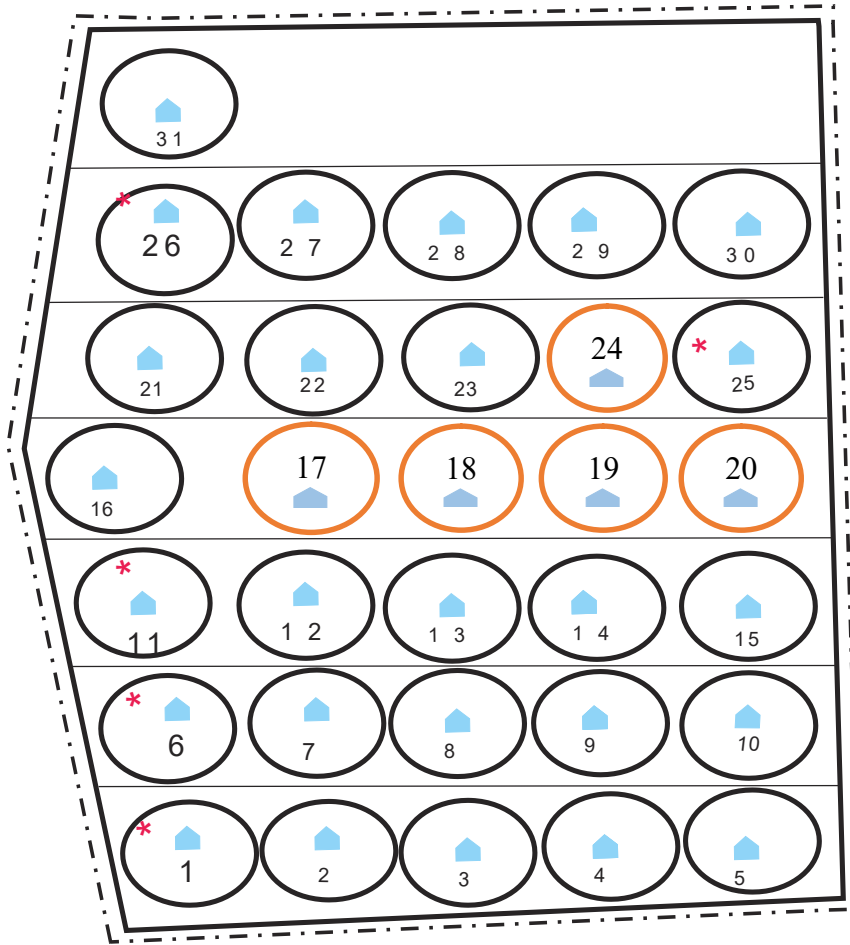


BH 45
PFA No.10
Map No.71

* P (1)^E :248470
N:3351531

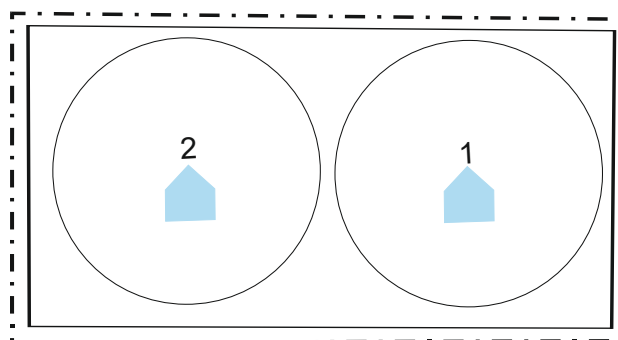


BH 45
PFA No.10
Map No.72

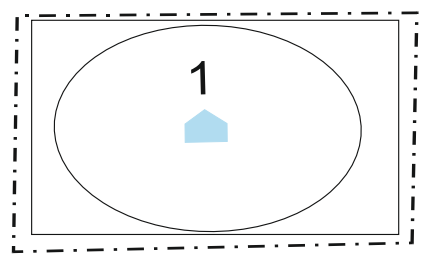


BH 45
PFA No.10
Map No.73

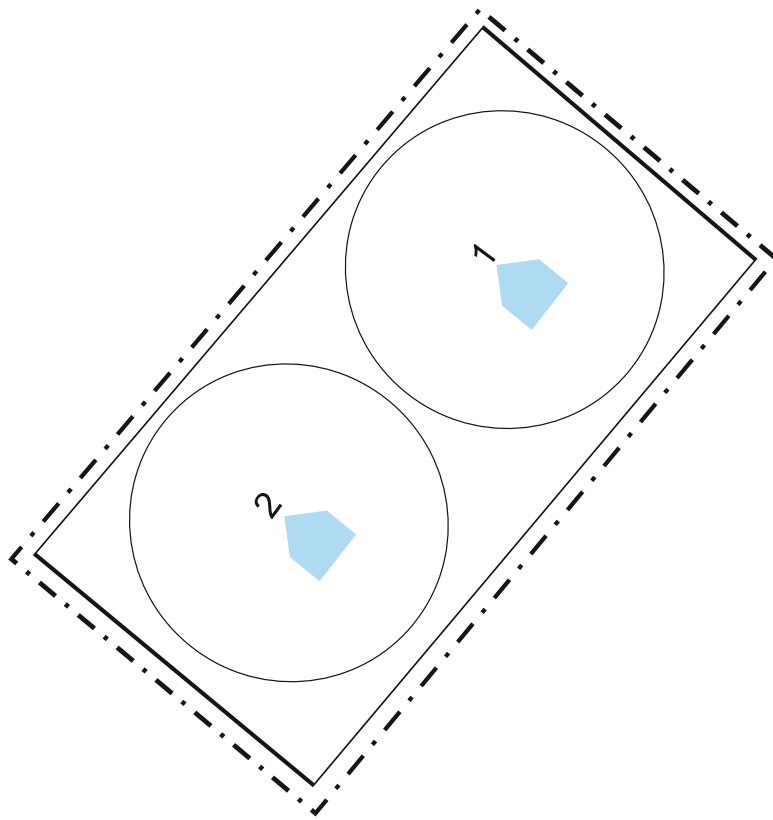
* P(1)E: 241146
N: 23342491
* P(25)E: 243718
N: 3345078



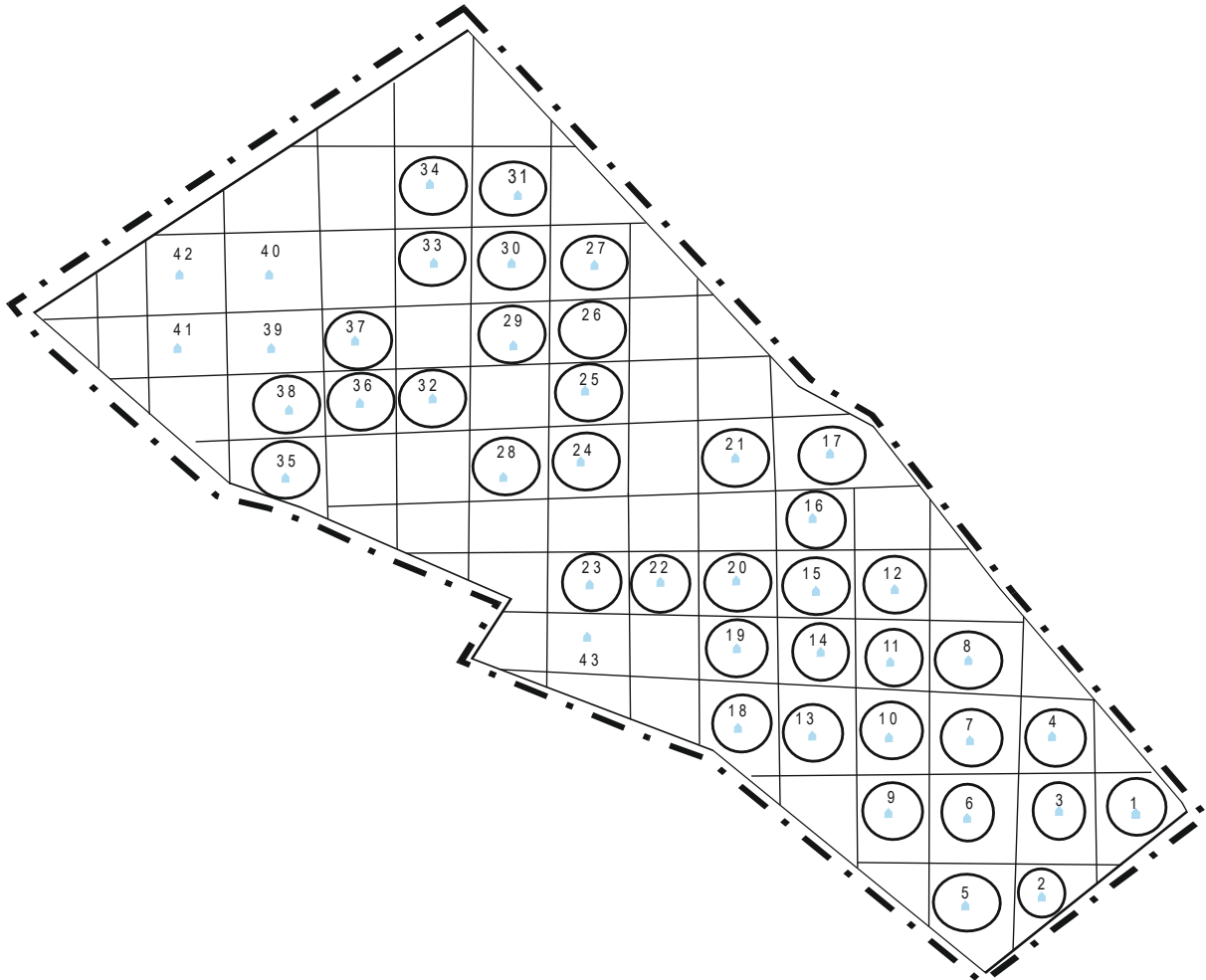
BH 45
PFA No.10
Map No.74



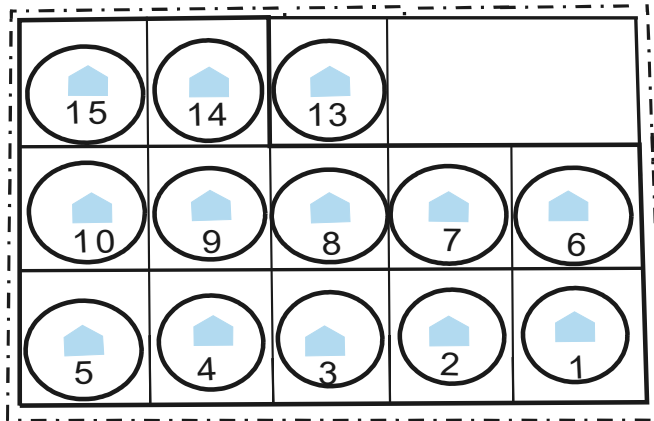
B H . 4 5
P F A N o . 1 0
M a p N o . 7 5



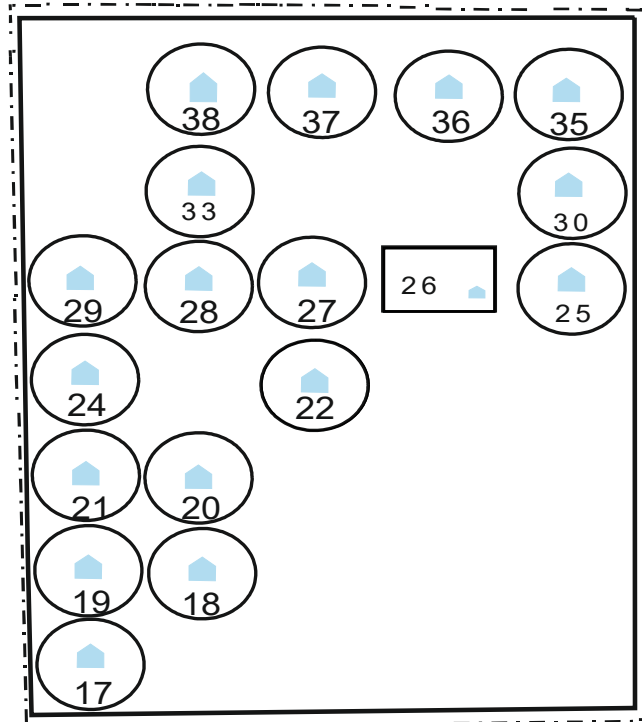
BH 45
PFA No.10
Map No.76



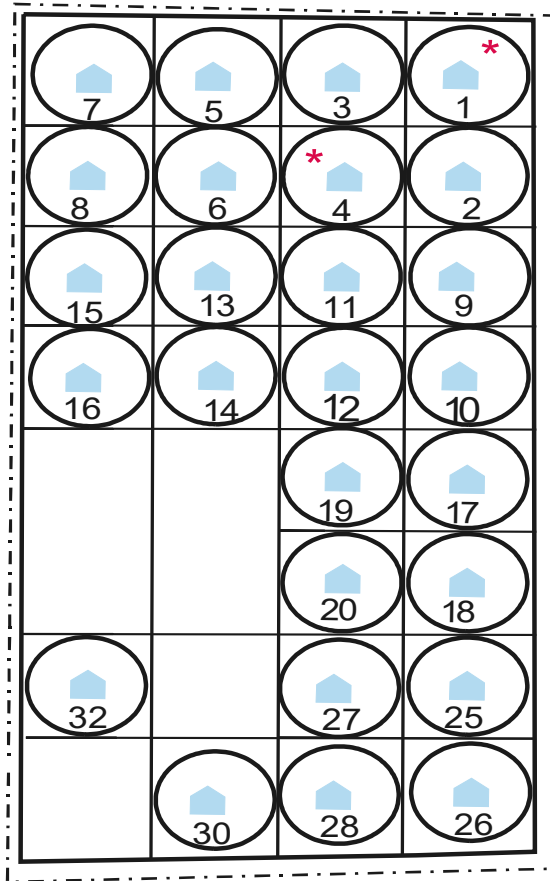
BH . 45
PFA No.10
Map No.77



BH 45
PFA No.10
Map No.78

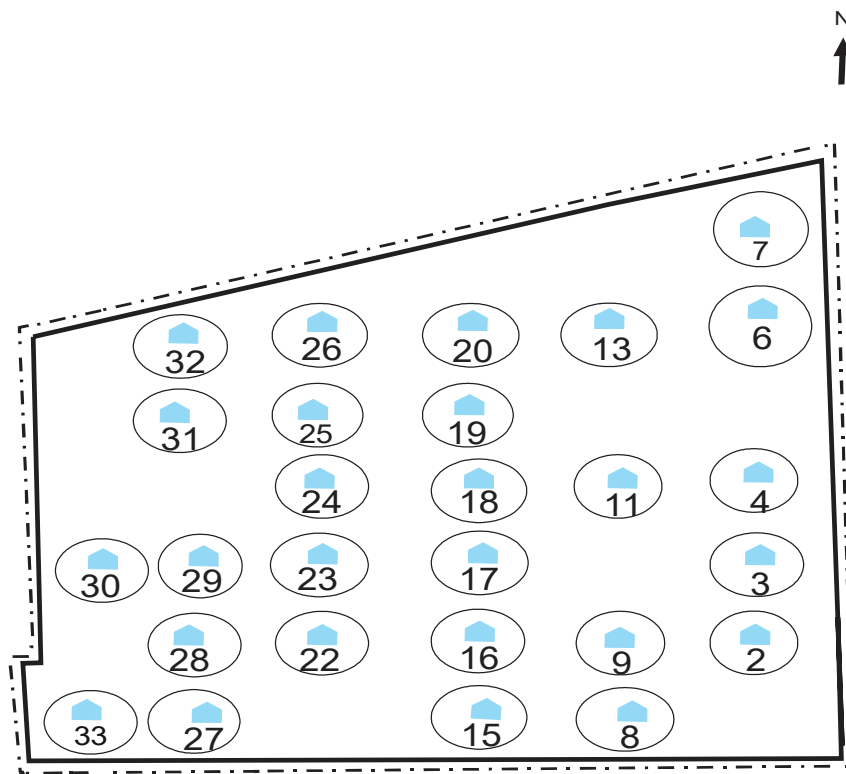


BH 45
PFA No.10
Map No.79

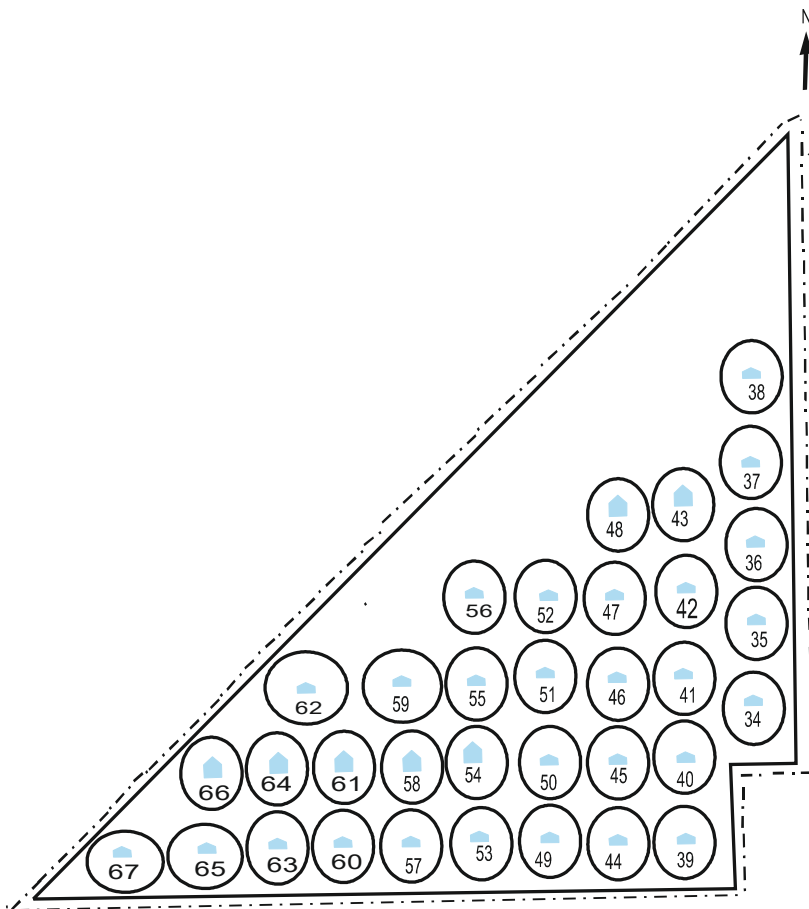


BH 45
PFA No.10
Map No.80

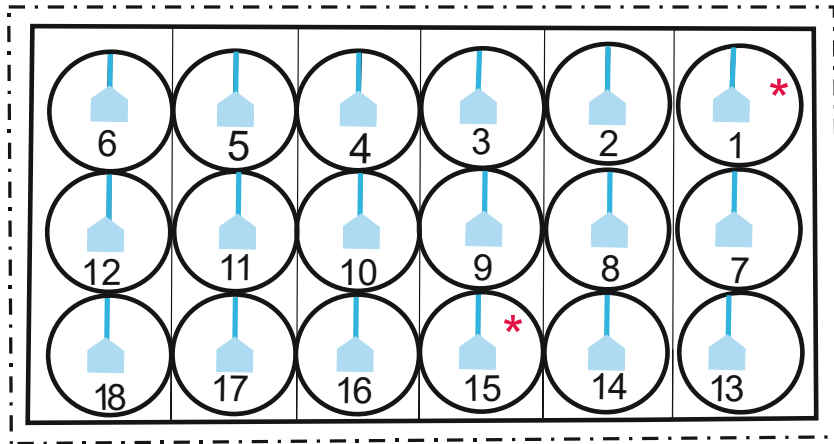
* P(1)E :302036
N :301040
* P(4)E :302032
N : 300726



BH 45
PFA No.10
Map No.81

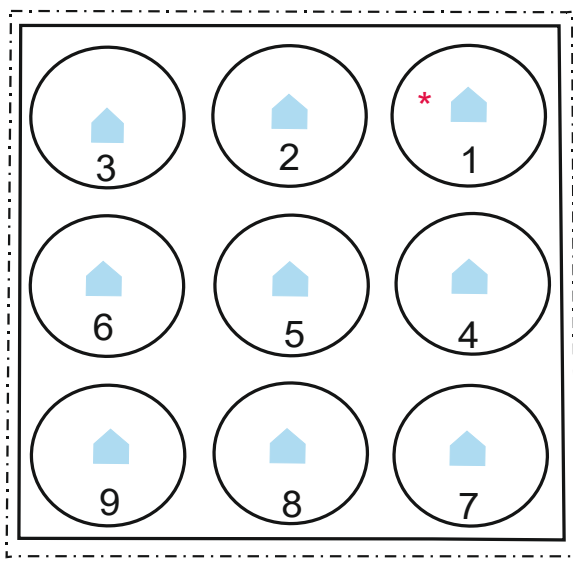


BH 45
PFA No.10
Map No.82



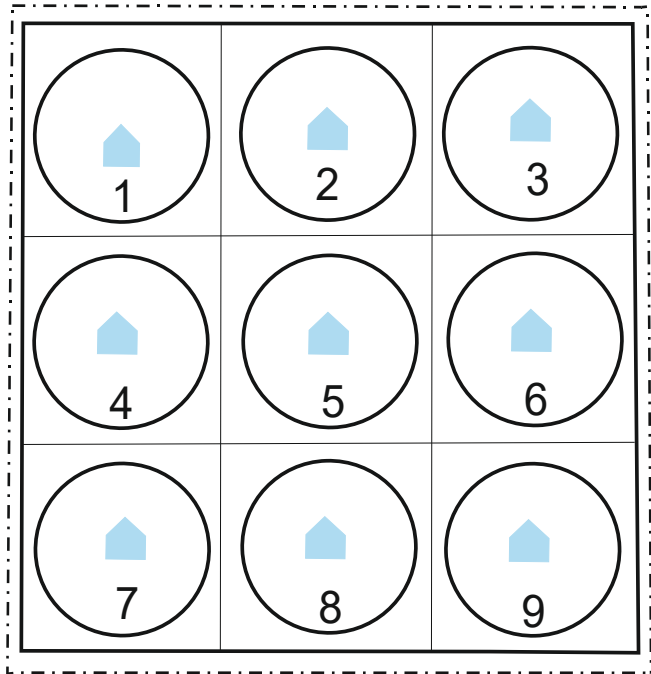
BH 45
PFA No.10
Map No.83

* P(1)E :302945
N :300851
* P(15)E :302857
N :300825

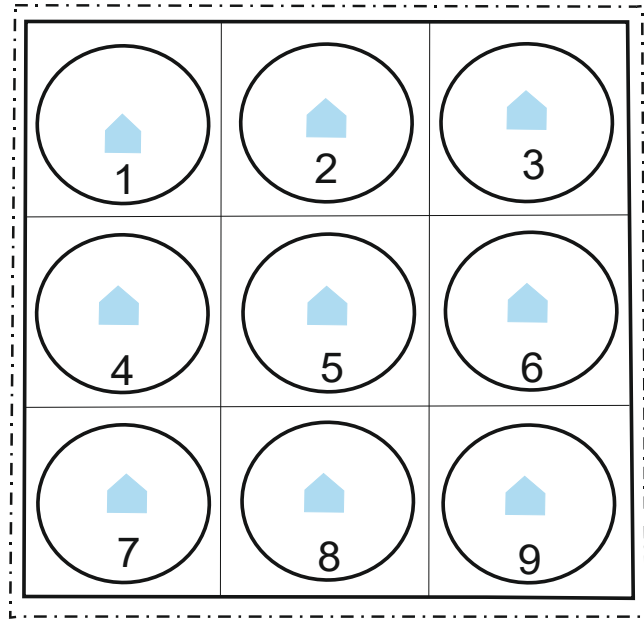


BH 45
PFA No.10
Map No.84

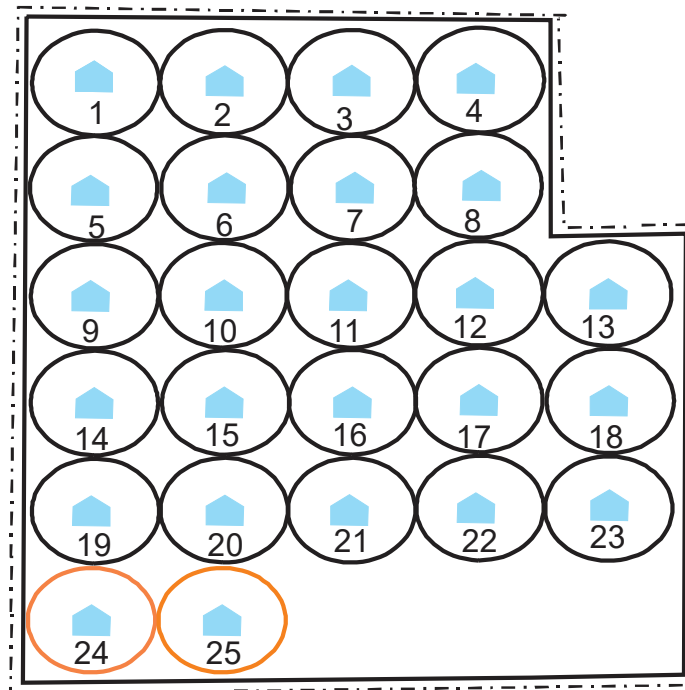
* P(1)E :302859
N :300633



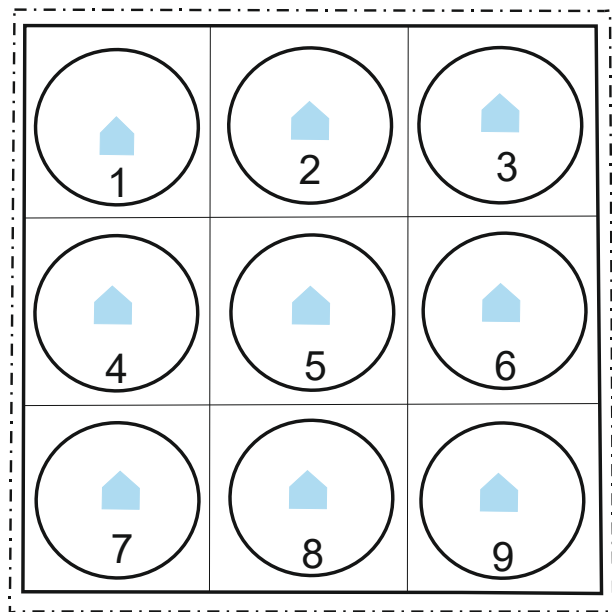
BH 45
PFA No.10
Map No.85



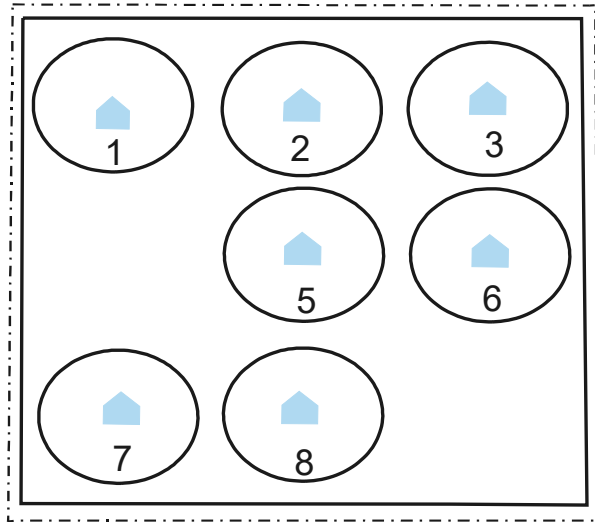
BH 45
PFA No.10
Map No.86



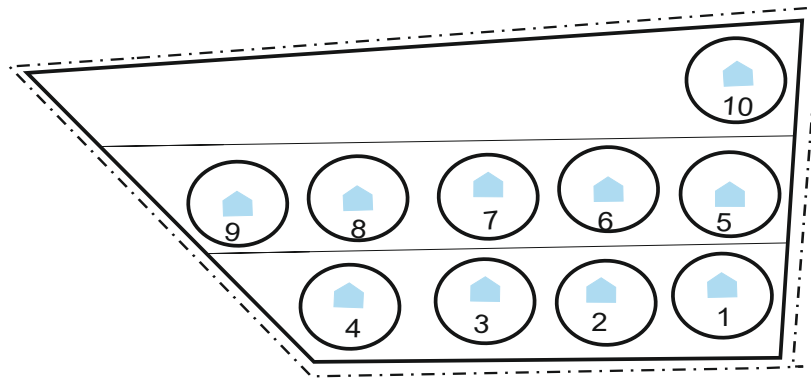
BH 45
PFA No.10
Map No.87



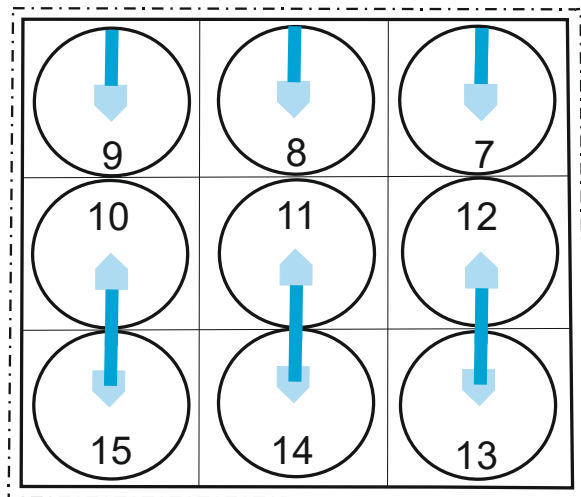
BH 45
PFA No.10
Map No.88



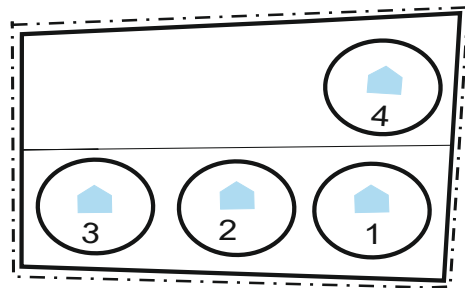
BH 45
PFA No.10
Map No.89



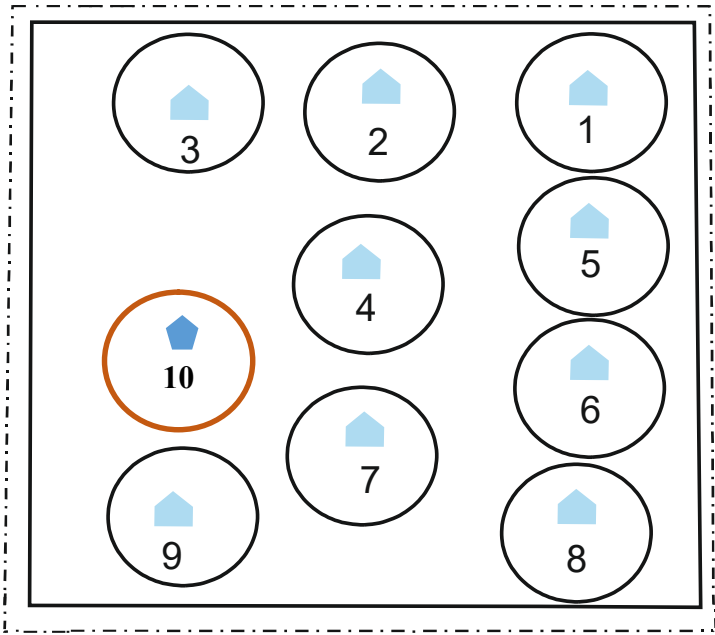
BH 45
PFA No.10
Map No.90



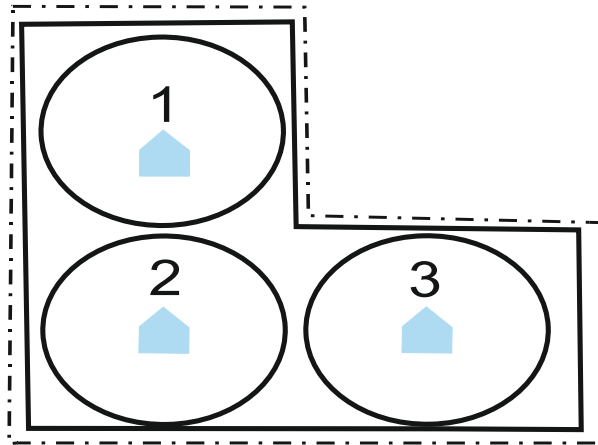
BH 45
PFA No.10
Map No.91



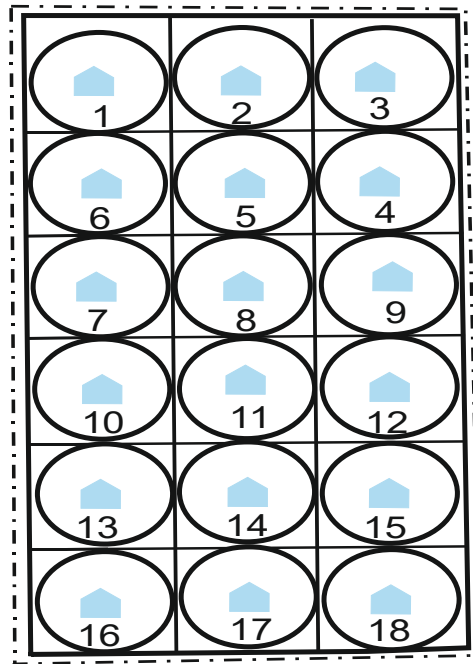
BH 45
PFA No.10
Map No.92



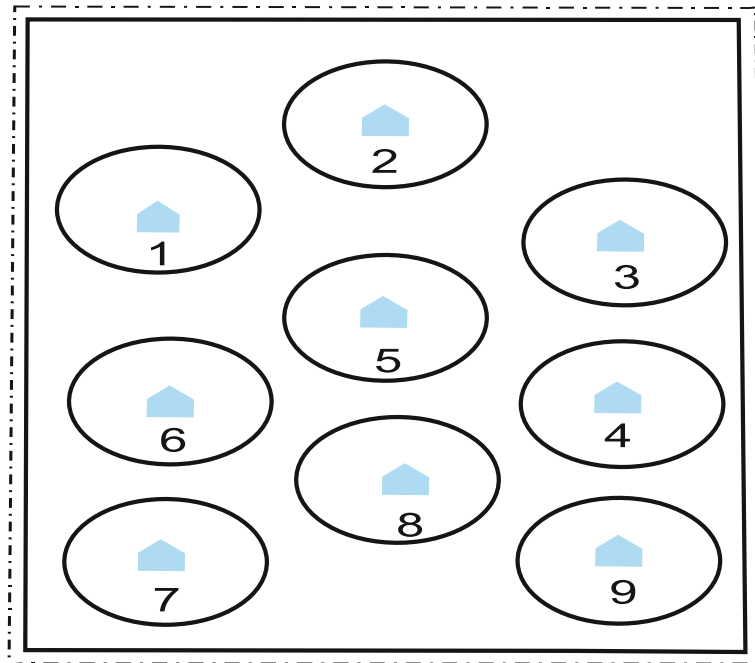
BH 45
PFA No.10
Map No.93



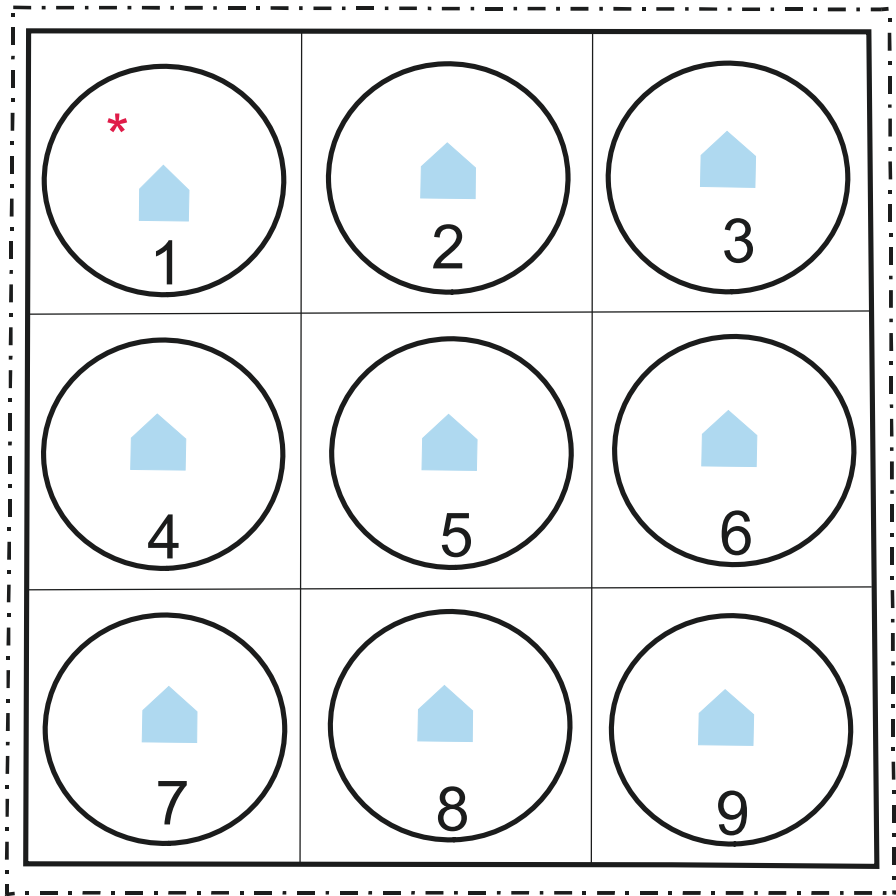
BH 45
PFA No.10
Map No.94



BH 45
PFA No.10
Map No.95

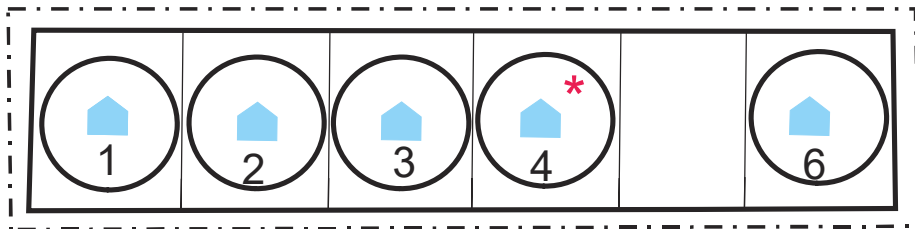


BH 45
PFA No.10
Map No.96



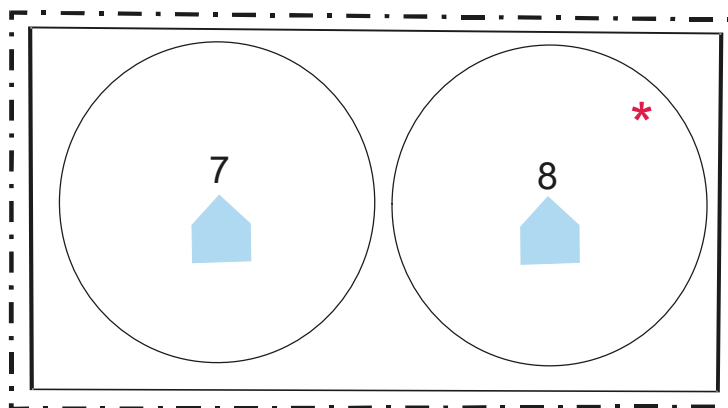
BH 45
PFA No.10
Map No.97

* P(1) E : 302738
N : 300534



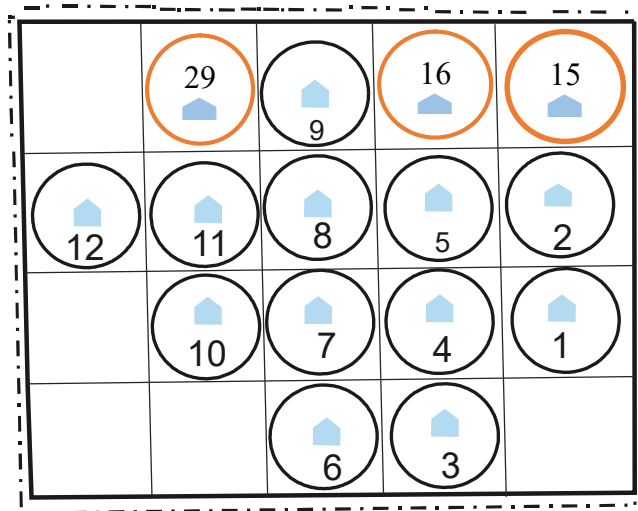
BH 45
PFA No.10
Map No.98

* P(4)E :301918
N :301248

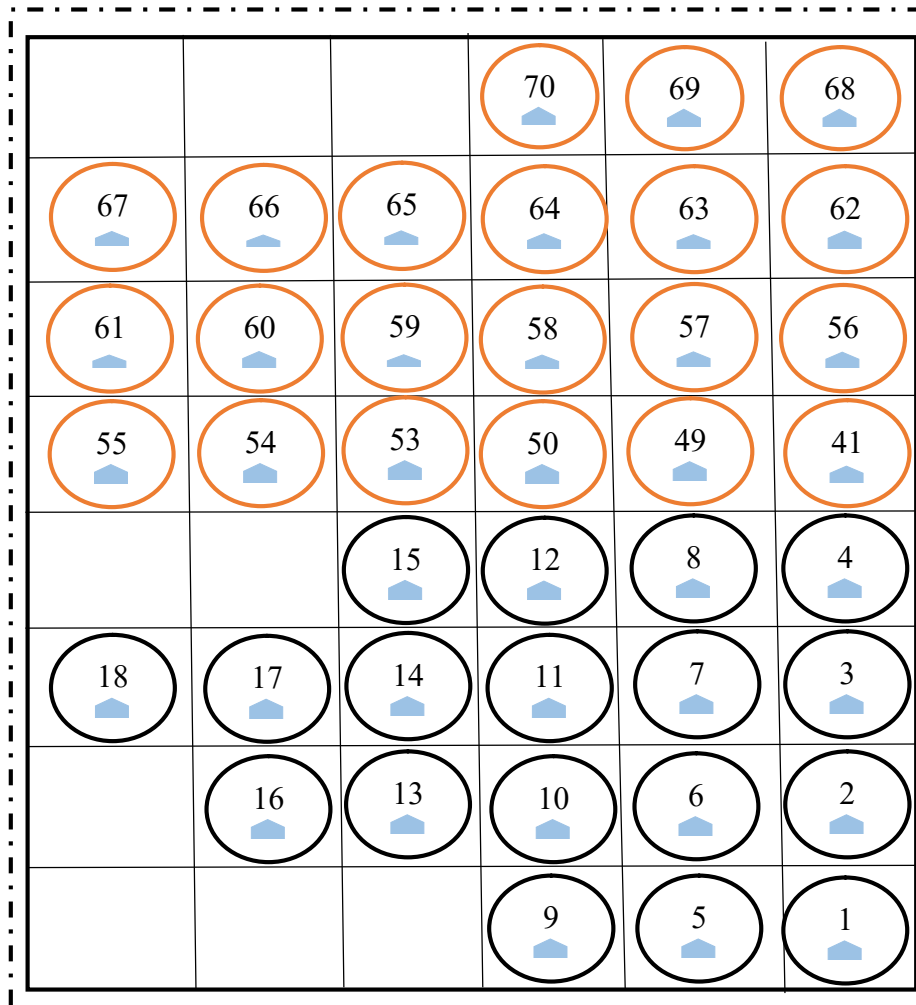


BH 45
PFA No.10
Map No.99

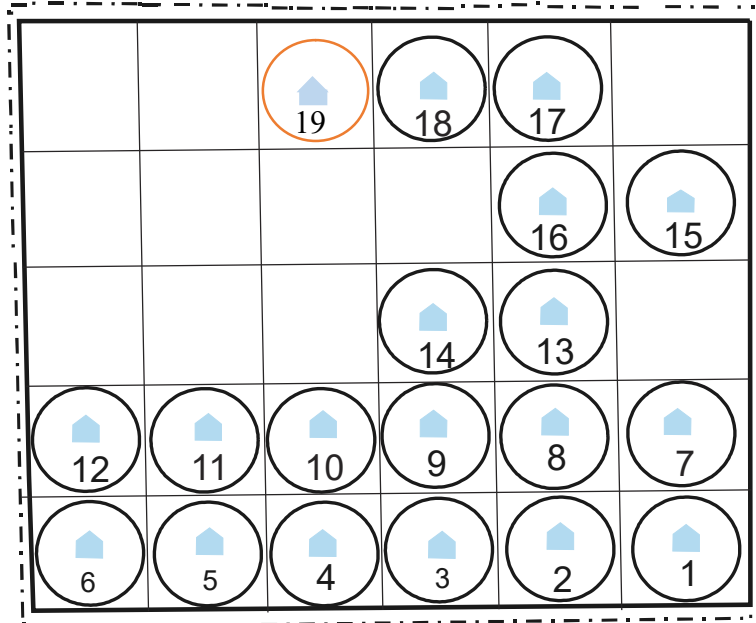
* P(1)E :303343
N :302497



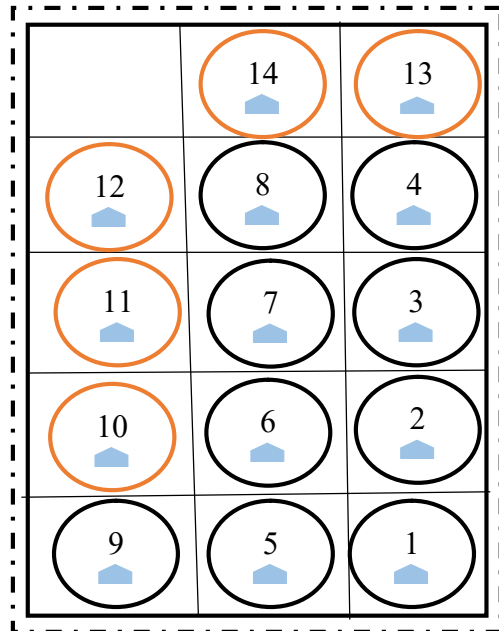
BH 45
PFA No.10
Map No.100



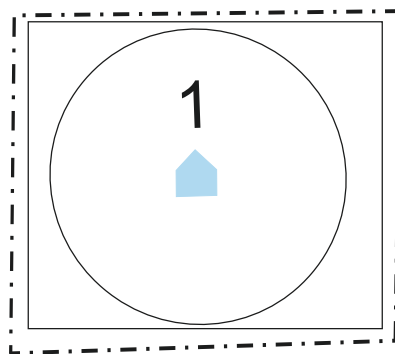
BH 45
PFA No.10
Map No.101



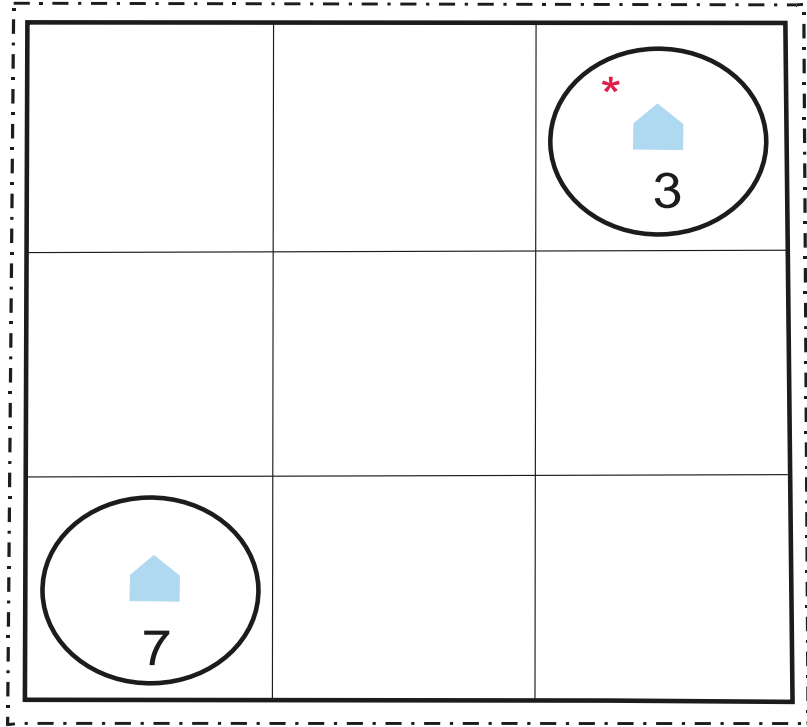
BH 45
PFA No.10
Map No.102



BH 45
PFA No.10
Map No.103

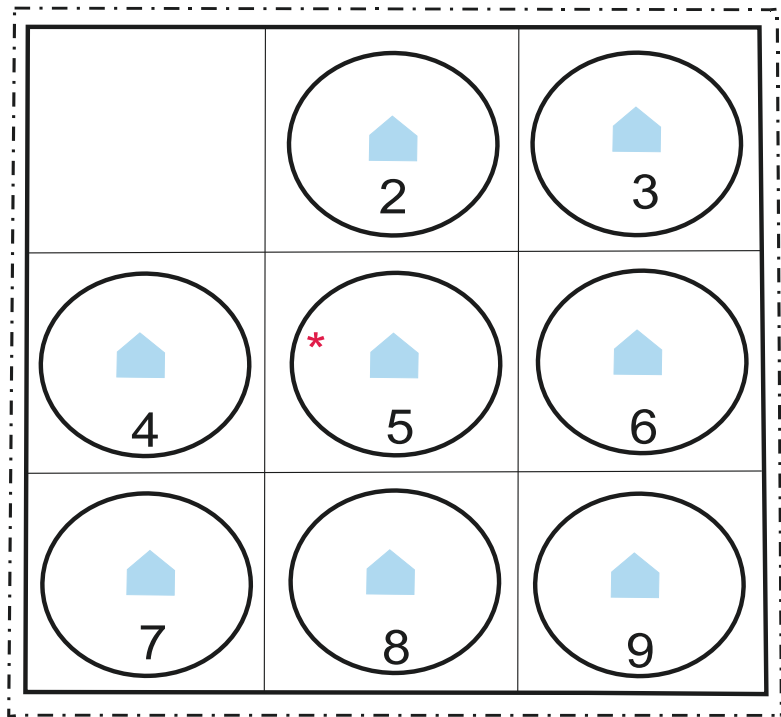


BH .45
PFA No.10
Map No.104



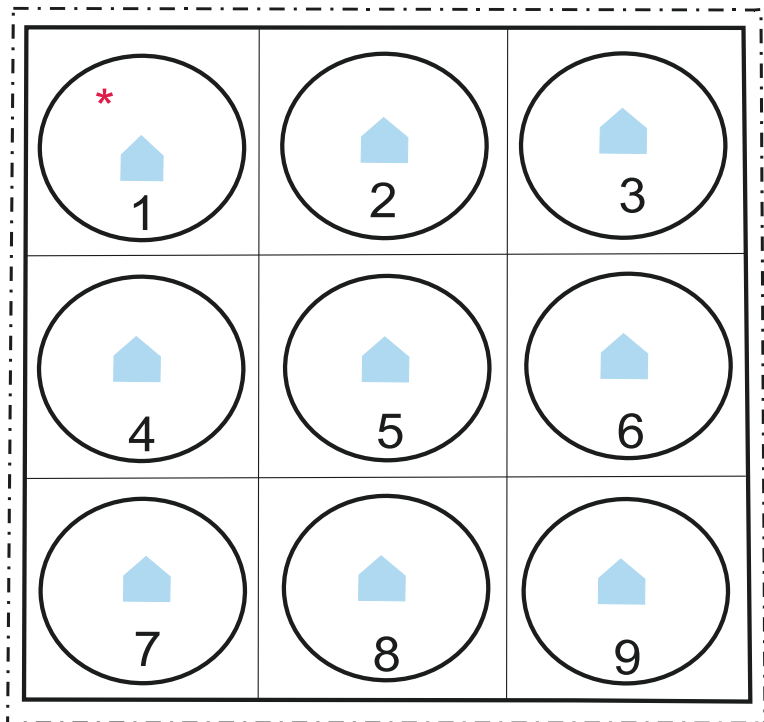
BH 45
PFA No.10
Map No.105

*P(3)E :3032167
N :3054124



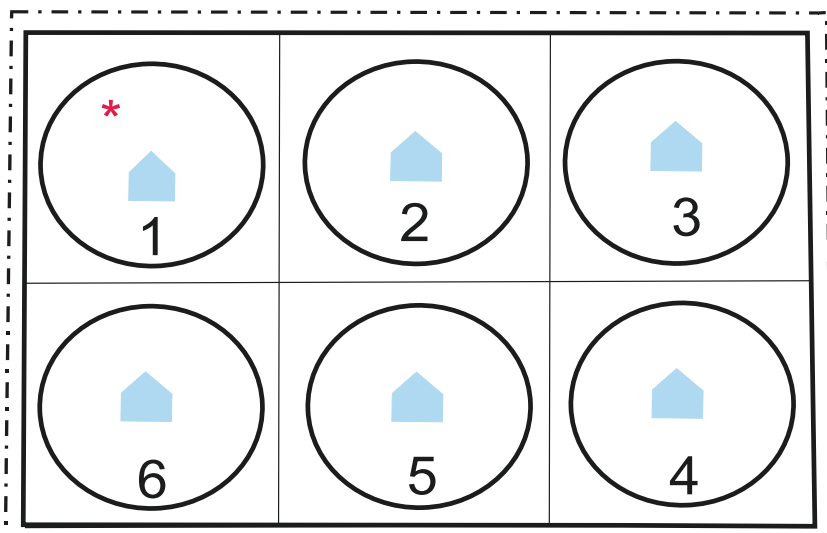
BH 45
PFA No.10
Map No.106

* P(5)E :302920
N :300353



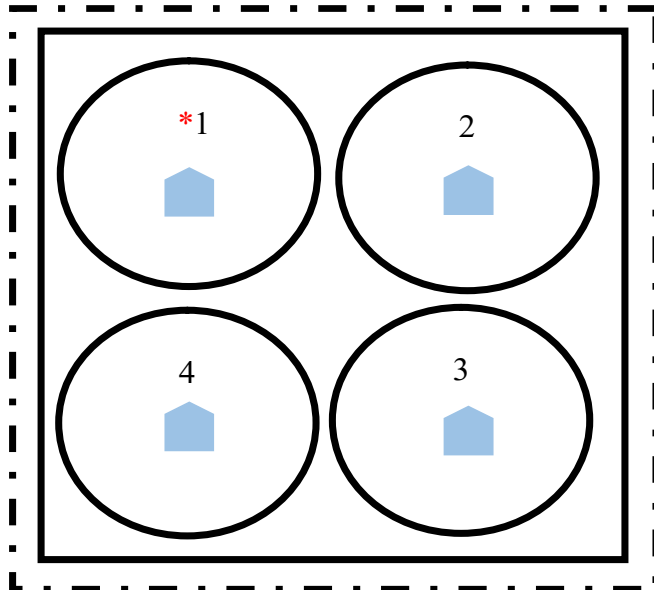
BH 45
PFA No.10
Map No.107

* P(1)E :303119
N :309231



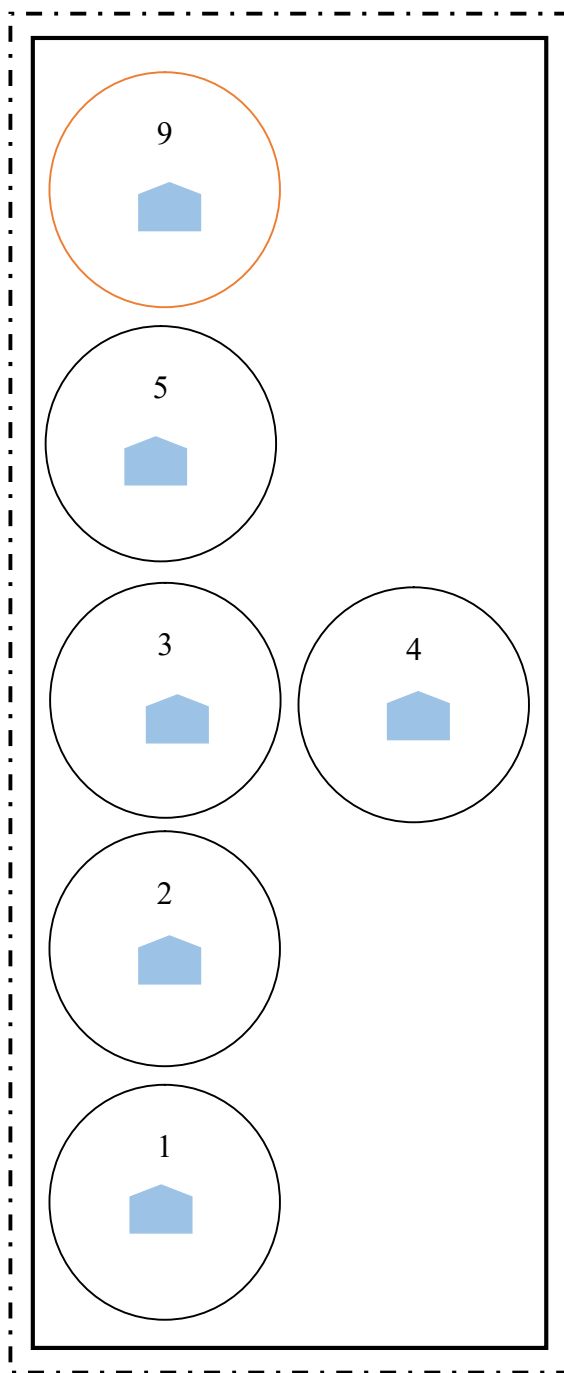
BH 45
PFA No.10
Map No.108

* P(1)E :302855
N :301011

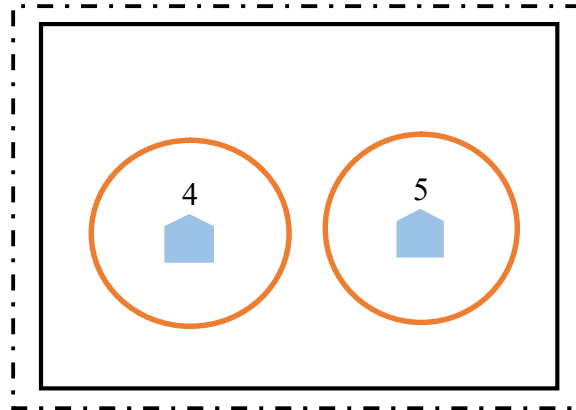


BH 45
PFA No. 10
Map No. 109

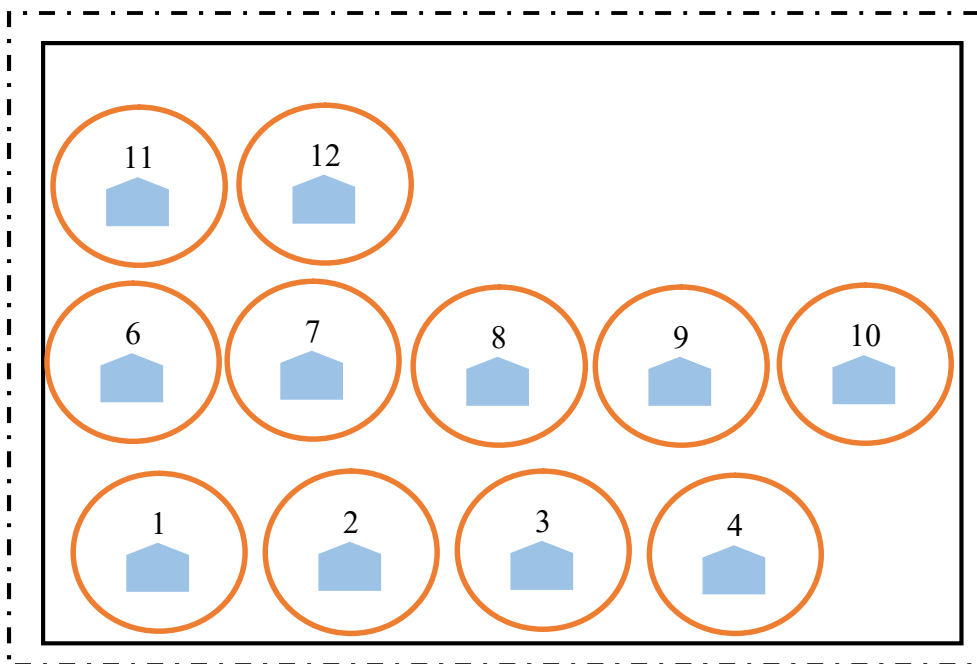
*P (1) E :302022
N :3015298



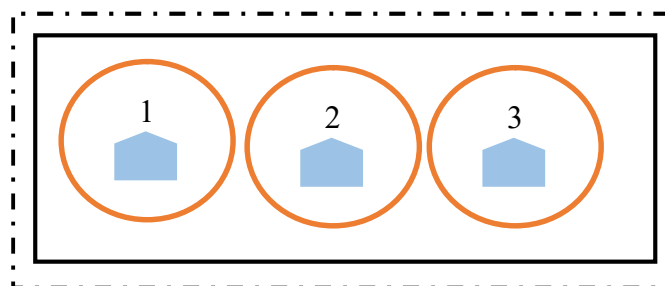
BH 45
PFA No. 10
Map No. 110



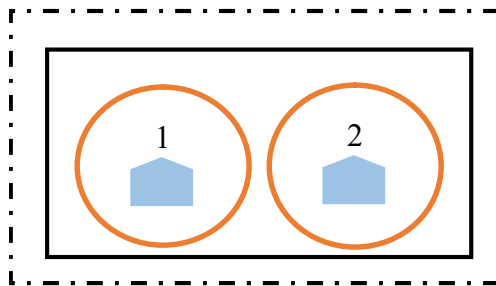
BH 45
PFA No. 10
Map No. 111



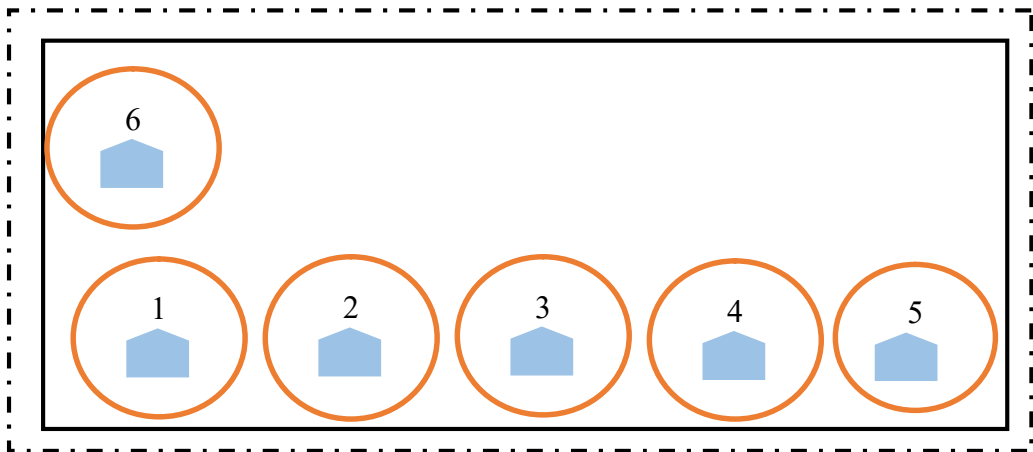
BH 45
PFA No. 10
Map No. 112



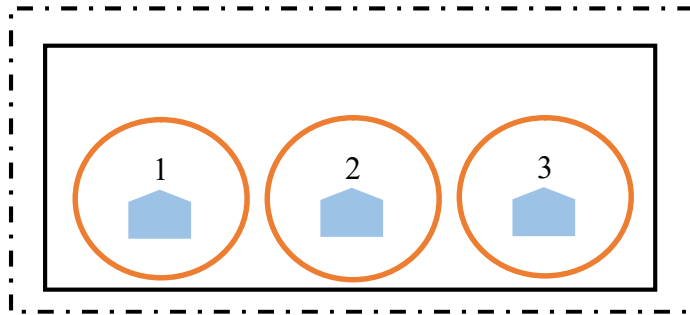
BH 45
PFA No. 10
Map No. 113



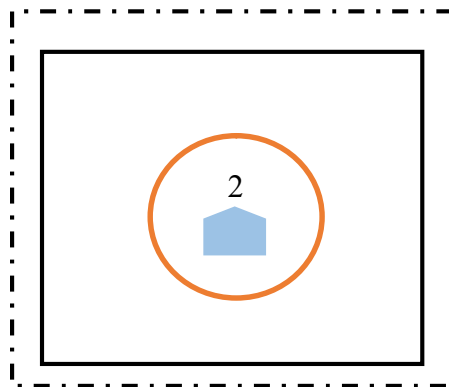
BH 45
PFA No. 10
Map No. 114



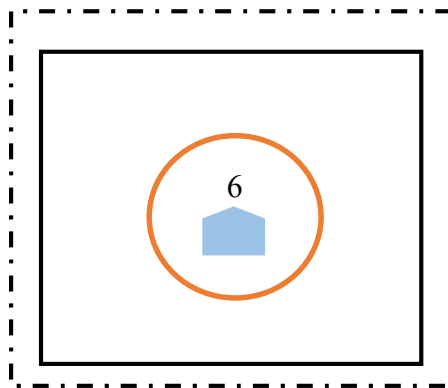
BH 45
PFA No. 10
Map No. 115



BH 45
PFA No. 10
Map No. 116



BH 45
PFA No. 10
Map No. 117



BH 45
PFA No. 10
Map No. 118

Pest Free Area Sheet
El-Beheira (BH) 45, PFA No.11

1. Name of PFA: Gharb El-Nubaria
2. No. of maps: 30
3. Boundaries:
 - North: PFA 12 & Desert area
 - South: PFA 14 & PFA 10
 - East: PFA 14
 - West: Desert area
4. Total pest free area (feddan): 69210
 - Total area proposed for potato: 20725
 - Total area proposed for export: 15725
5. Type of soil : Sandy
6. Irrigation system: Drip, Over Head Sprinkler and Pivot Irrigation System.
7. Source of water: El-Nasr Canal and wells
8. Rotation system

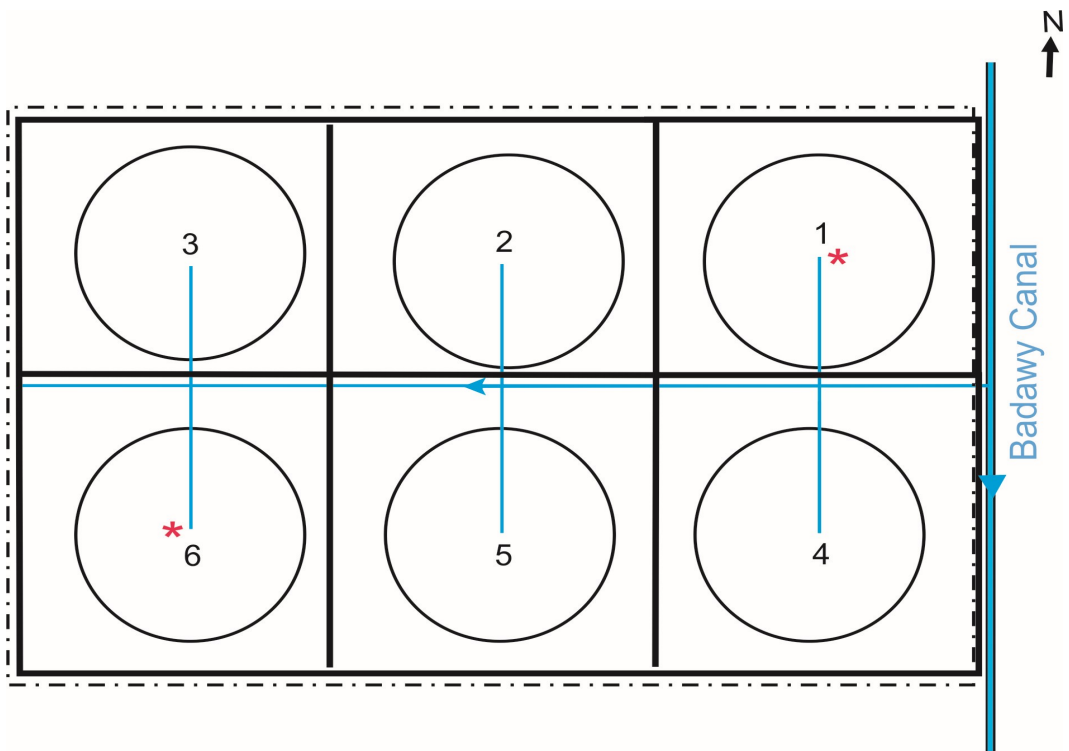
2016/2017	2017/2018	2018/2019
Summer season: Maize, Peanut	Peanut, Melon & Potato	Maize & others
Winter season: Wheat, Clover and Potato	Wheat, Beans & Potato	Potato & Vegetables
9. No. of basins (pivots) : 46 (161)
10. Code No. of infection inside PFA and date of discovery: No
11. Is infection present upstream when surface water is used:
12. Seed source: Seeds tested for brown rot Result : free
13. No. of water samples tested: 431 (free)
14. No. of weed samples tested: 2513 (free)
15. No. of potato samples visually inspected : 600 (free)
16. No. of basins (pivots) visually inspected: 5(45) (free)
17. No. of potato samples tested by IF for export : 972 (free)
18. No. of growers : 24
19. General remarks:

Codes No. of El- Beheira (BH) 45, PFA No.11 (Gharb El-Nubarria)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 2											
45	11	02	(01>06)	Koben Hagen farm							
Map 4											
45	11	04	(02 >03)	El-Hana farm							
Map 5											
45	11	05	(03>06, 08>11, 13>17, 19>23)	El-Shrouk farm			03,04,05,09,10, 11,13,14,15,16, 17,19,21,22,23	03,04,05, 06,08,09, 10,13,14, 15,16,17, 19,21,22, 23	234	383	
Map 7											
45	11	07	(02>10)	El-Khear farm				05,06,07, 08		202	
Map 8											
45	11	08	(01),02,03, (04>09),10,11, 13,14,(15>38), 39,(40),(42>44), (46),47,(48),49, 50,(51>54),55, (56),(57),58>64, (65>68), 69,(70)	6 October farm			06,07,12,19,30, 31,33,37,47,52, 53,64	09,10,19, 24,25,30, 31,35,36, 52,53,60	487	227	
Map9											
45	11	09	(01>02,04>06), 07	El Alameia farm			05,06	02,05,07	10	22	
Map12											
45	11	12	07>08 11>24	Nubacid farm			14,17,19	18	6	5	
Map22											
45	11	22	(01>09), 10	El-Rashad (1) farm			02,03		75		
Map25											
45	11	25	(01)	Awad yahya							
Map32											
45	11	32	(01>08)	EL Teriak				04		19	
Map33											
45	11	33	(01), 02	El-Hader 2			01, 02	01	8	7	
Map34											
45	11	34	01>02	El-Amira							

Codes No. of EI- Beheira (BH) 45, PFA No.11 (Gharb EI-Nubarria)

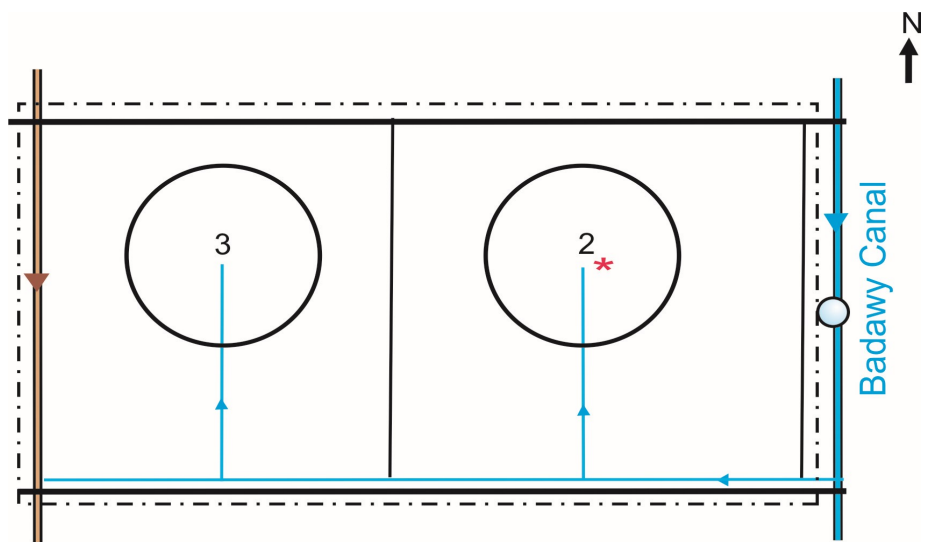
Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 35											
45	11	35	01>02	Gouda							
Map 36											
45	11	36	01	Fryda							
Map 37											
45	11	37	(01,02,05>15,19, 23>26)	El-Nile							
Map 38											
45	11	38	(01>04)	El Rshad2							
Map 39											
45	11	39	(01>09)	El Rshad3							
Map 40											
45	11	40	01	Derar 2							
Map 41											
45	11	41	(01)	Derar 3							
Map 42											
45	11	42	(01)	El-Gmal 1							
Map 43											
45	11	43	(01)	El-Nasr 1							
Map 44											
45	11	44	(01)	El-Nasr 2							
Map 45											
45	11	45	(01),02	El-Gmal 2				01,02			10
Map 46											
45	11	46	01	El- Romisaa							
Map 47											
45	11	47	01	Derar4							
Map 48											
45	11	48	(01)	El Shwayel			01		9		
Map 50											
45	11	50	(01)	Elgamila				01		4	
Map 51											
45	11	51	(02,03,05>07,10, 12>13,17>22)	Nuts Land			05,13, 18,20, 22	02,03, 06,13, 18,19 20,21, 22	17	93	
Map 52											
45	11	52	(01)	Amber							



BH 45
PFA No.11
Map No.2

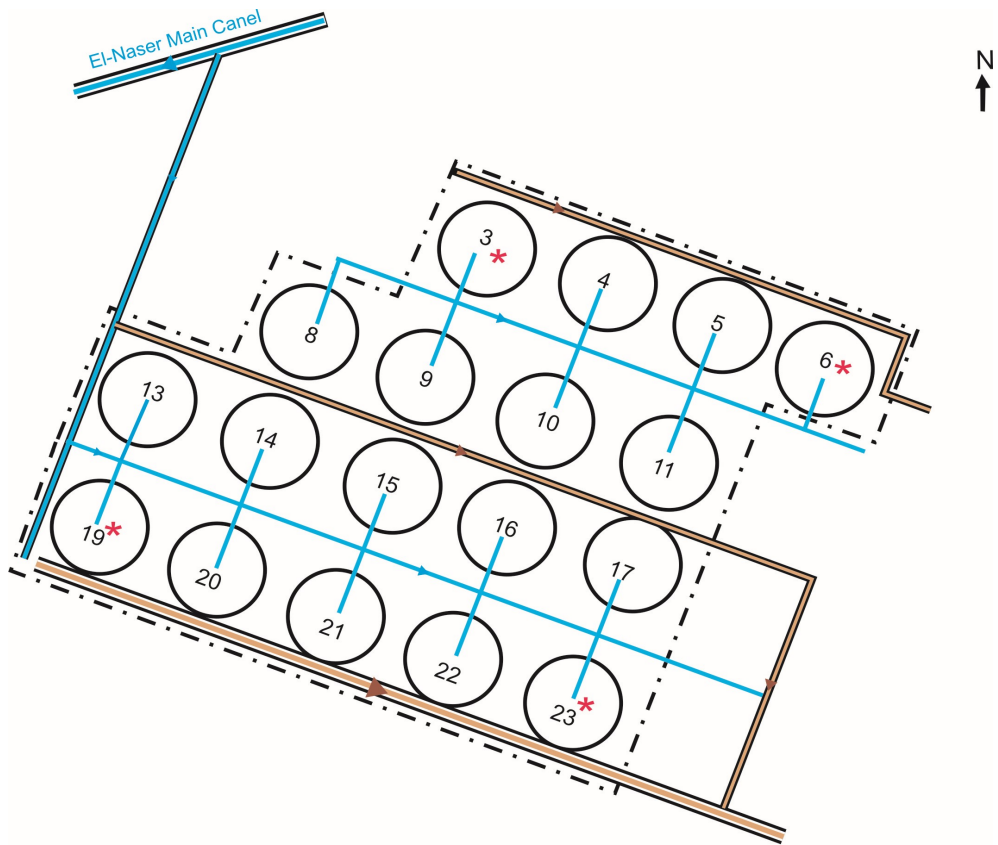
*P(1) X : 3040199
Y : 3001657

*P(6) X : 3039564
Y : 3001625



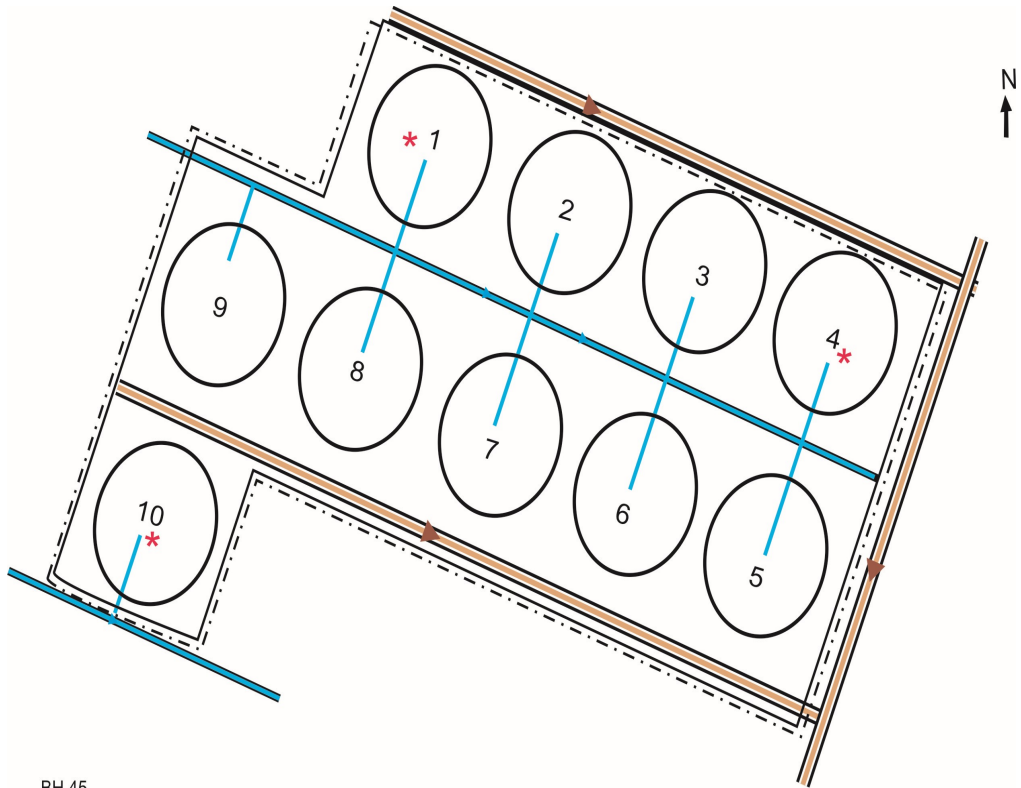
BH 45
PFA No.11
Map No.4

* X : 3037732
Y : 3004248

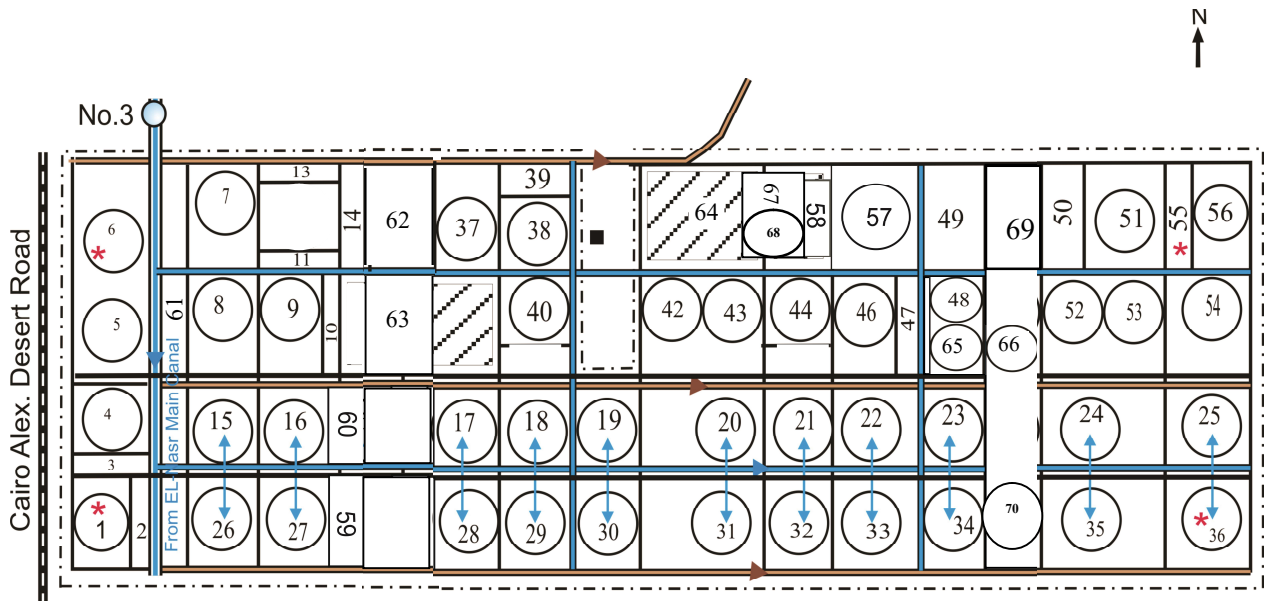


BH45
PFA No.11
Map No.5

* P(3) X:3041640 Y:2958633	* P(6) X:3040377 Y:2959699
* P(19) X:3041269 Y:2956527	* P(23) X:3039733 Y:2958148

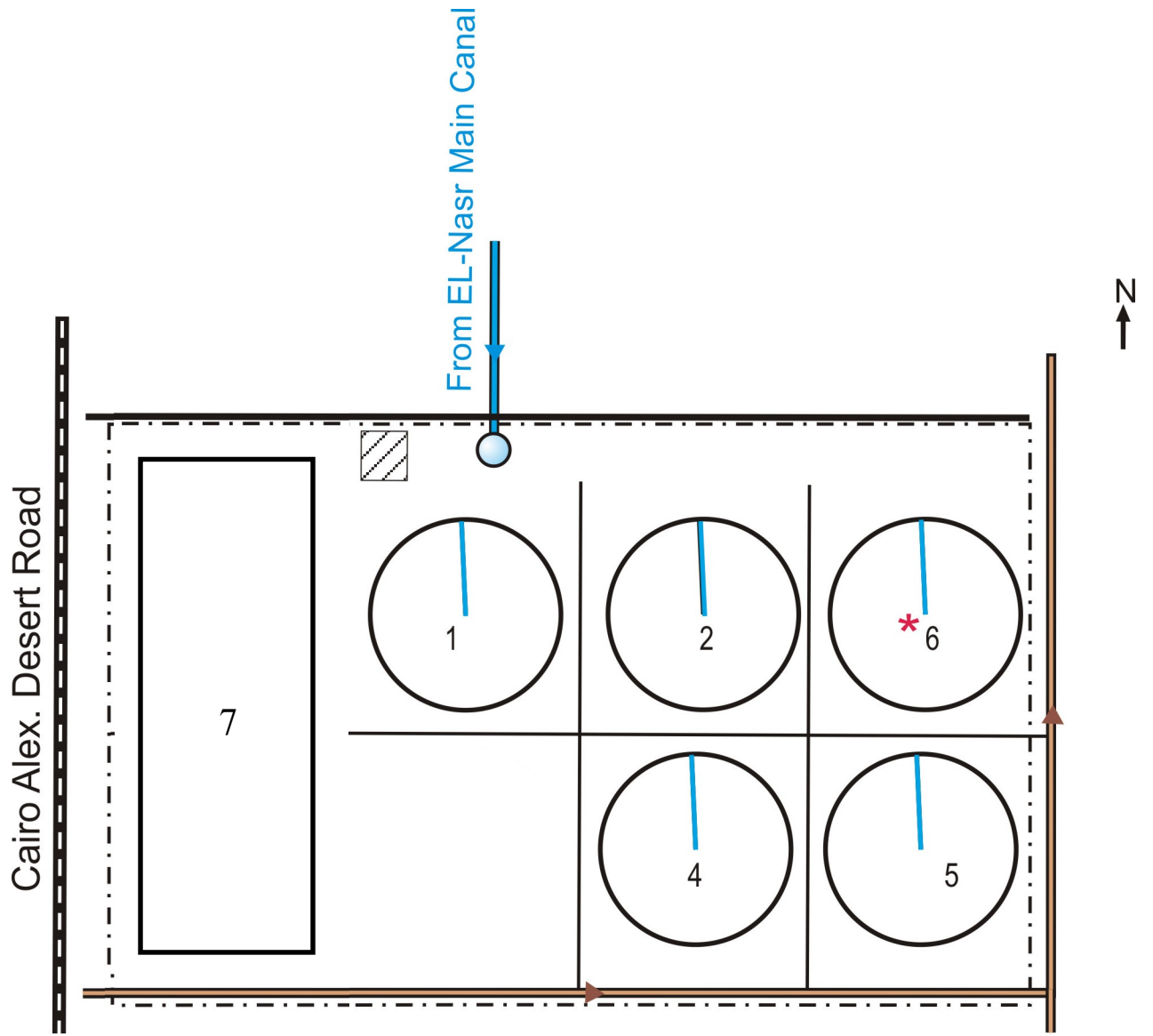


BH 45
PFA No.11
Map No.7



BH 45
 PFA No.11
 Map No.8

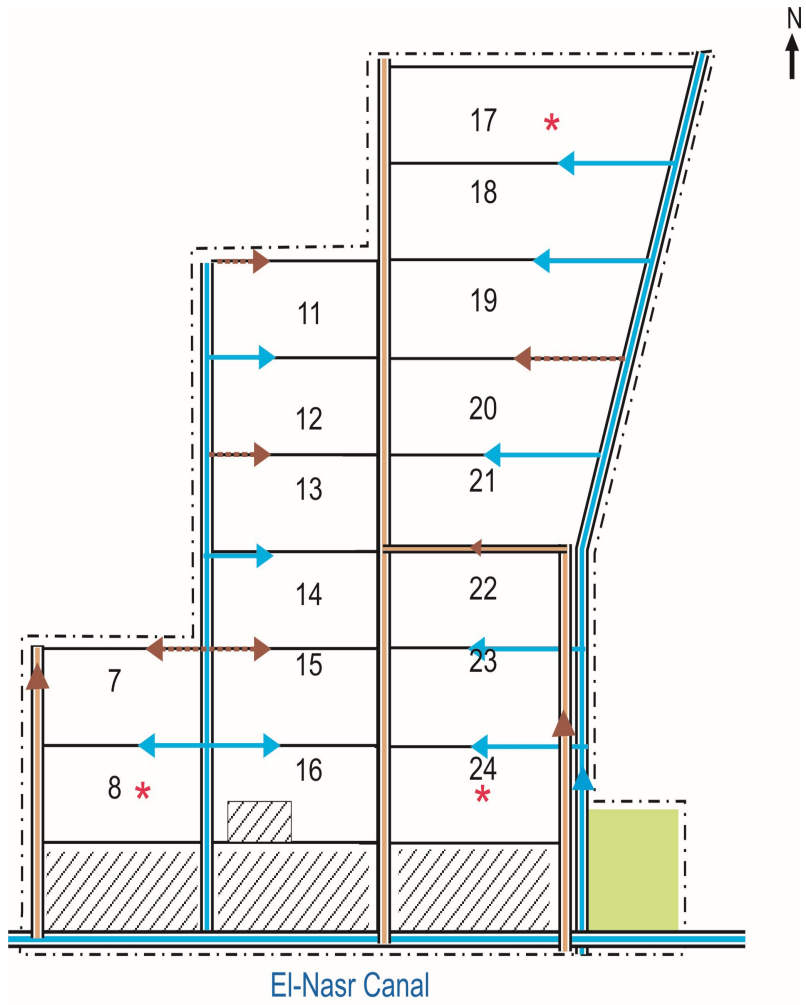
- *P(6) X : 3037945
 Y : 3007655
- *P(1) X : 3037326
 Y : 3008406
- *B(55) X : 3041973
 Y : 3012296
- *P(36) X : 3041501
 Y : 3013238



BH 45
 PFA No.11
 Map No.9

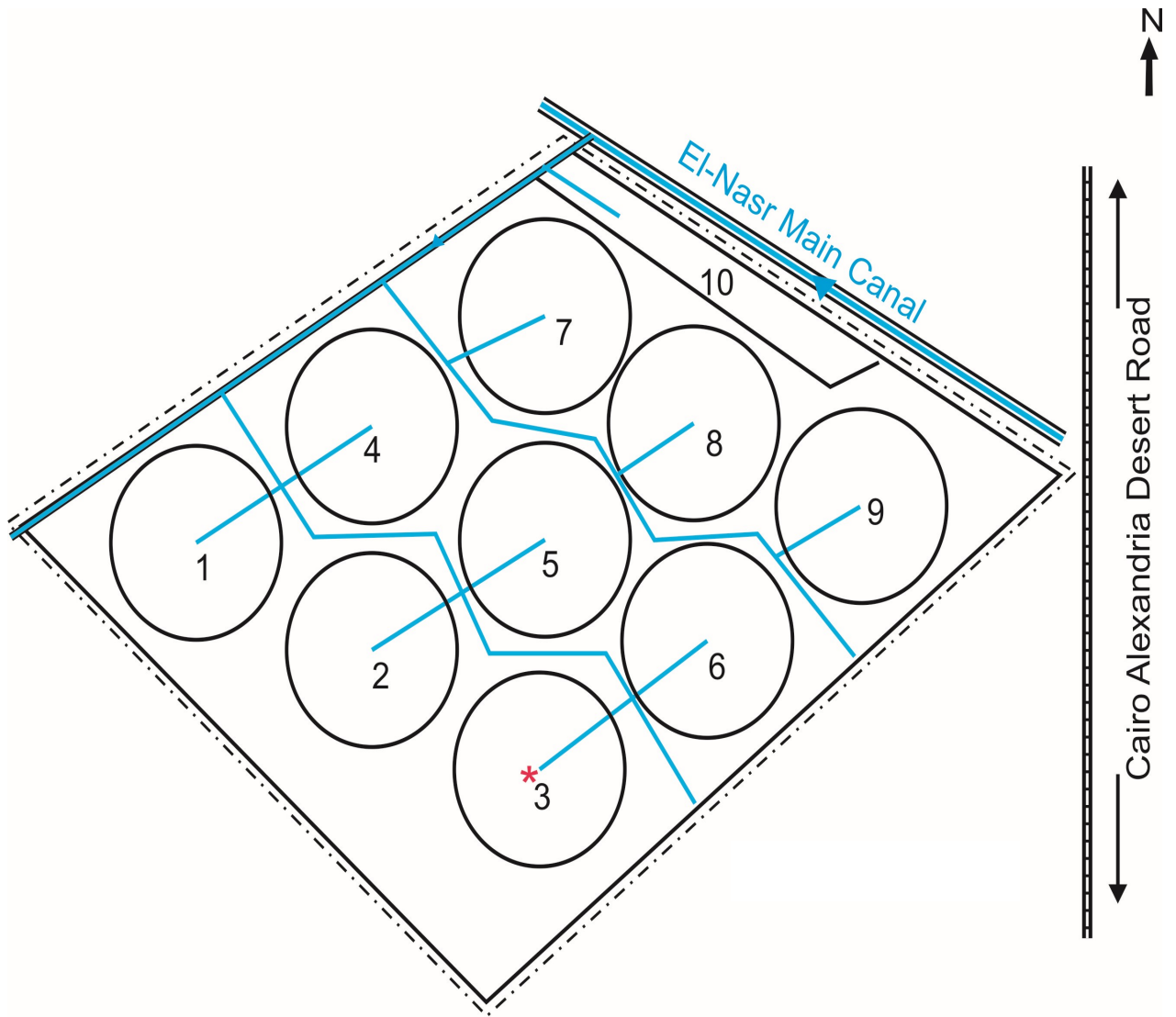
*P(3) X : 3036398
 Y : 3009524

*P(6) X : 3037202
 Y : 3010117



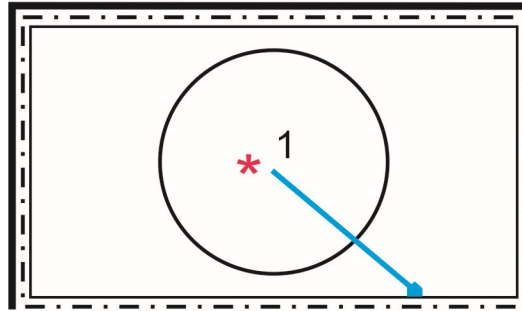
BH 45
PFA No.11
Map No.12

*B(8) X : 3407619 *B(17) X : 3411041
 Y : 3796123 Y : 3795750
 *B(24) X : 3409218
 Y : 3797379



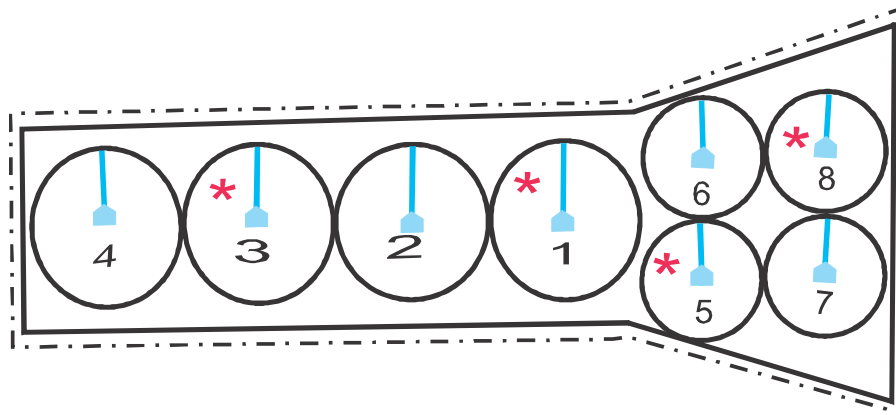
BH 45
PFA No.11
Map No.22

*B(3) X : 3037326
Y : 3008406



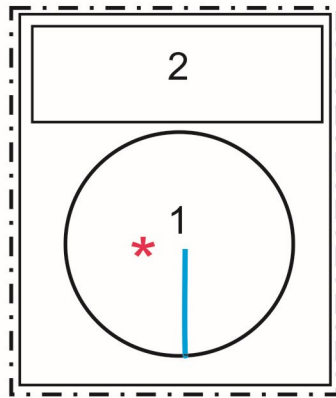
BH 45
PFA No.11
Map No.25

*X:3034499
Y:3008370



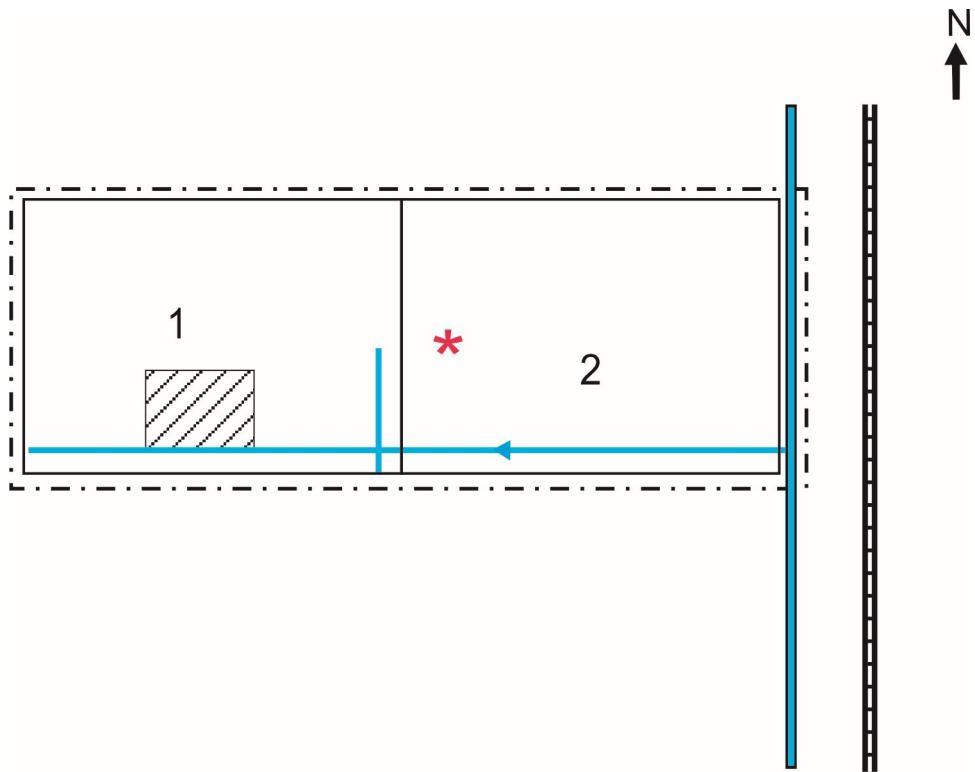
BH 45
PFA No.11
Map No.32

- * P(1)E : 220035
N : 3404559
- * P(3)E : 217727
N : 3406015
- * P(5)E : 220466
N : 3404392
- * P(8)E : 220460
N : 3404370



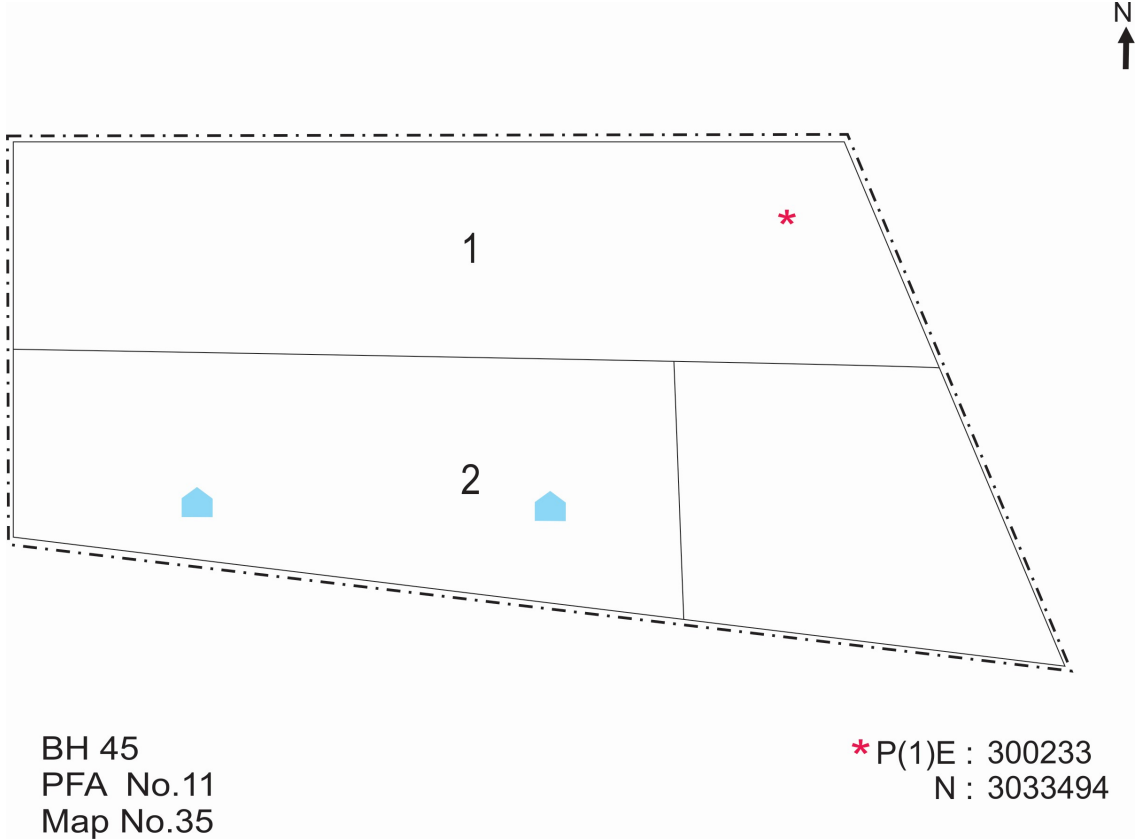
BH 45
PFA No.11
Map No.33

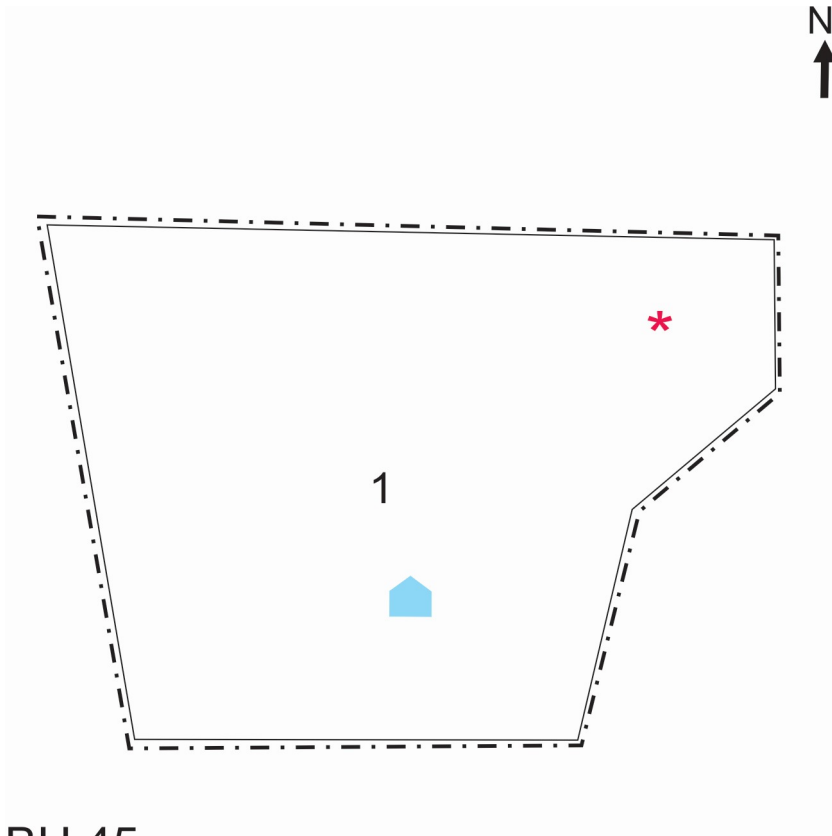
*E:226913
N:3378679



BH 45
PFA No.11
Map No.34

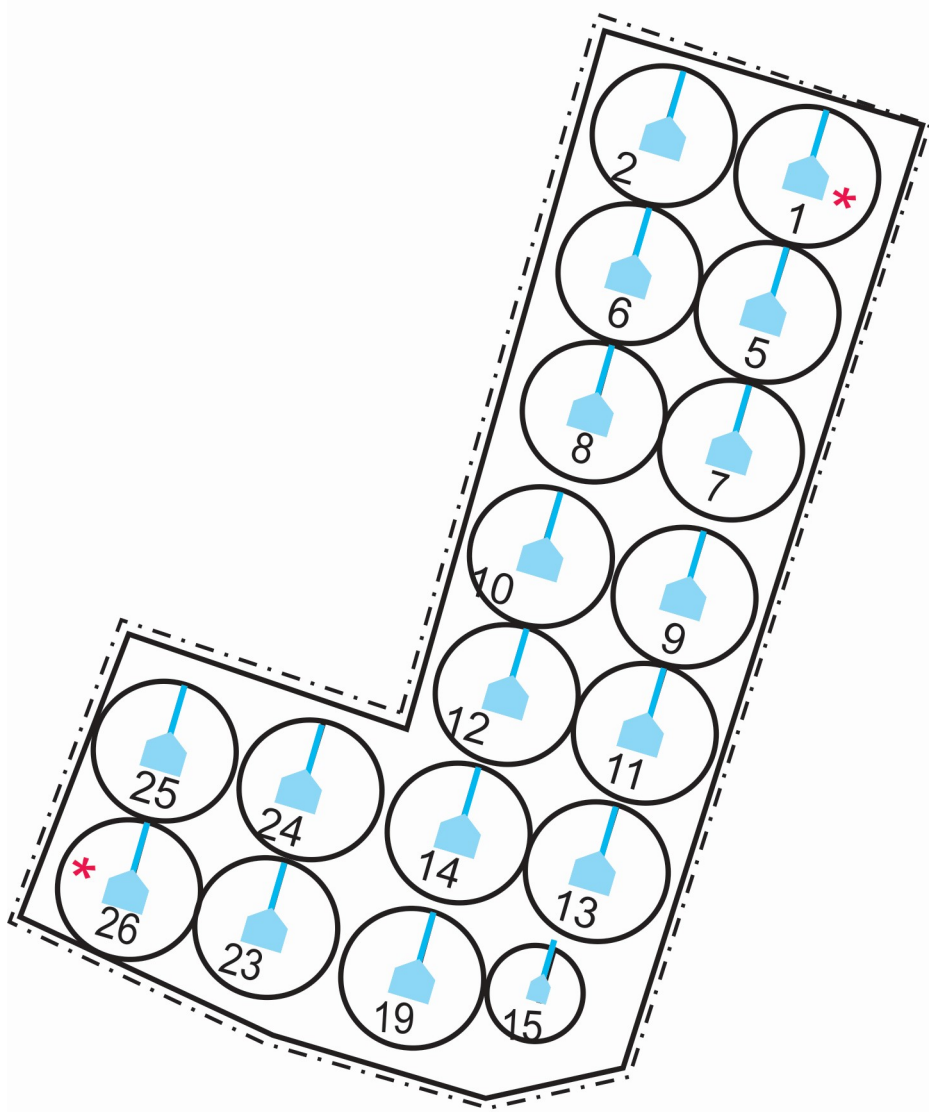
* X : 3033296
Y : 3011249





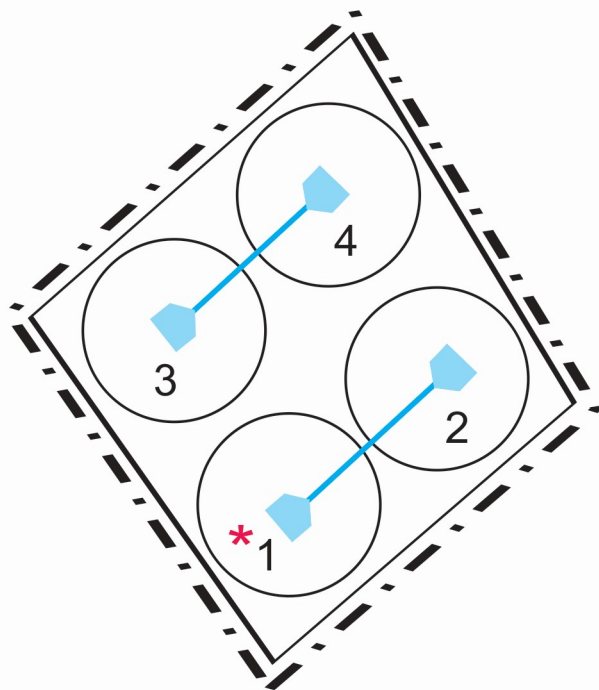
BH 45
PFA No.11
Map No.36

* **B(1) E : 300232**
N : 3033511



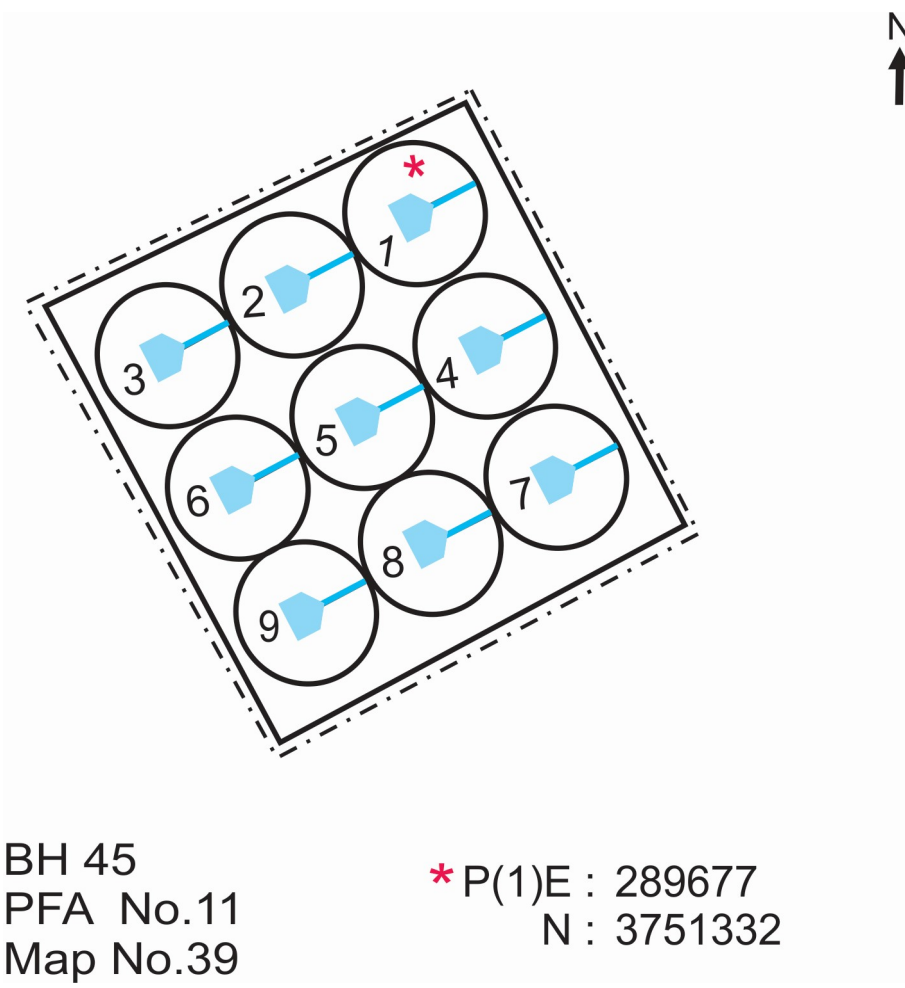
BH 45
PFA No.11
Map No.37

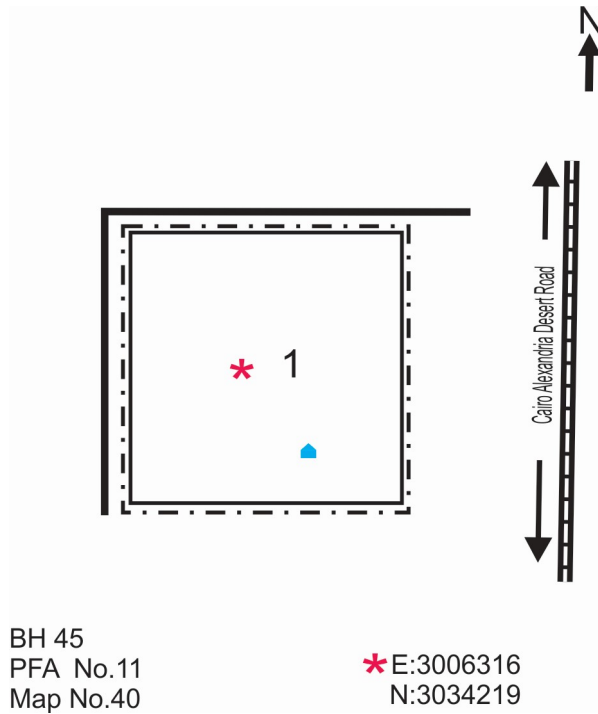
* P(1)E : 229657
N : 3341333

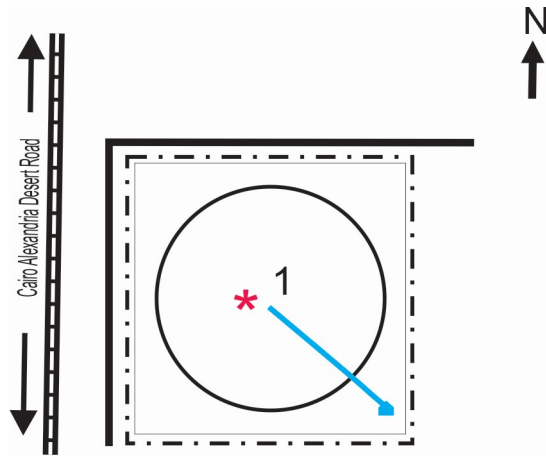


BH 45
PFA No.11
Map No.38

* P(1)E : 290687
N : 3442452

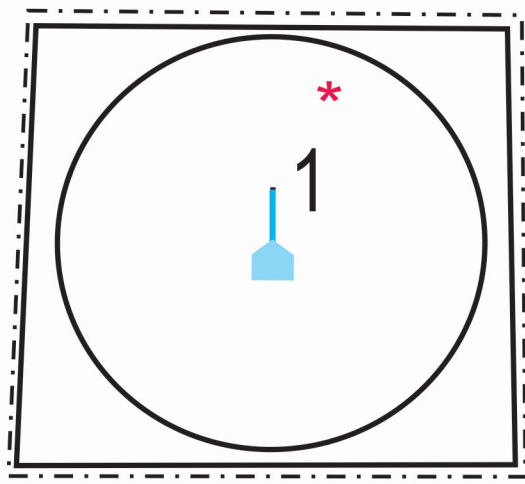






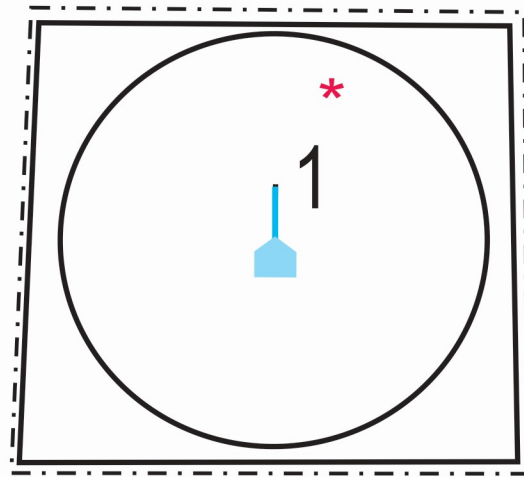
BH 45
PFA No.11
Map No.41

*E:3003542
N:302048



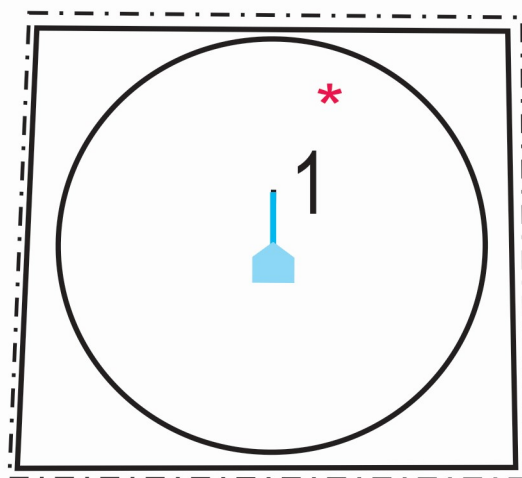
BH 45
PFA No.11
Map No.42

* P(1)E : 228530
N : 3314320



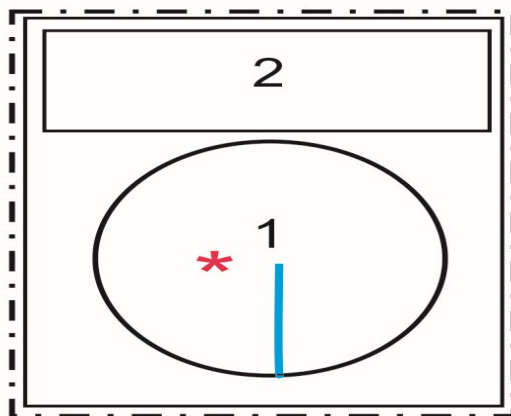
BH 45
PFA No.11
Map No.43

* P(1)E : 229220
N : 3315420



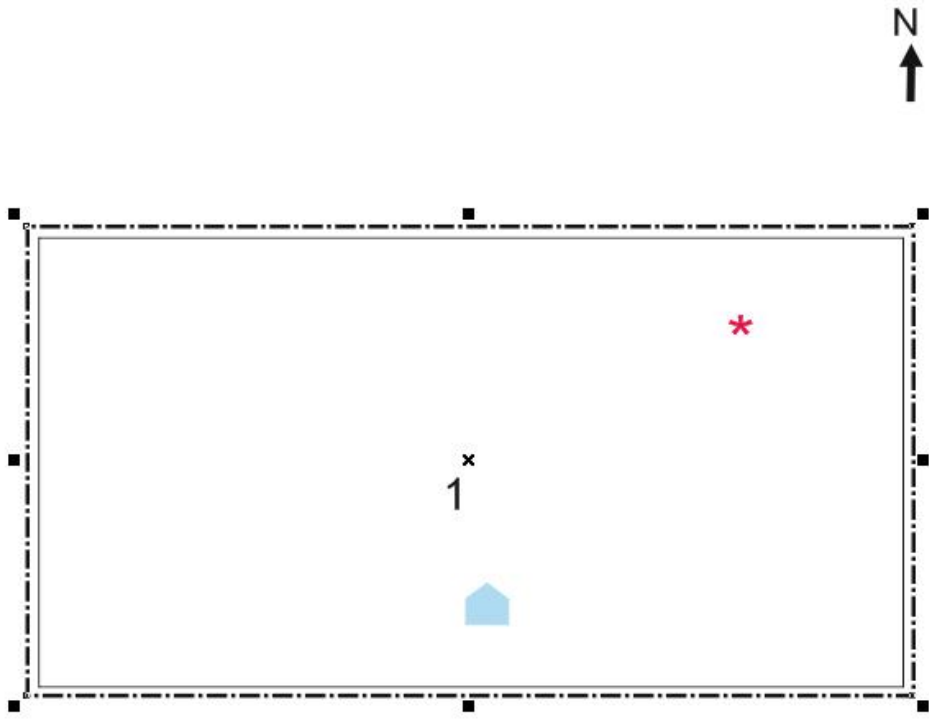
BH 45
PFA No.11
Map No.44

* P(1)E : 233150
N : 3415380



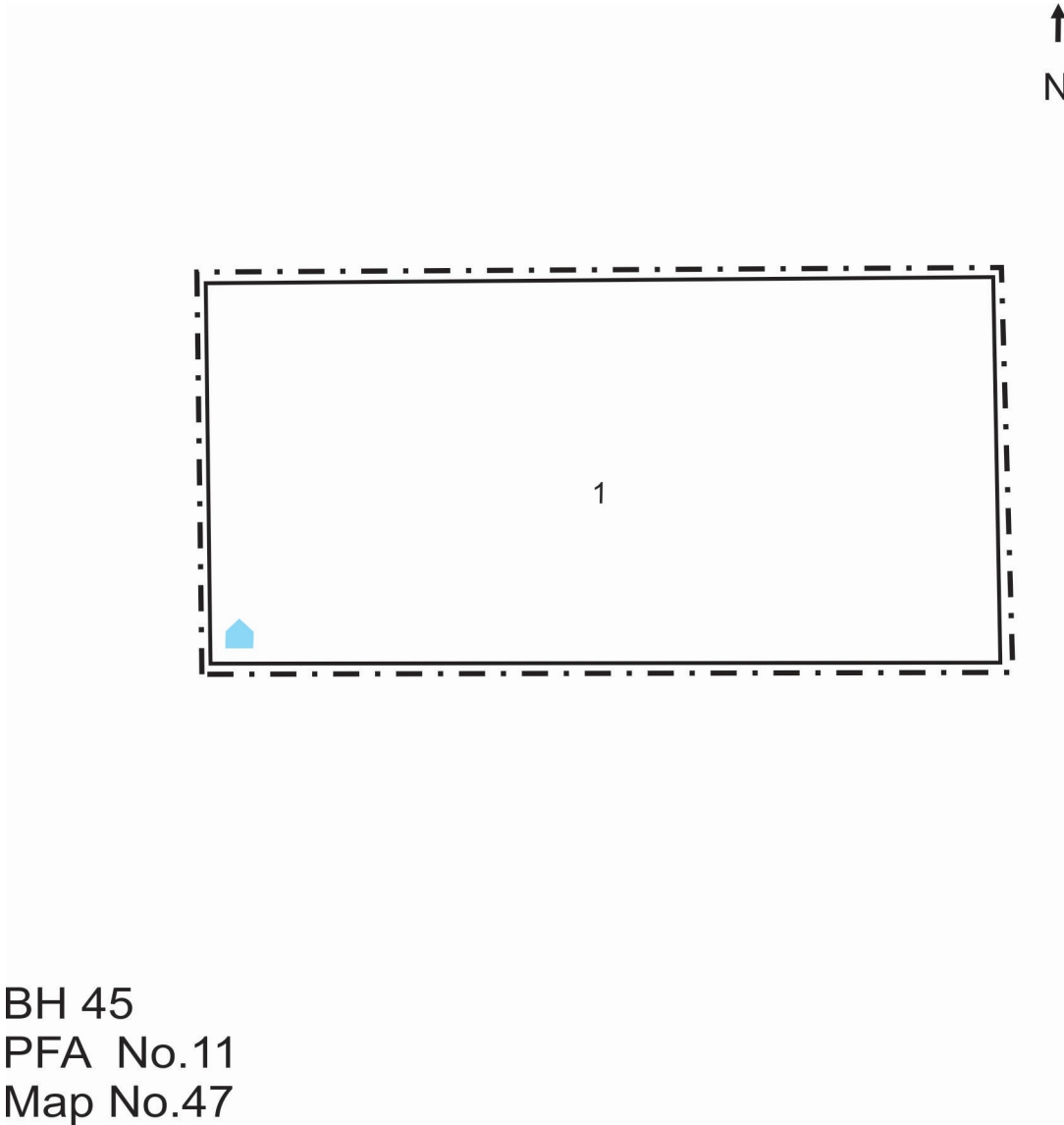
BH 45
PFA No.11
Map No.45

* P(1)E : 223566
N : 3456680

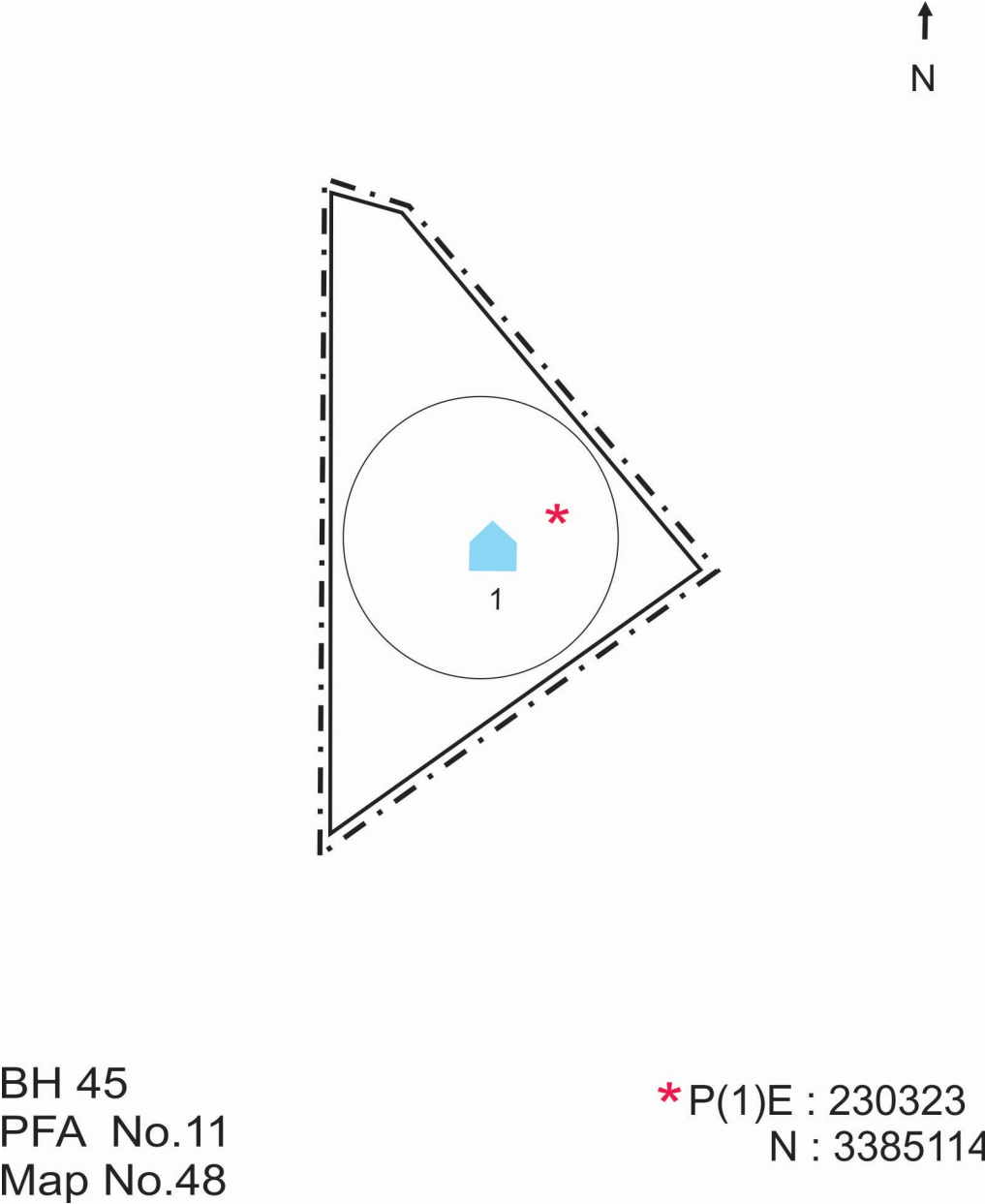


BH 45
PFA No.11
Map No.46

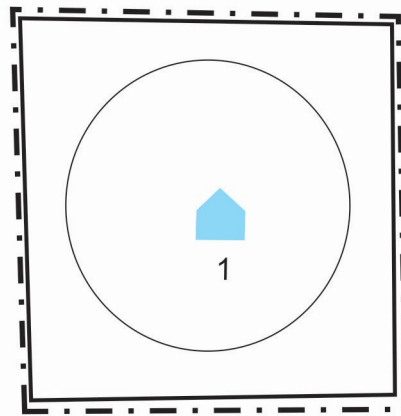
* B(1)E : 223566
N : 3456680



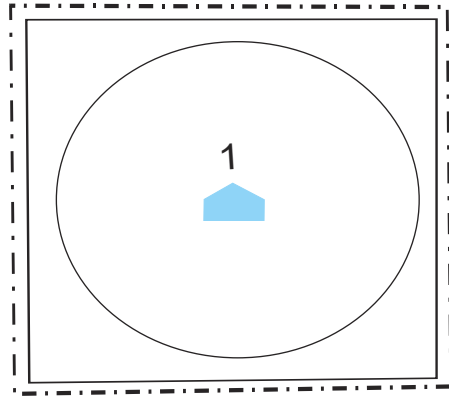
BH 45
PFA No.11
Map No.47



↑
N



BH 45
PFA No.11
Map No.50



BH 45
PFA No.11
Map No.52

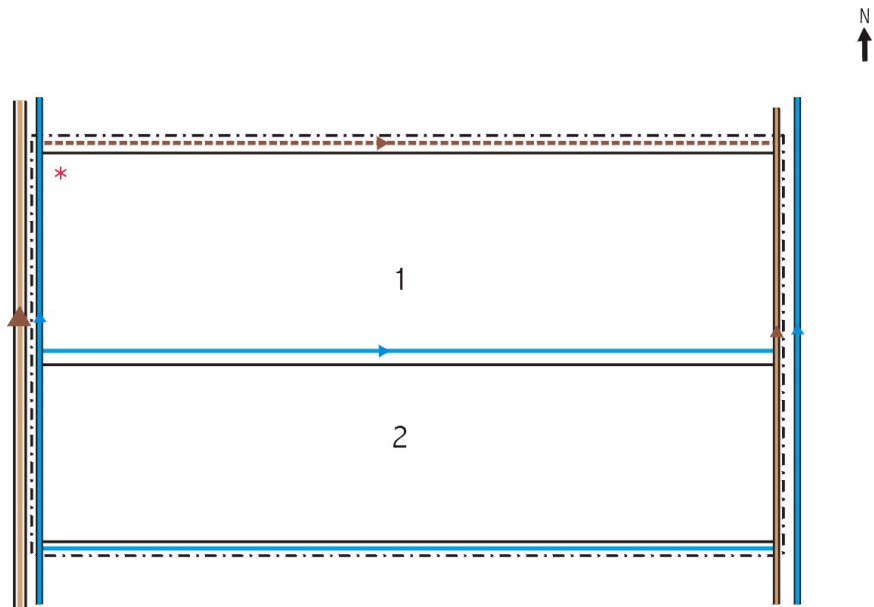
Pest Free Area Sheet
El-Beheira (BH) 45, PFA No.12

1. Name of PFA: Shamal El-Tahrir
2. No. of maps: 4
3. Boundaries:
 - North: Alexandria Governorate
 - South: El-Gharbia Governorate
 - East : El-Dakahlia Governorate
 - West : Alexandria Governorate
4. Total pest free area (feddan): 640
 - Total area proposed for potato: 340
 - Total area proposed for export: 340
5. Type of soil : Sandy
6. Irrigation system: Drip Irrigation System.
7. Source of water: El-Horia Canal
8. Rotation system

2016/2017	2017/2018	2018/2019
Summer season: Maize, Sweet Melon	Maize, Melon	Maize,potato ,others
Winter season: Wheat, Clover and Potato	Wheat, Beans	& Vegetables
9. No. of basins: 6
10. Code No. of infection inside PFA and date of discovery: None
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested: 10 (free)
14. No. of weed samples tested: 25 (free)
15. No. of potato samples visually inspected:12(free)
16. No. of basins (pivots) visually inspected:1 (free)
17. No. of potato samples tested by IF for export: 9 (free)
18. No. of growers: 4
19. General remarks:

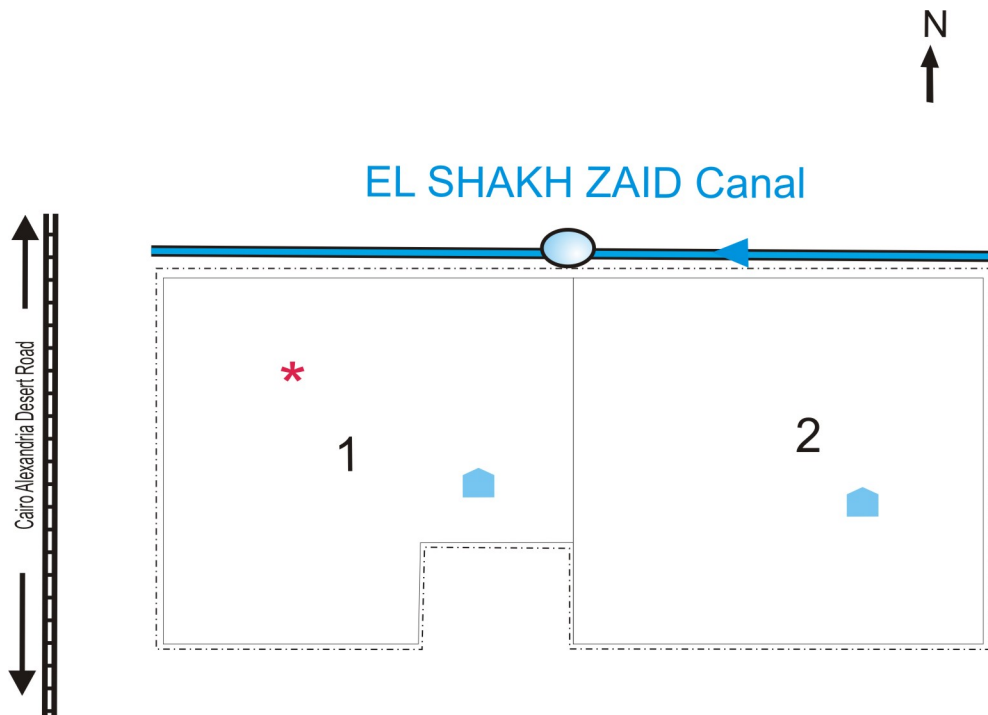
Codes No. of El- Beheira (BH) 45, PFA No.12 (Shamal El-Tahrir)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	20189
Map 1										
45	12	01	01>02	El-Shalma (1)				02		9
Map 2										
45	12	02	01>02	El-Mamonyh						
Map 3										
45	12	03	01	Awad 1						
Map 4										
45	12	04	01	Awad 2						



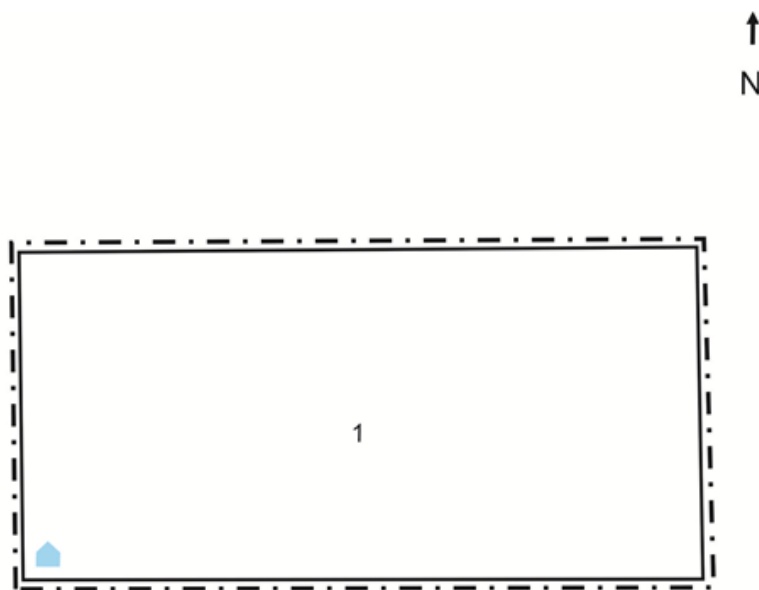
BH 45
PFA No.12
Map No.1

* X : 3052049
Y : 3003625

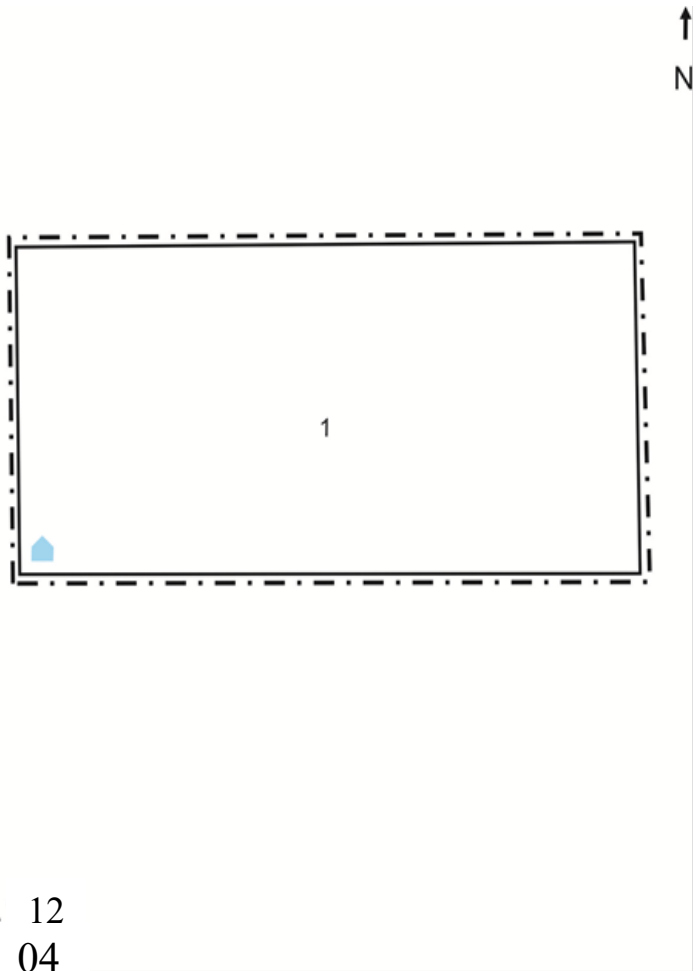


BH 45
PFA No.12
Map No.2

* B(1)E : 234557
N : 3394972



BH 45
PFA No. 12
Map No. 03



BH 45
PFA No. 12
Map No. 04

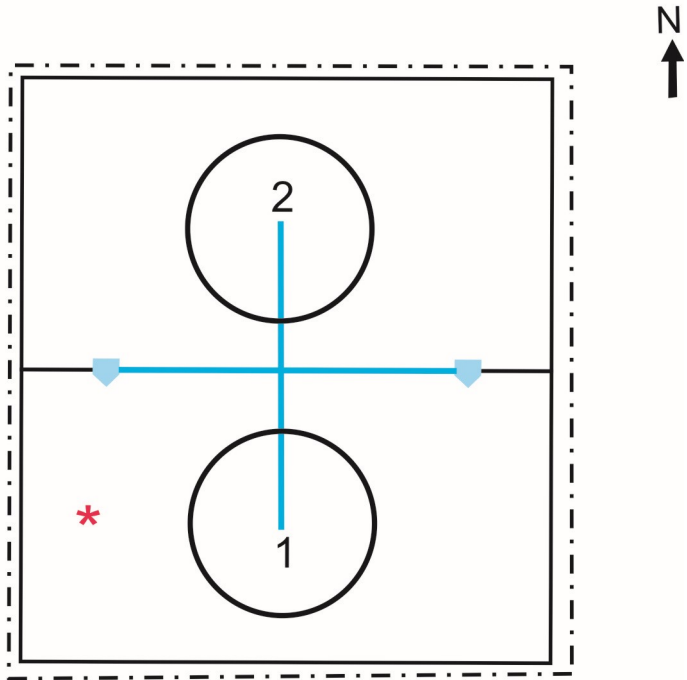
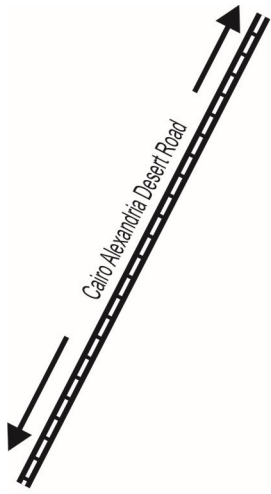
Pest Free Area Sheet
El-Beheira (BH) 45, PFA No.13

1. Name of PFA: Ganoub El-Tahrir
2. No. of maps: 15
3. Boundaries:
 - North: PFA 12 & Desert area
 - South: Desert area
 - East: Desert area
 - West: Desert area
4. Total pest free area (feddan): 45141
 - Total area proposed for potato: 6580
 - Total area proposed for export: 6080
5. Type of soil : Sandy
6. Irrigation system: Drip and Over Head Sprinkler Irrigation System.
7. Source of water: Wells
8. Rotation system

2016/2017	2017/2018	2018/2019
Summer season: Maize, Peanut	Peanut, Melon& Potato	Maize,potato & others
Winter season: Wheat, Clover & Potato	Wheat, Beans and Potato	Potato & Vegetables
9. No. of basins (pivots): 22 (32)
10. Code No. of infection inside PFA and date of discovery: No
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested:125 (free)
14. No. of weed samples tested: 446 (free)
15. No. of potato samples visually inspected: 228 (free)
16. No. of basins (pivots) visually inspected: (19) (free)
17. No. of potato samples tested by IF for export: 572(free)
18. No. of growers: 14
19. General remarks:

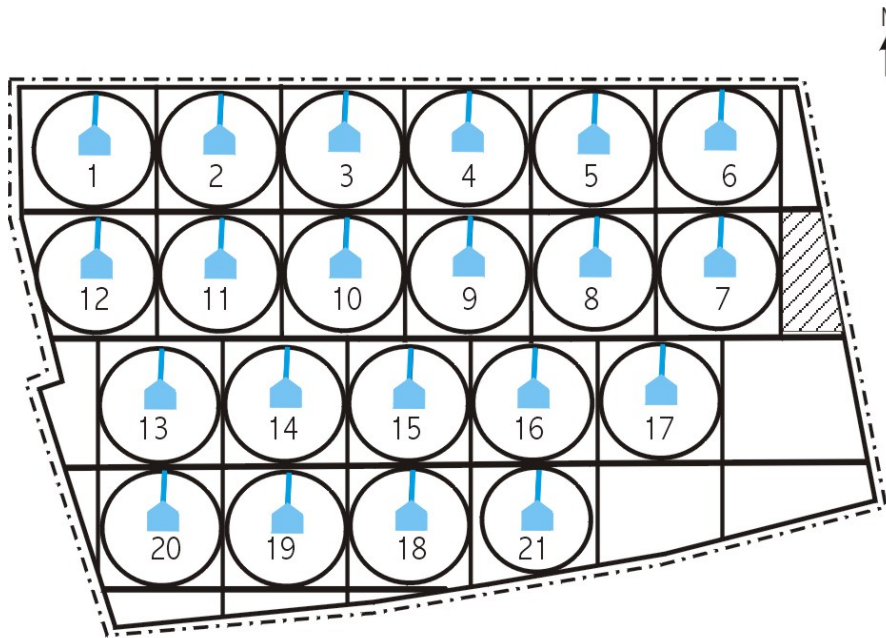
Codes No. of El- Beheira (BH) 45, PFA No.13 (Ganoub El-Tahrir)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 2											
45	13	02	(01>02)	El-Khashab farm							
Map 3											
45	13	03	(01>21)	Salma			02,11,12,21	03,04,05,09 ,10,11,16,17 ,14,15,18,19 ,20,21	69	523	
Map 6											
45	13	06	01, 03>05, 07	El-Tahan farm			01		6		
Map 9											
45	13	09	01	Derar farm							
Map10											
45	13	10	01>02	Besharah farm							
Map11											
45	13	11	01>02	El-Mallwani farm							
Map14											
45	13	14	(01>07)	Green Hand				01,03,04,06, 07		49	
Map15											
45	13	15	01>02	Al- Safa							
Map18											
45	13	18	01>02	Al-Raie Al-Saleh							
Map20											
45	13	20	01>02	El-Shaimaa							
Map23											
45	13	23	01	El Pharana							
Map27											
45	13	27	01	Morshed 2							
Map33											
45	13	33	01>03	Al Amir							
Map34											
45	13	34	01	Nehal El Nagar 1							
Map37											
45	13	37	(01>02)	AL Karmah							

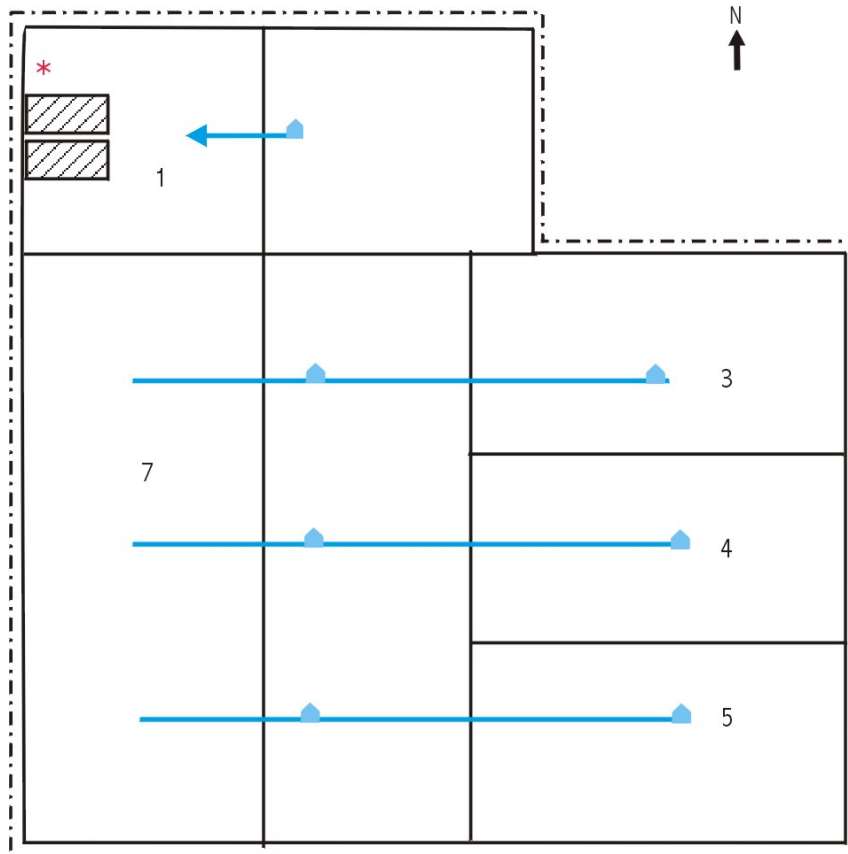


BH 45
PFA No.13
Map No.2

* X : 3032515
Y : 3028296

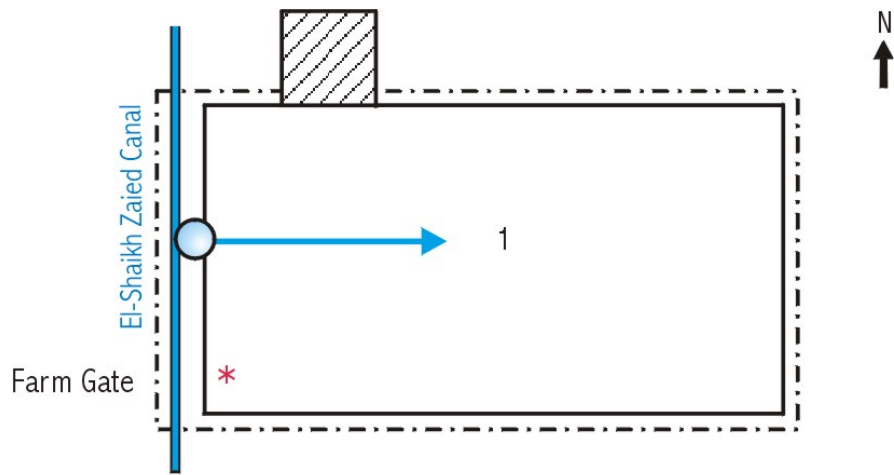


BH 45
PFA No.13
Map No.3



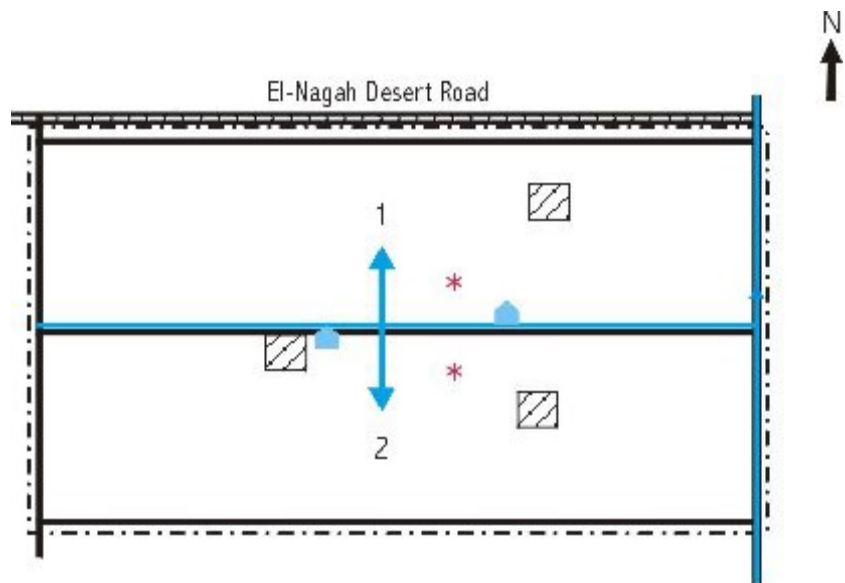
BH 45
PFA No.13
Map No.6

* X: 3041429
Y: 3037345



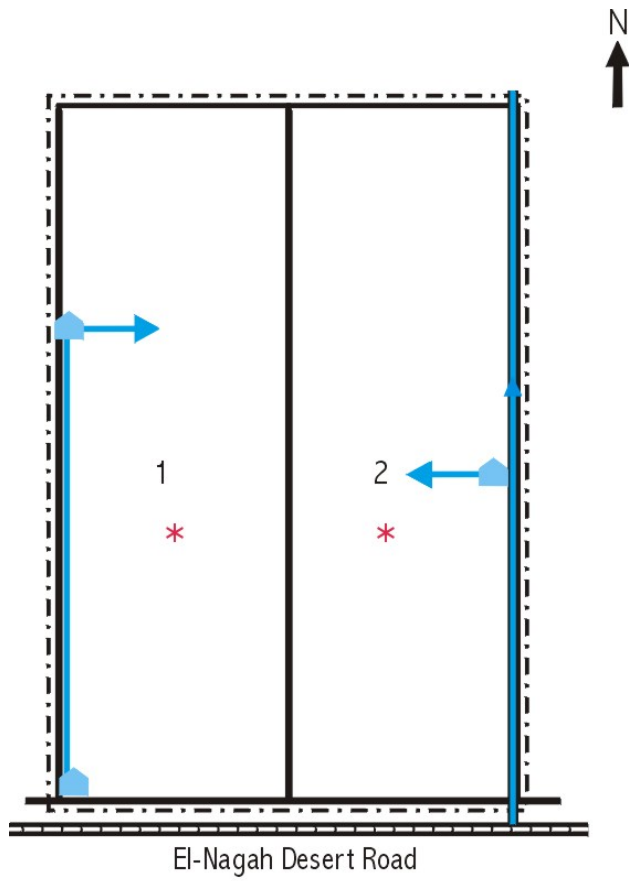
BH 45
PFA No.13
Map No.9

* X : 3407457
Y : 3818692



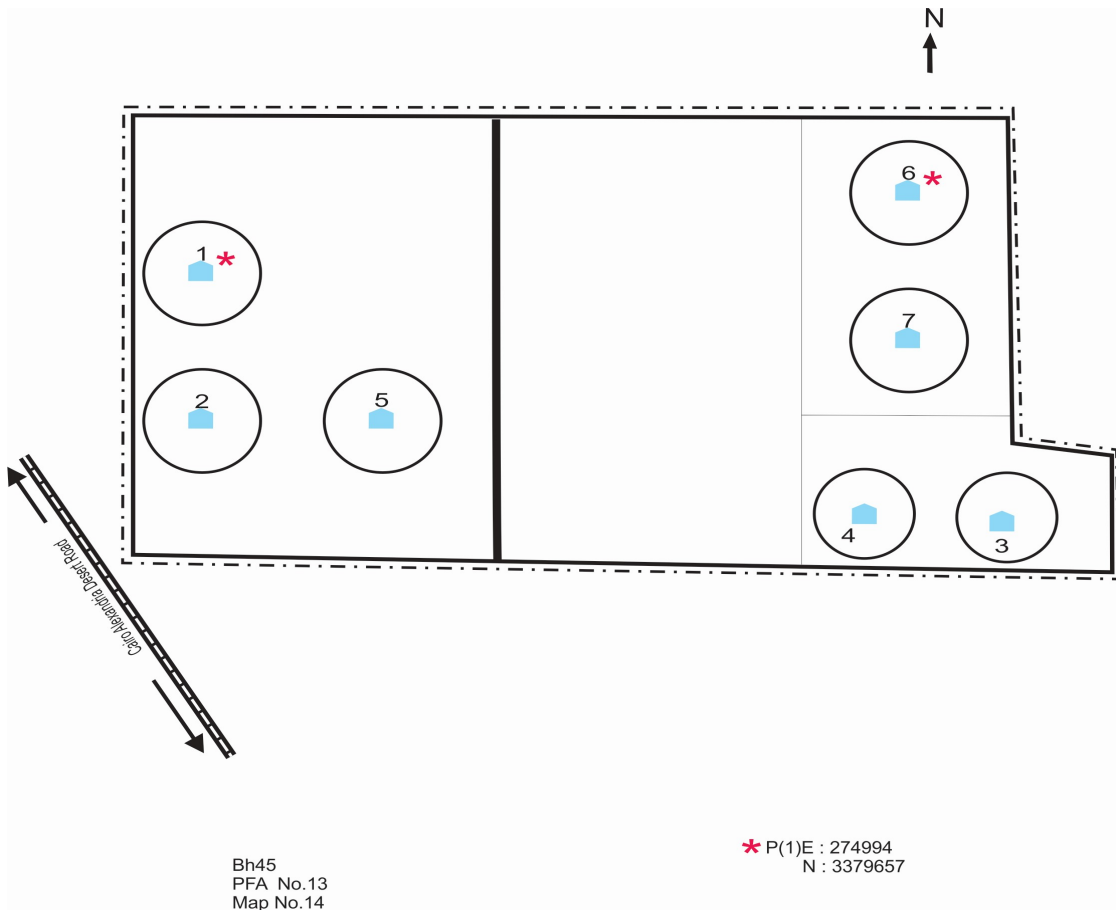
BH 45
 PFA No.13
 Map No.10

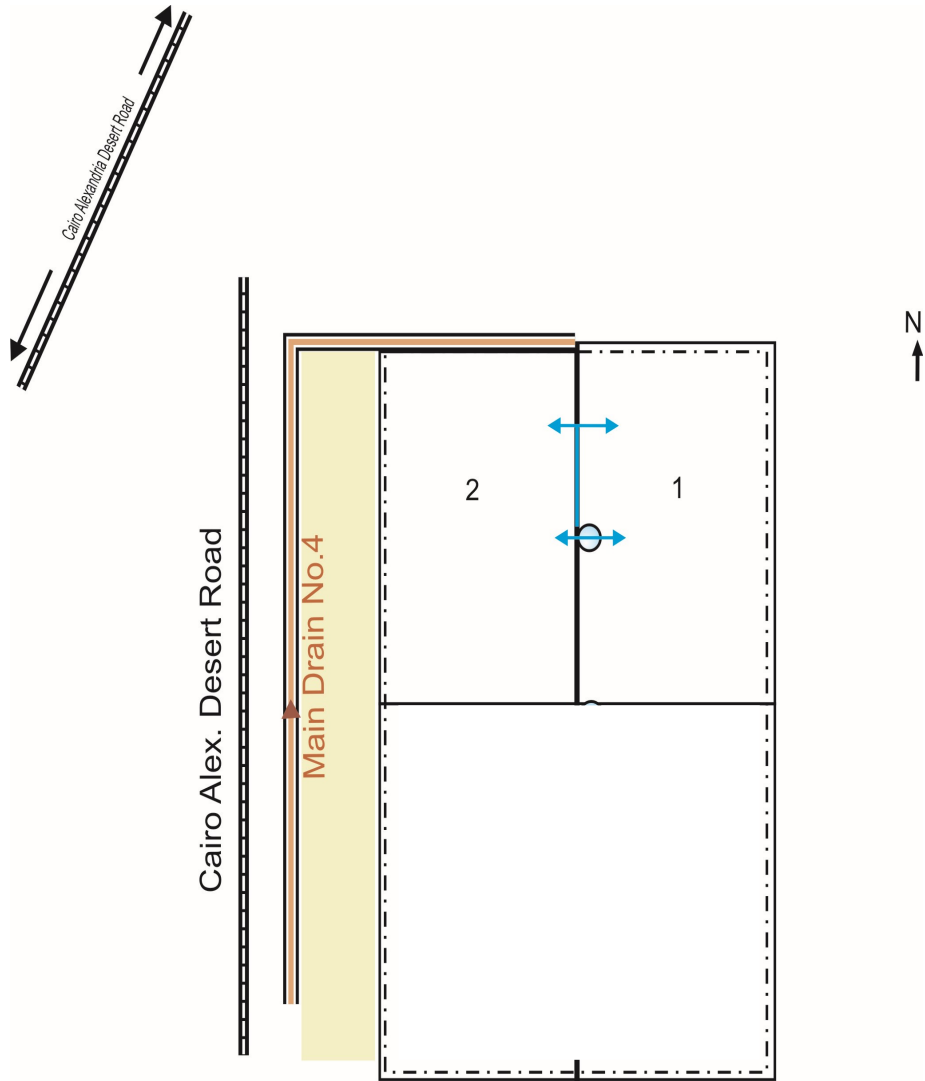
*B(1) X : 3036800
 Y : 3032856
 *B(2) X : 3036796
 Y : 3032852



BH 45
 PFA No.13
 Map No.11

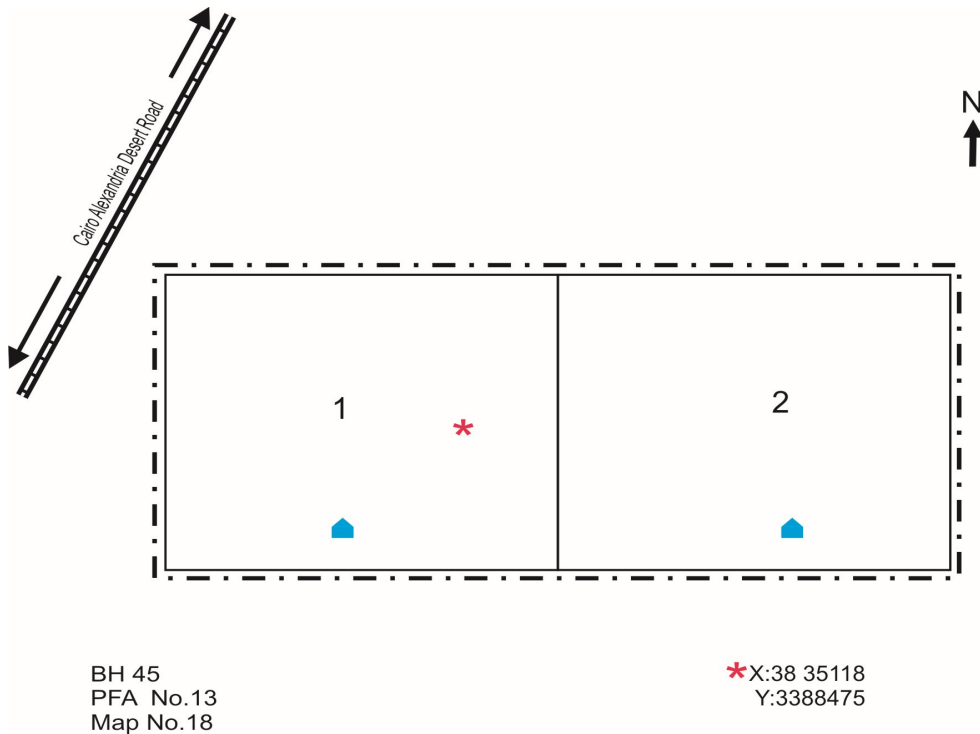
*B(1) X : 3035644
 Y : 3030691
 *B(2) X : 3035576
 Y : 3030889

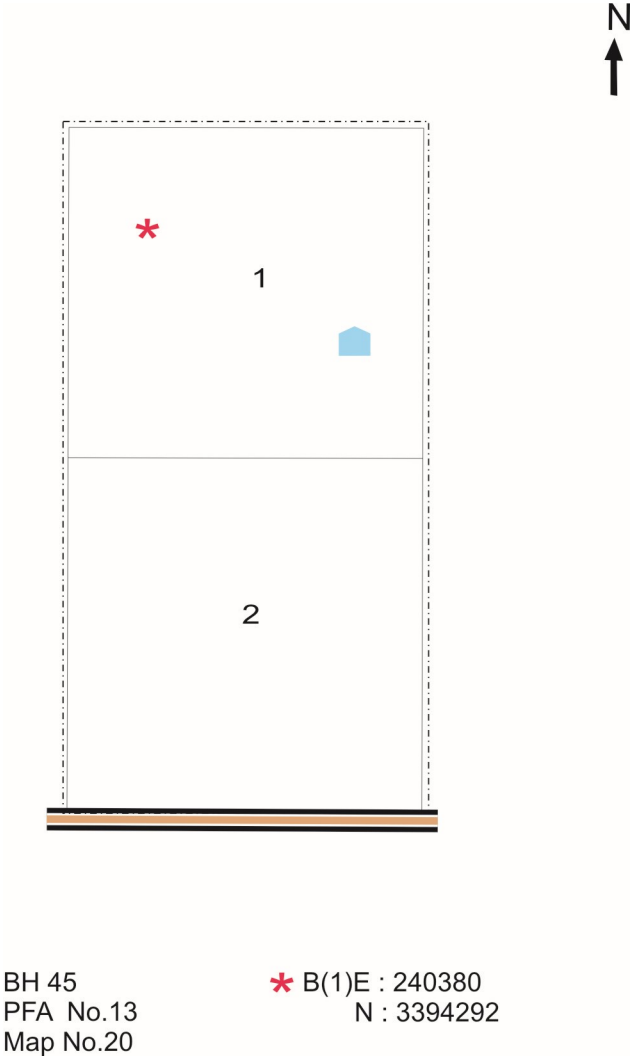


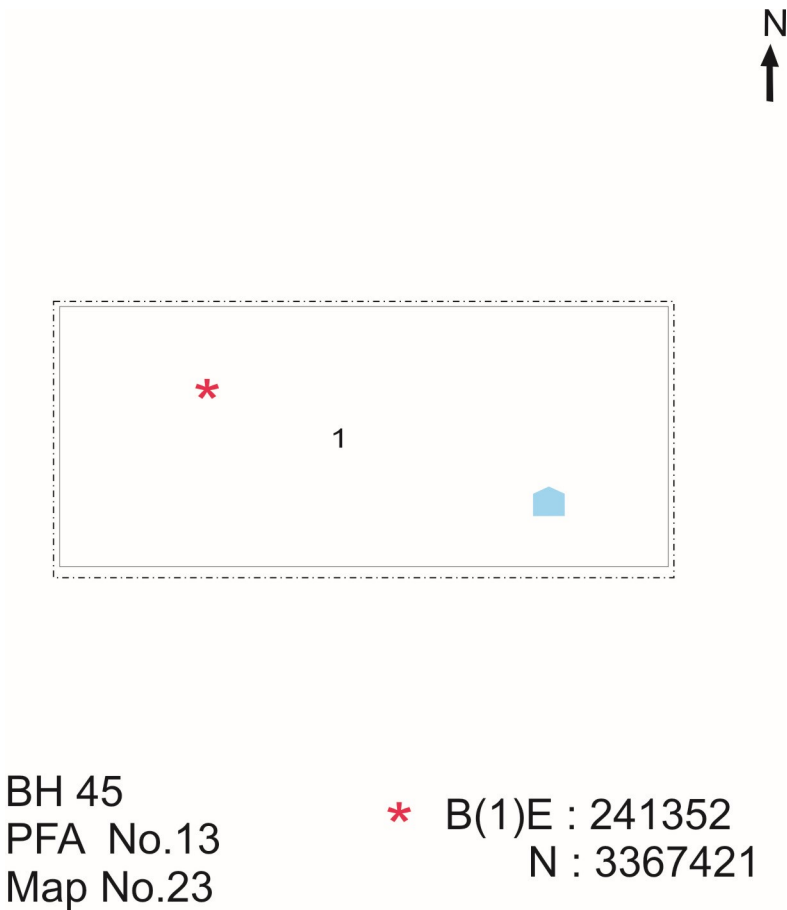


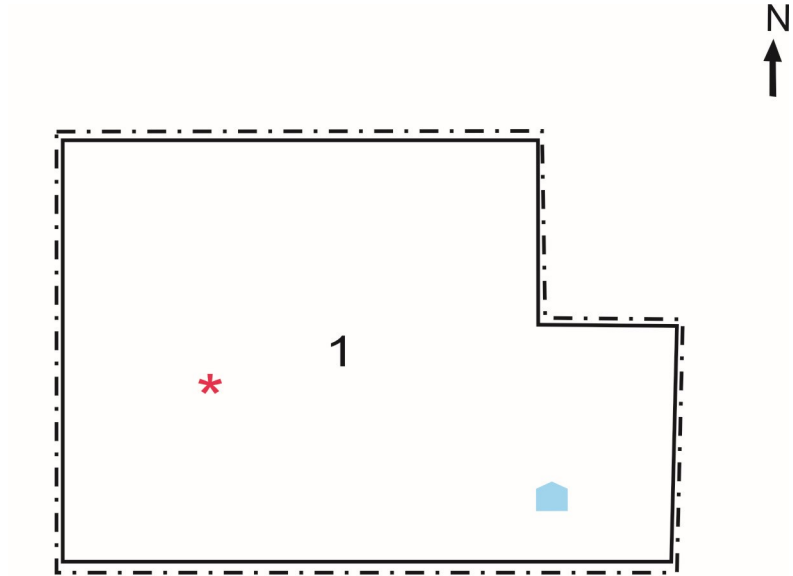
BH 45
 PFA No.13
 Map No.15

* X : 3035365
 Y : 3021506



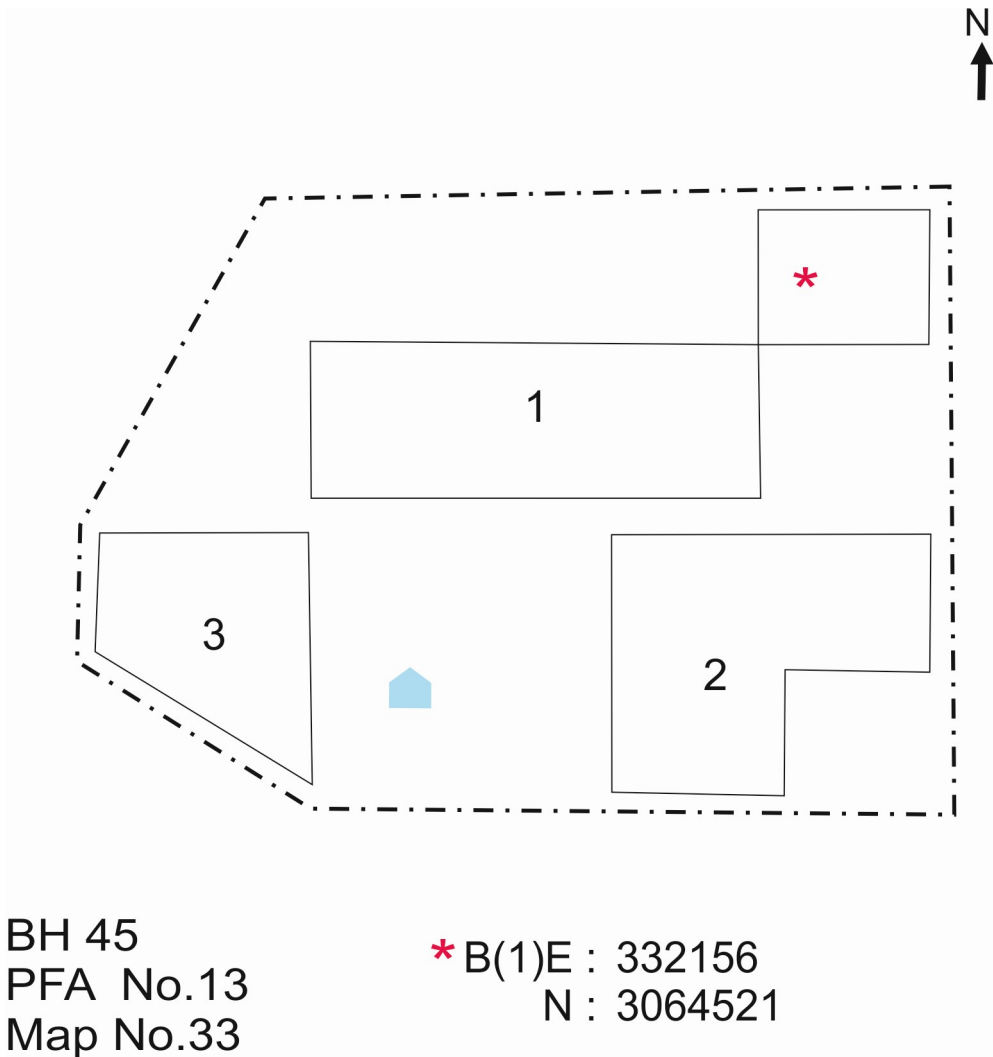






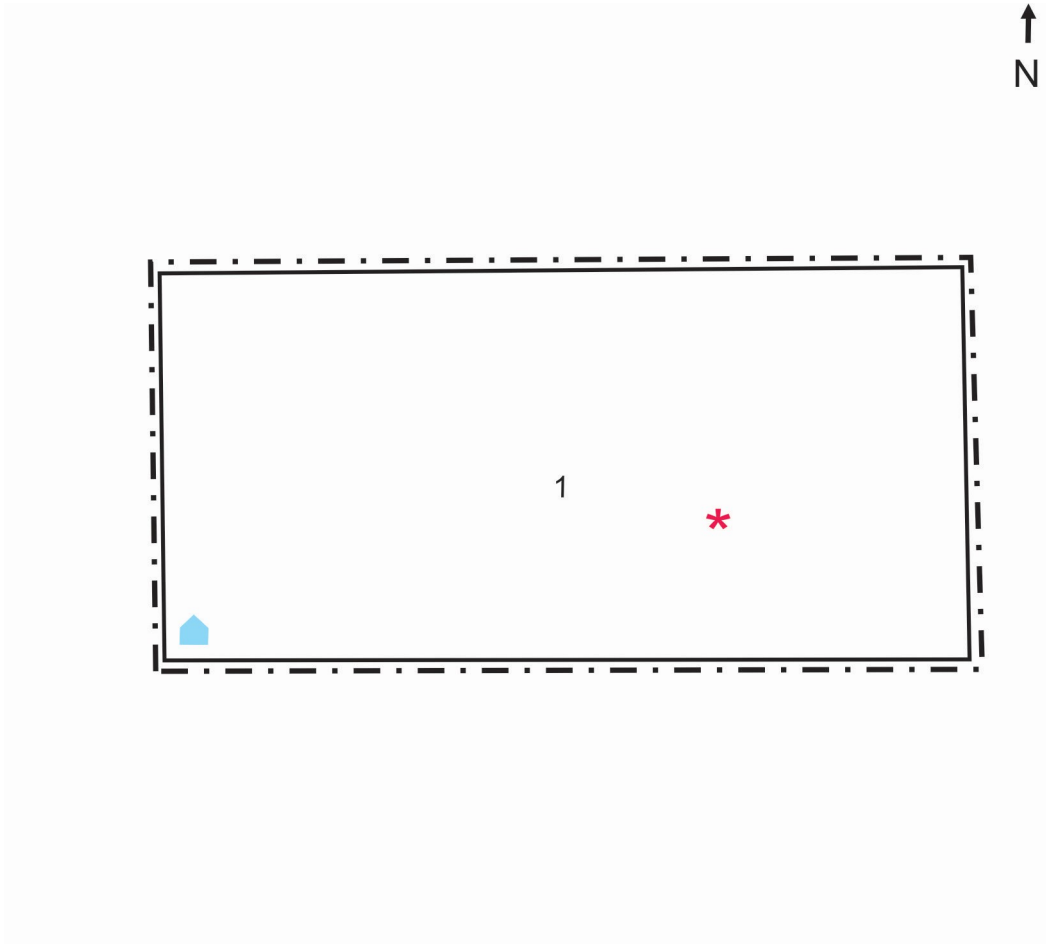
BH 45
PFA No.13
Map No.27

* B(1)E : 284794
N : 3388146

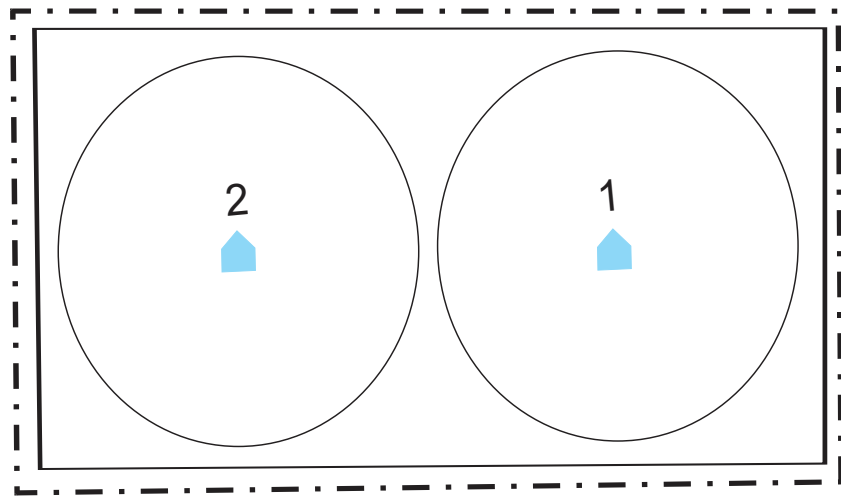


BH 45
PFA No.13
Map No.33

* B(1)E : 332156
N : 3064521



BH 45
PFA No.13
Map No. 34



BH 45
PFA No. 13
Map No. 37

El-Beheira (BH) 45, PFA No.14

1. Name of PFA: El-Bostan
2. No. of maps: 12
3. Boundaries:
 - North: Alexandria Governorate
 - South: El-Gharbia Governorate
 - East : El-Dakahlia Governorate
 - West : Alexandria Governorate
4. Total pest free area (feddan): 2784
 - Total area proposed for potato: 2010
 - Total area proposed for export: 1710
5. Type of soil : Sandy
6. Irrigation system: Flooding irrigation.
7. Source of water: El-Bostan main canal
8. Rotation system

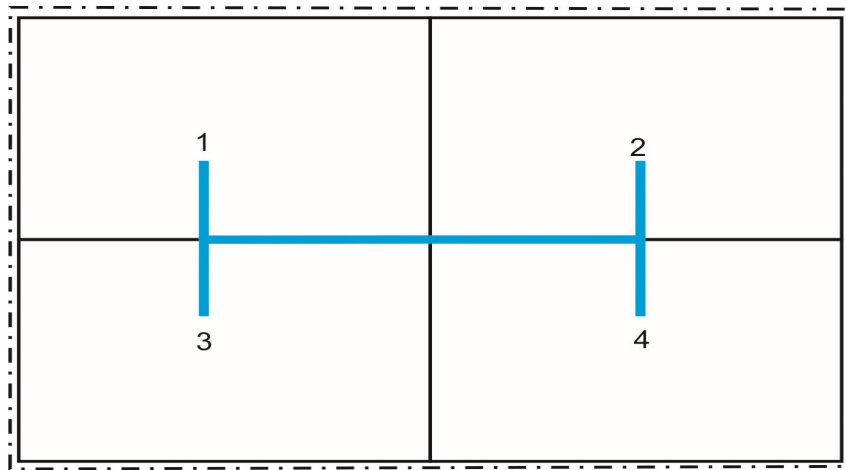
	2016/2017	2017/2018	2018/2019
Summer season:	Vegetables and Okra	Maize and Peanut	Peanut and Vegetables
Winter season:	Beans, Clover	Potato and Clover	Potato & Wheat
9. No. of basins: 18 (8)
10. Code No. of infection inside PFA and date of discovery: No
11. Is infection present upstream when surface water is used:
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested: 54 (free)
14. No. of weed samples tested: 191 (free)
15. No. of potato samples visually inspected: 0 (free)
16. No. of basins visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 12
19. General remarks:

Codes No. of El- Beheira (BH) 45, PFA No.14 (El-Bostan)

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map13											
45	14	13	01>02	Morshed							
Map14											
45	14	14	01>04	Baraka			02,04			20	
Map 17											
45	14	17	01>03	Agroland							
Map 21											
45	14	21	01>02	El-Rahman							
Map 22											
45	14	22	01>02	El-Omda							
Map 23											
45	14	23	01	Nehal El-Nagar 3							
Map 25											
45	14	25	01>02	El Safwa							
Map 26											
45	14	26	01	El Emrait 1							
Map 27											
45	14	27	01	El Emrait 2							
Map 28											
45	14	28	(01>05)	El Abrar1							
Map 29											
45	14	29	(01>02)	EL Masria El - Emaratia							
Map 30											
45	14	30	(01)	EL Frdos 2							



BH 45
PFA No.14
Map No.13



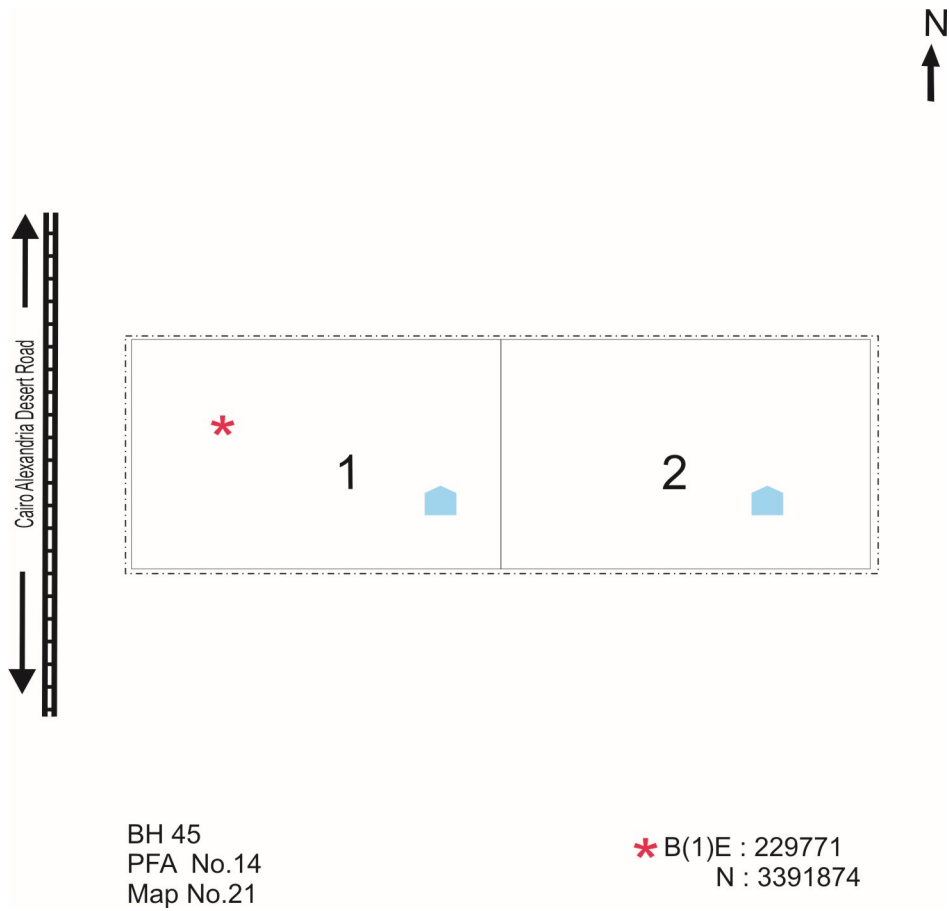
BH 45
PFA No.14
Map No.14

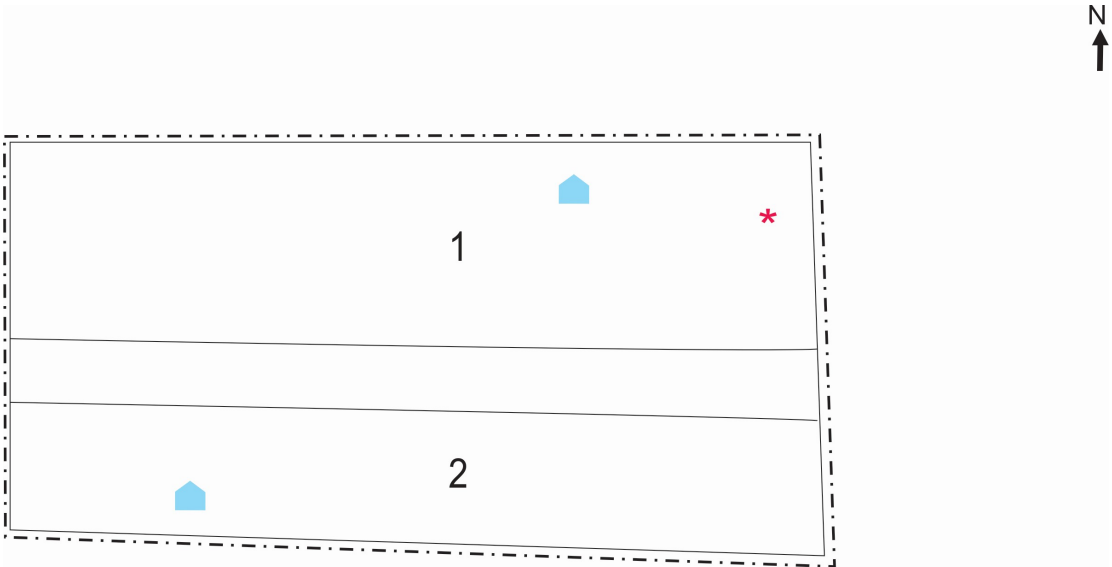
Cairo-Alexandria Desert Road



BH 45
PFA No.14
Map No.17

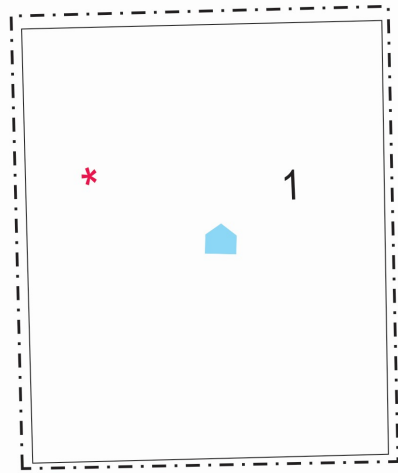
* B(1)E : 236204
N : 3397864





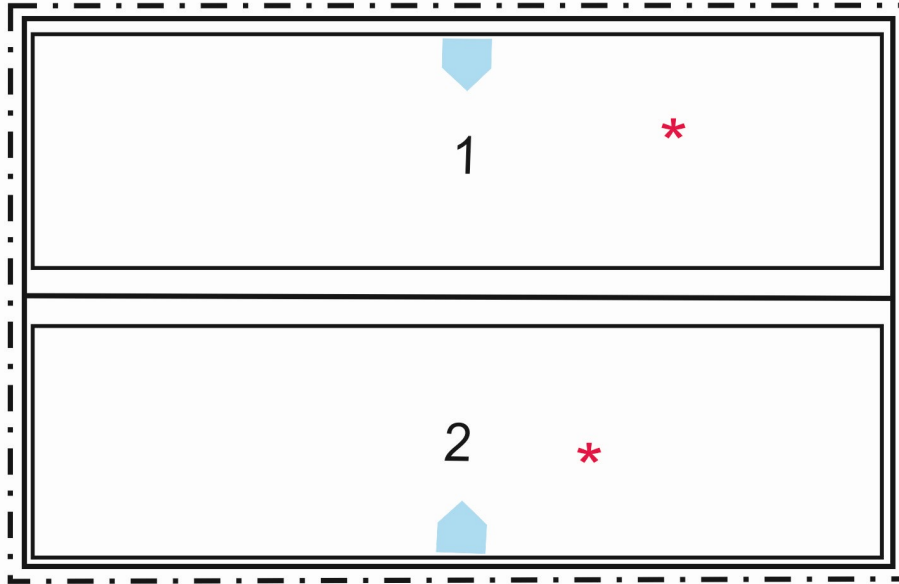
BH 45
PFA No.14
Map No.22

* B(1)E : 300233
N : 3033494



BH 45
PFA No.14
Map No.23

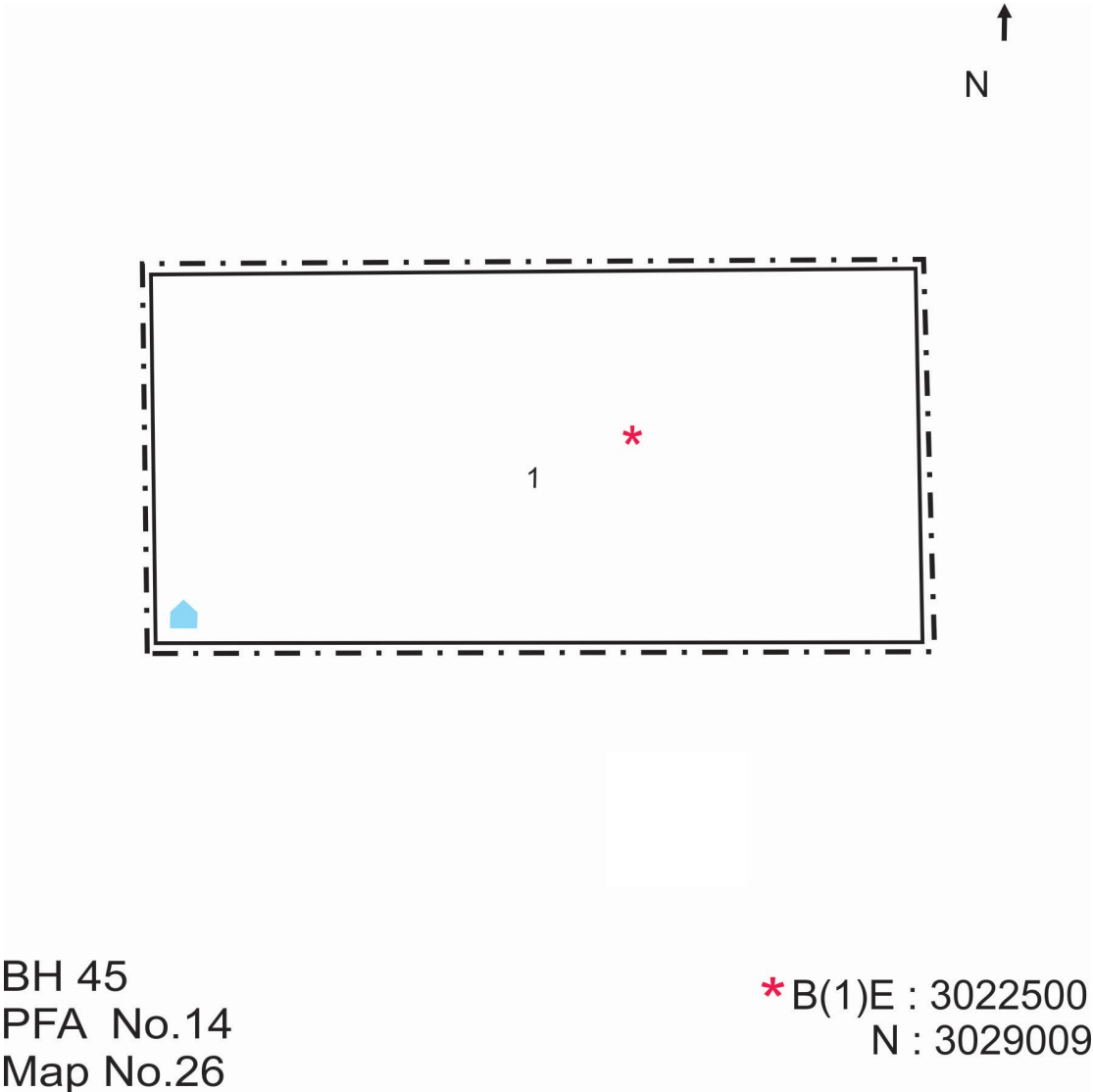
* B(1)E : 300233
N : 3033494



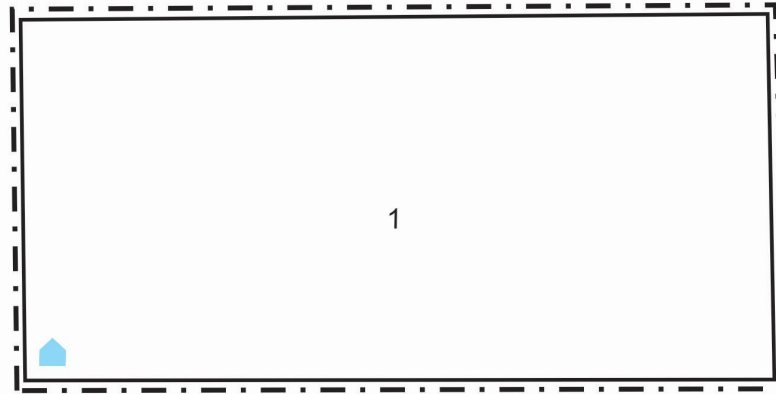
BH 45
PFA No.14
Map No.25

* B(1)E : 3024383
N : 3031309

* B(2)E : 3024354
N : 3031319

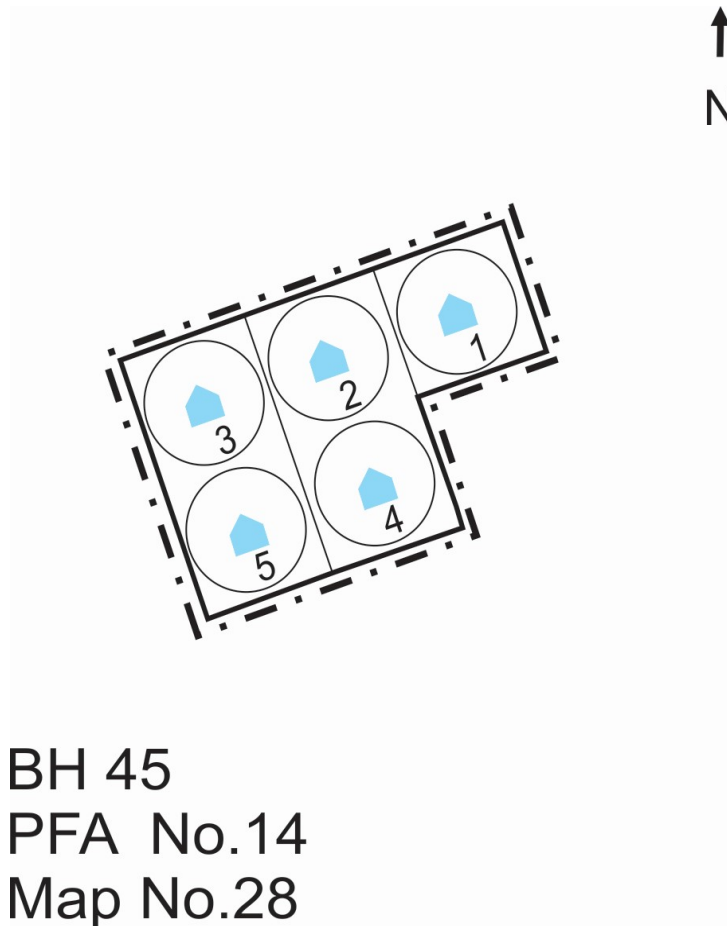


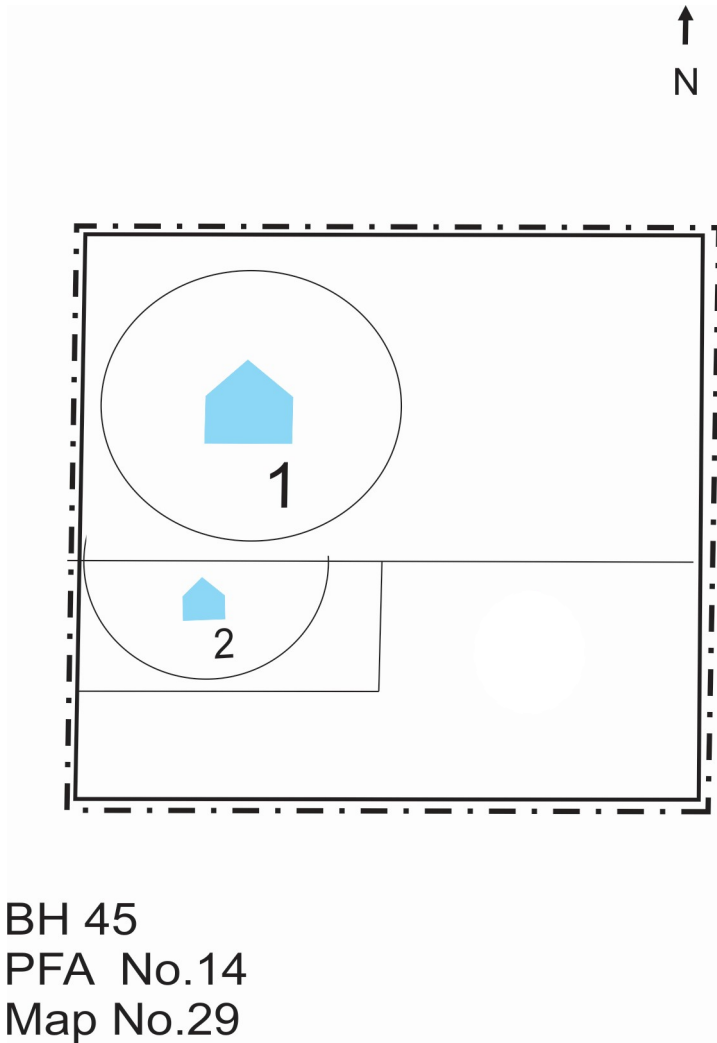
↑
N

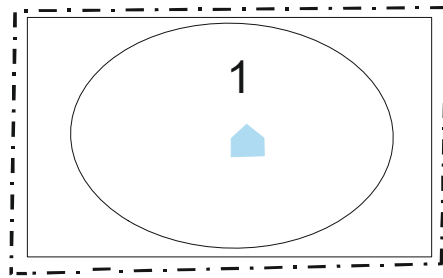


BH 45
PFA No.14
Map No.27

* B(1)E : 3023238
N : 3030198







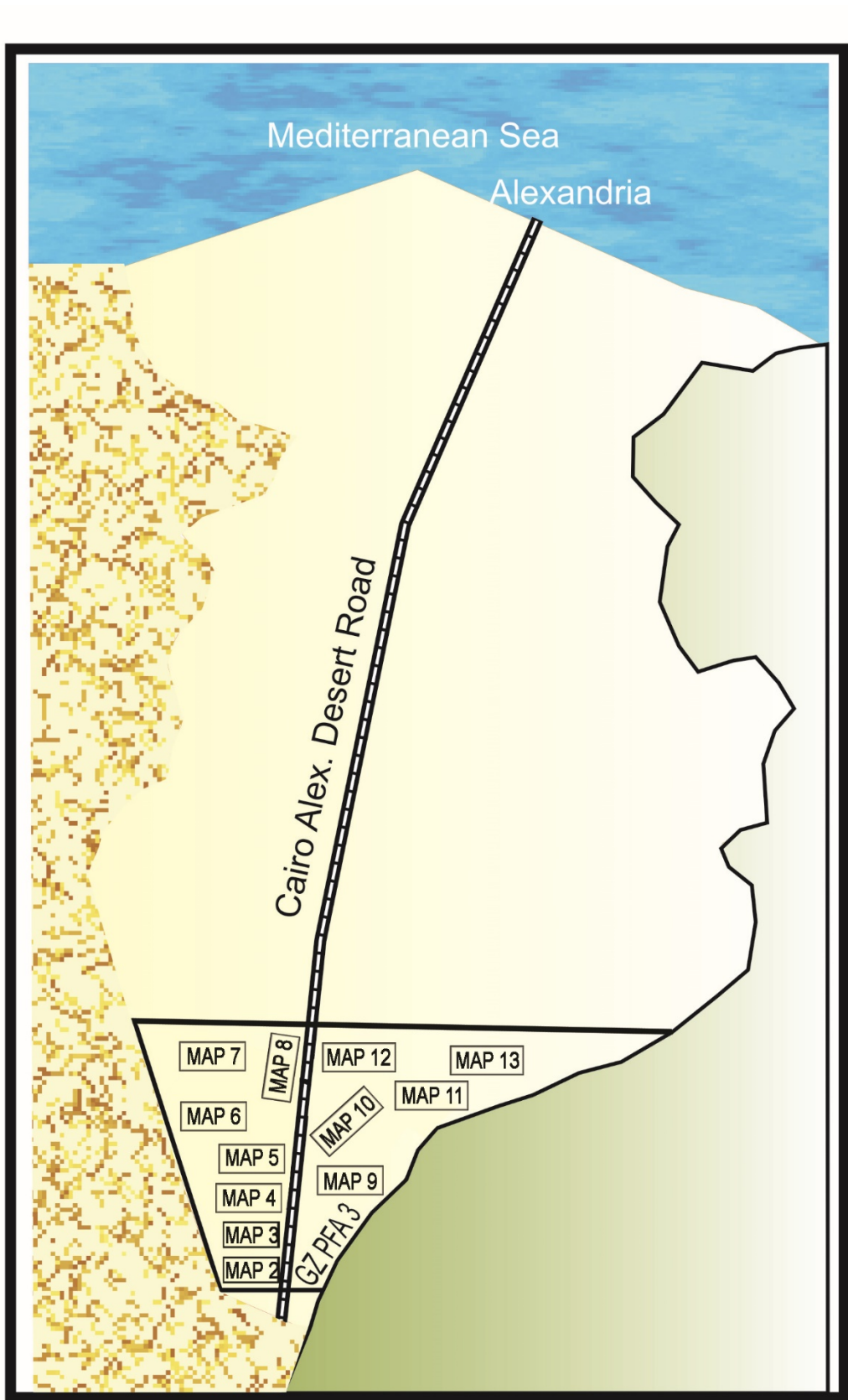
BH .45
PFA No.14
Map No. 30



PEST FREE AREA

GZ (02)

2019/2020



General Map
Giza 02

General data of the PFAs at Giza (GZ) 02

PFA	Total pest free area (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2018/2019		Export to EU (tons) 2018/2019 Export	Proposed For 2019/2020		
		Total	Export		No of samples	No of basins (Pivots)	No of samples			No of basins (Pivots)	No of water samples	No of weed samples
							Total	Export				
PFA 03	4798	2728	2128	9(21)	24	(2)	27	27	(2)	636.500	63	167
Total	4798	2728	2128	9(21)	24	(2)	27	27	(2)	636.500	63	167

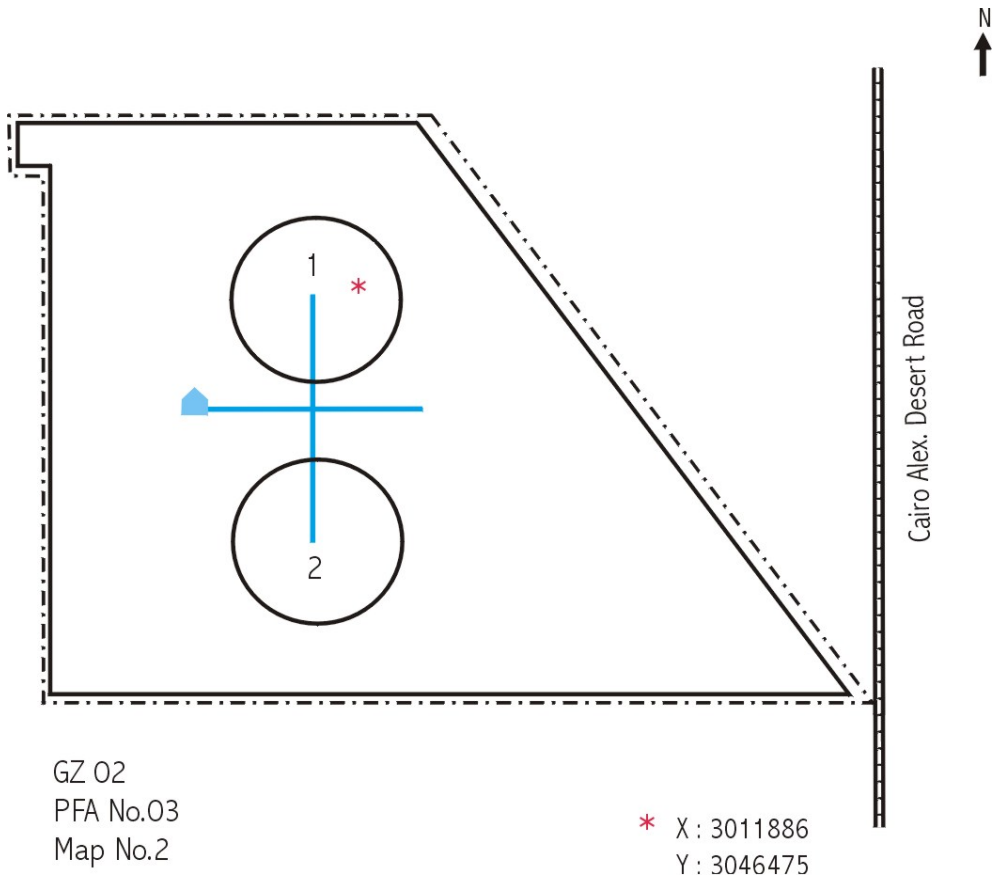
Pest Free Area Sheet
Giza (GZ) 02, PFA No.03

1. Name of PFA: El-Haram
2. No. of maps: 12
3. Boundaries:
 - North: Cairo Governorate
 - South: Bani Swief Governorate
 - East : South Sinai Governorate
 - West : El-Fayioum Governorate
4. Total pest free area (feddan): 4798
 - Total area proposed for potato: 2728
 - Total area proposed for export: 2128
5. Type of soil : Sandy
6. Irrigation system: Over Head Sprinkler Irrigation System
7. Source of water: Wells
8. Rotation system:

2016/2017	2017/2018	2018/2019
Summer season : Maize, Peanut	Peanut, Melon & Potato	Maize,potato
Winter season: Beans,Clover and Potato	Wheat, Beans & Potato	Potato & Vegetables
9. No. of basins (pivots): 9 (21)
10. Code No. of infection inside PFA and date of discovery: None
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested: 63 (free)
14. No. of weed samples tested: 167 (free)
15. No. of potato samples visually inspected: 24 (Free)
16. No. of basins (pivots) visually inspected: (2) (Free)
17. No. of potato samples tested by IF for export: 27 (Free)
18. No. of growers: 15
19. General remarks:

Codes No. of Giza (GZ) 02, PFA No.03 (El-Haram)

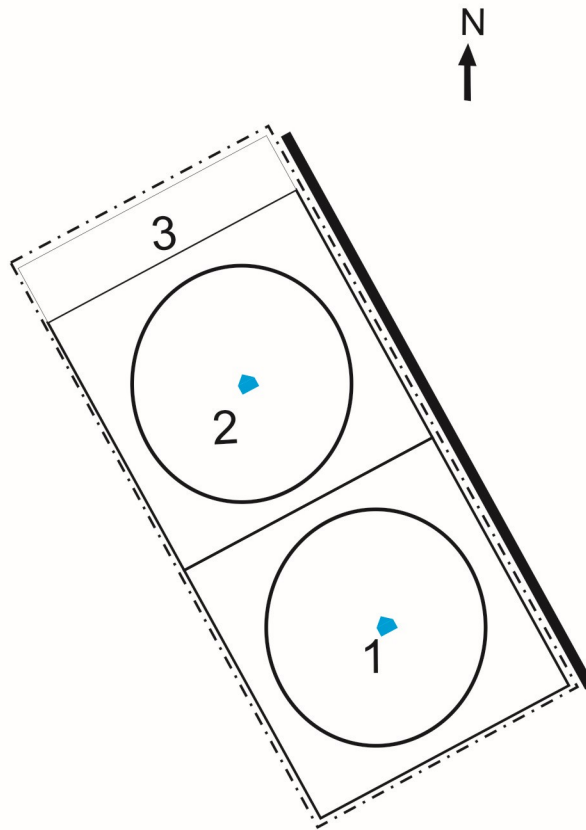
Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 2											
02	03	02	(01>02)	Rejwa farm							
Map 3											
02	03	03	(01>02), 03	Ahmed zaghlol							
Map 4											
02	03	04	(01>05)	Delta							
Map 5											
02	03	05	(01>02)	El-Ghazaly			01,02			34	
Map 6											
02	03	06	01	El-zainy							
Map 7											
02	03	07	01>02	El-Ekhlal							
Map 8											
02	03	08	01>02	Belco							
Map 10											
02	03	10	(01>02),03	El Diya			01,02			26	
Map 11											
02	03	11	(01>02),03,04	Sakara							
Map 12											
02	03	12	(01>03)	Morshed 3			01	01,03	15	27	
Map 13											
02	03	13	(01)	Morshed 4							
Map 14											
02	03	14	(23>24)	Mostakabl Misr							



GZ 02
PFA No.03
Map No.2

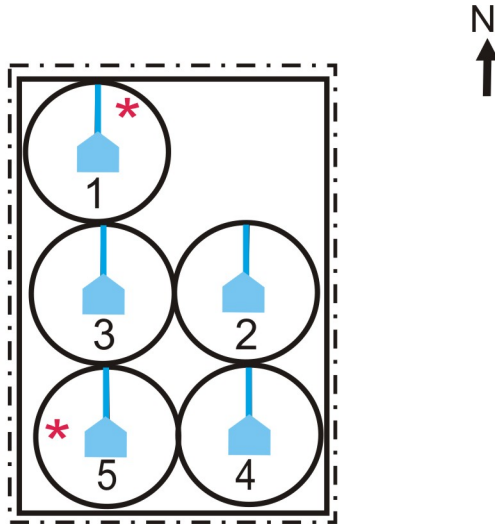
* X: 3011886
Y: 3046475

Cairo Alexandria Desert Road



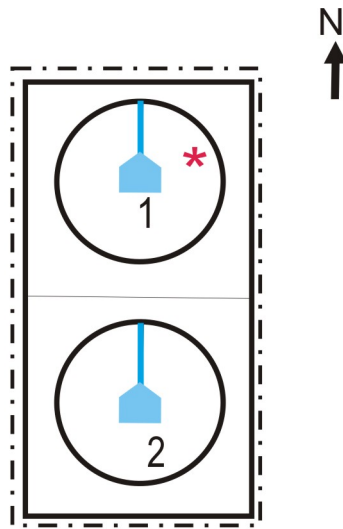
GZ 02
PFA No.3
Map No.3

* X:3865377
Y:3357123



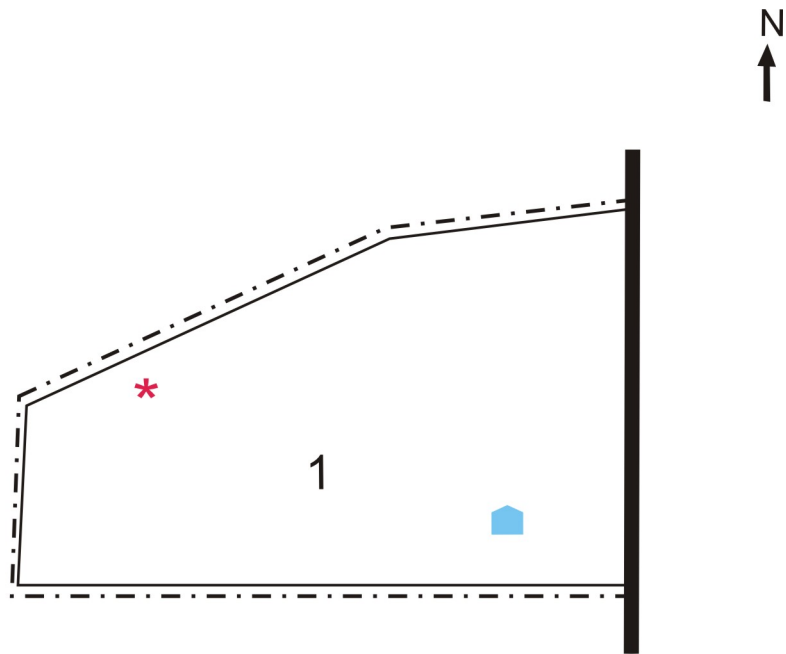
GZ 02
PFA No.03
Map No.04

* P(1)E : 262392
N : 3342554
* P(5)E : 261572
N : 3343623



GZ 02
PFA No.03
Map No.05

*P(1)E : 247248
N : 3365032



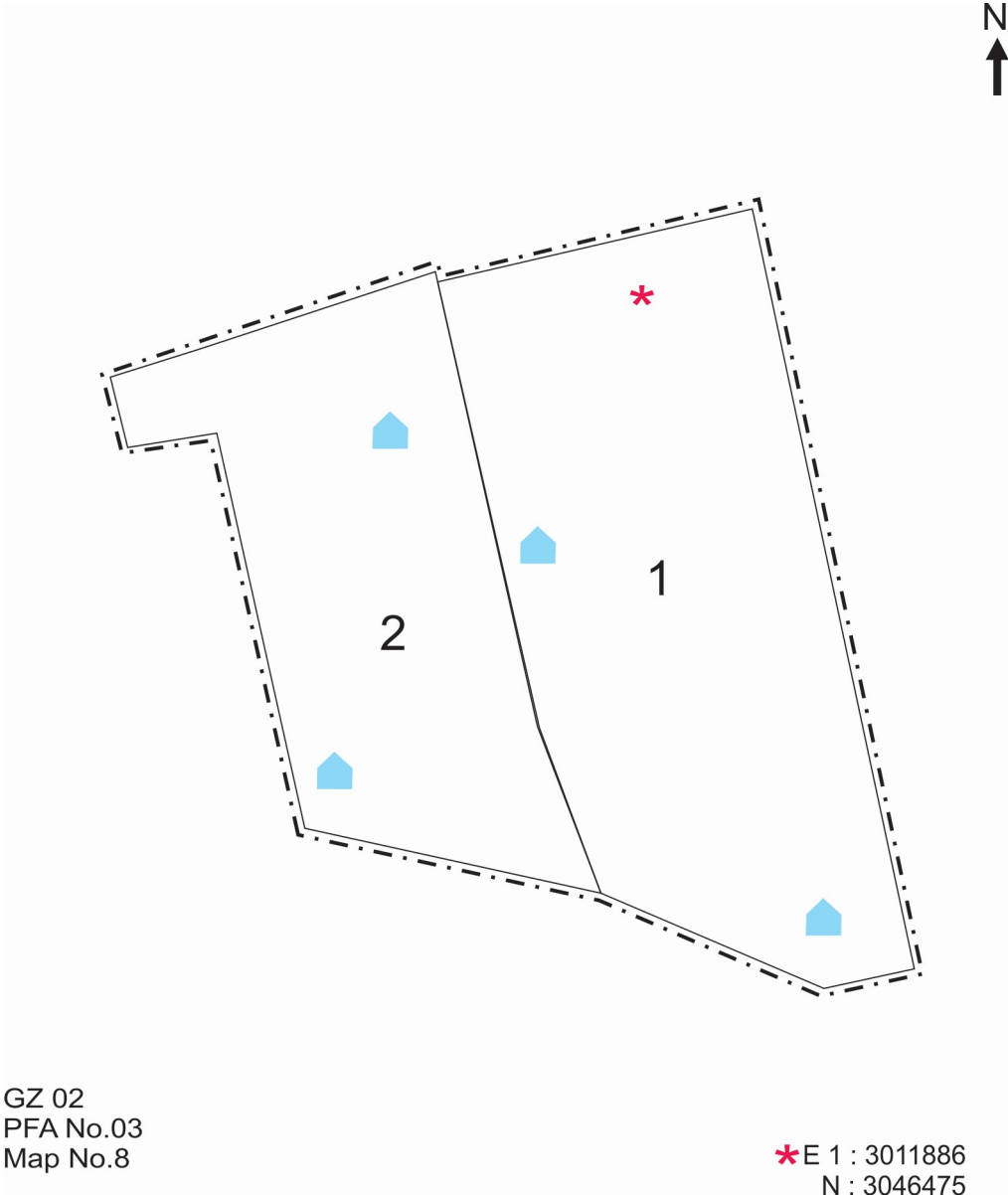
GZ 02
PFA No.03
Map No.06

* B(1)E : 264049
N : 3342438

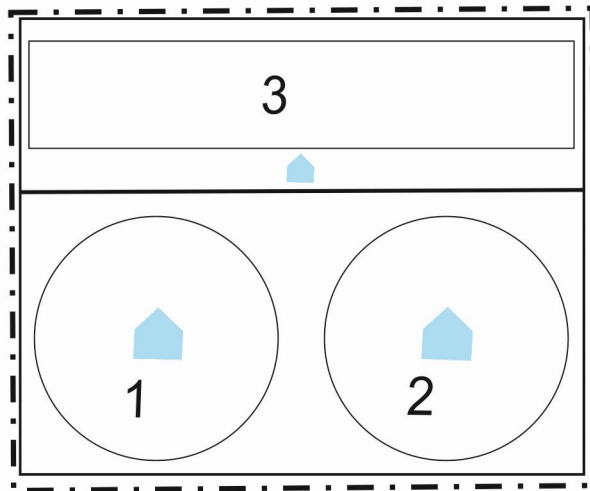


GZ 02
PFA No.03
Map No.07

* B(1)E : 273099
N: 3341819

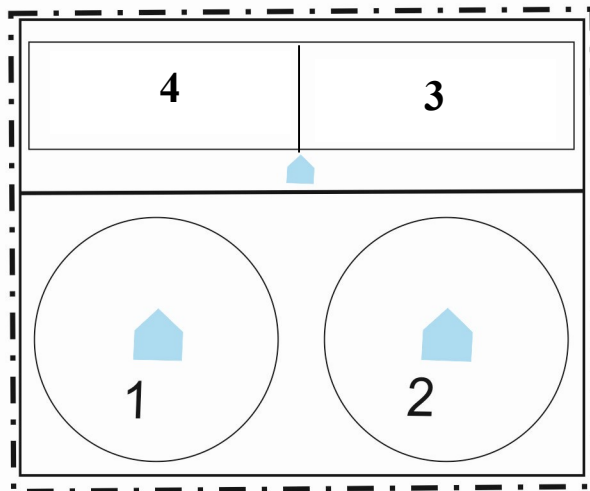


↑
N

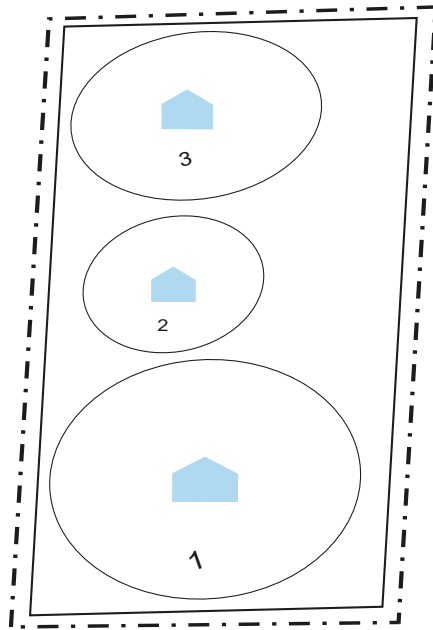


GZ 02
PFA No.03
Map No.10

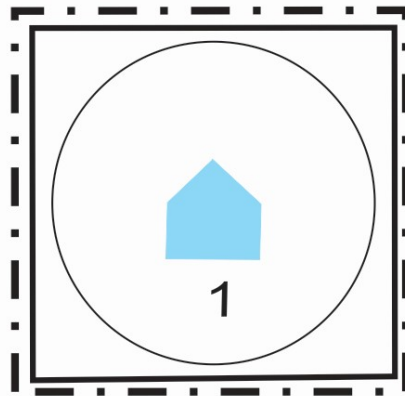
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N



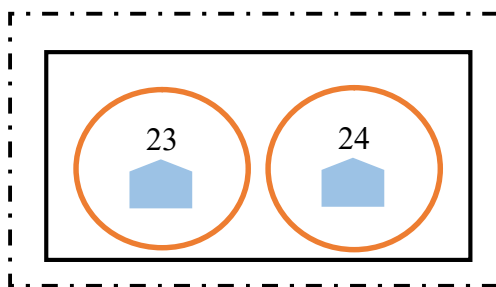
GZ 02
PFA No.03
Map No. 11



IGZ 02
PFA No.03
Map No.12



GZ 02
PFA No.03
Map No.13



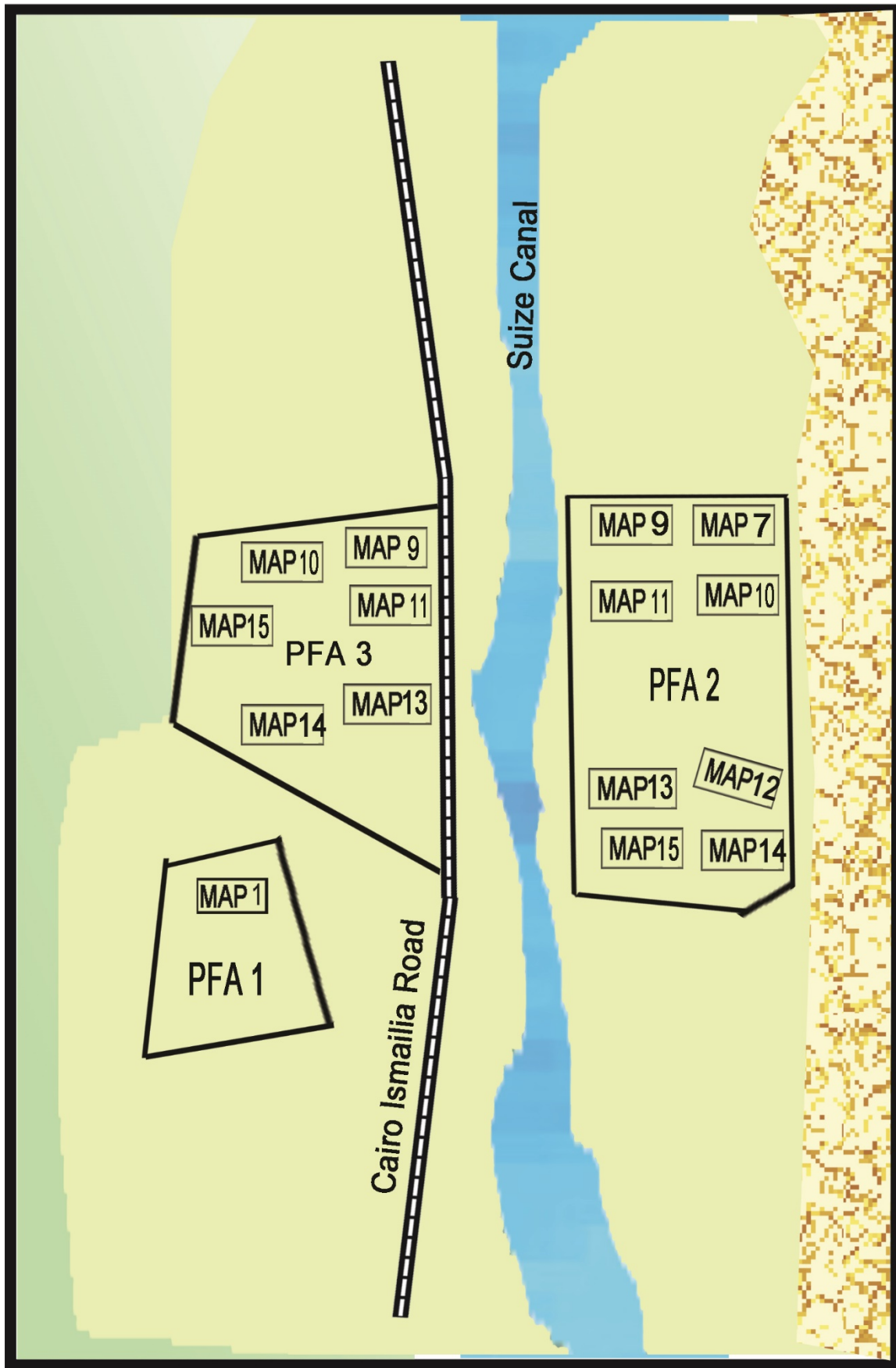
GZ 02
PFA No. 03
Map No. 14



PEST FREE AREA

IS (64)

2019/2020



General Map
Ismailia 64

General data of the PFAs at Ismailia (IS) 64

PFA	Total pest free area (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2018/2019			Export to EU (tons) 2018/2019 Export	Proposed For 2019/2020	
		Total	Export		No of samples	No of basins (Pivots)	No of samples		No of basins (Pivots)		No of water samples	No of weed samples
							Total	Export				
PFA 01	22900	10150	9150	(108)	784	(49)	1404	1404	(49)	33435.620	215	1568
PFA 02	4670	2100	1700	21(13)	0	0	0	0	0	0	68	225
PFA 03	5699	4548	4548	13(44)	256	4 (12)	256	256	4 (12)	6370.100	73	132
PFA 04	8951	8929	8929	(95)	512	(32)	663	663	(32)	15682	145	96
PFA 06	200	200	200	(2)	0	0	0	0	0	0	4	8
Total	42420	25927	24527	34(262)	1456	4(93)	2323	2323	4(93)	55487.72	505	2029

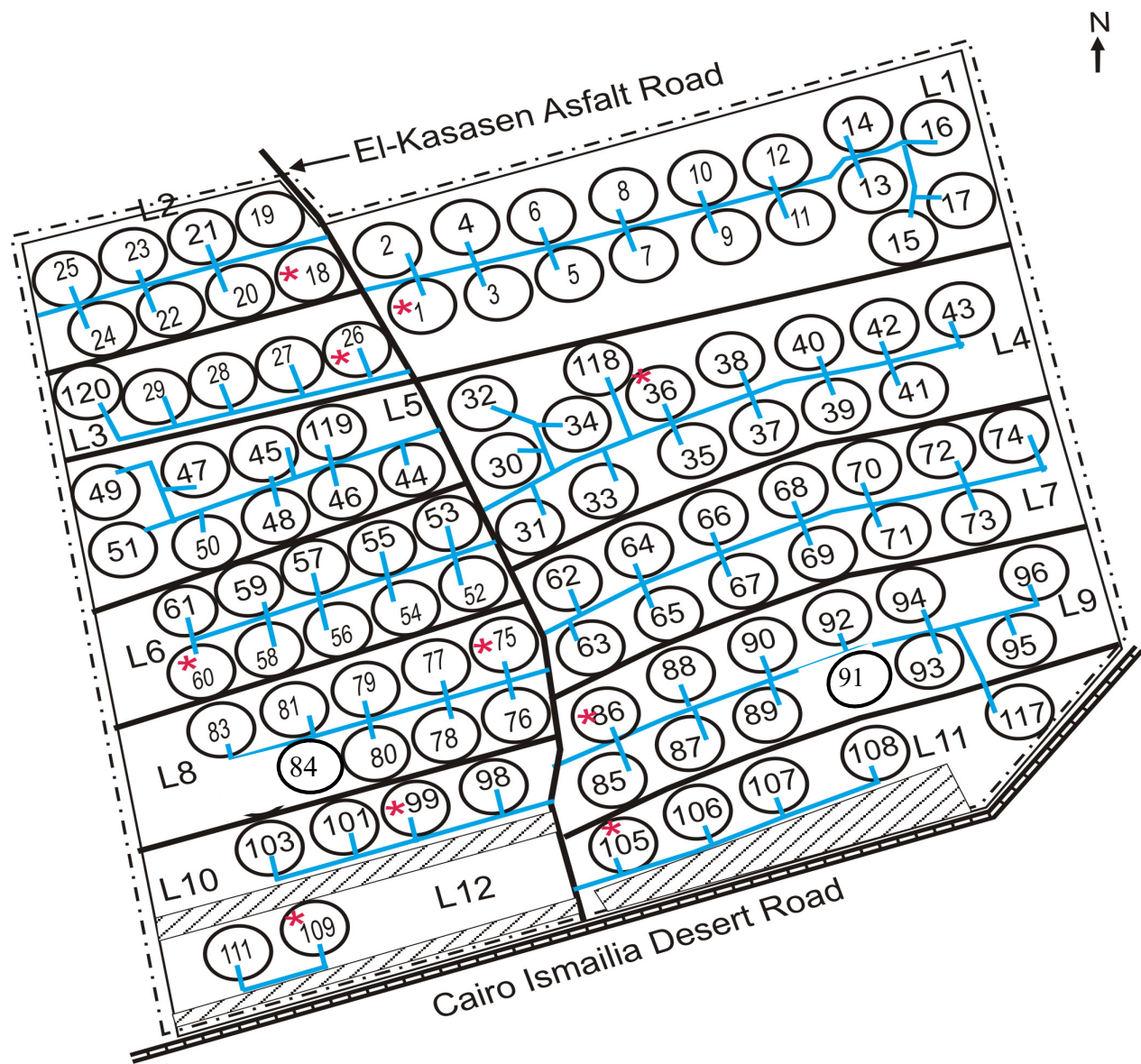
Pest Free Area Sheet
Ismailia (IS) 64, PFA No.01

1. Name of PFA : El-Shabab Project
2. No. of maps : 1
3. Boundaries:
 - North: Port Said Governorate
 - South: Seuse Governorate
 - East : North Sinai Governorate
 - West : El-Sharkia Governorate
4. Total pest free area (feddan): 22900
 - Total area proposed for potato: 10150
 - Total area proposed for export: 9150
5. Type of soil : Sandy
6. Irrigation system: Over Head Sprinkler Irrigation System.
7. Source of water: Pipelines from Ismailia Canal
8. Rotation system

2016/2017	2017/2018	2018/2019
Summer season: Peanut & Potato	Potato & others	Maize, Peanut
Winter season: Maize & Potato	Wheat , Potato & Vegetables	Potato, Clover
9. No. of basins (pivots): (108)
10. Code No. of infection inside PFA and date of discovery: No
11. Is infection present upstream when surface water is used:
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested : 215 (free)
14. No. of weed samples tested : 1568 (free)
15. No. of potato samples visually inspected : 784 (free)
16. No. of basins (pivots) visually inspected : (49) (free)
17. No. of potato samples tested by IF for export : 1404 (free)
18. No. of growers : 23
19. General remarks:

Codes No. of Ismailia (IS) 64, PFA No.01 (El-Shabab)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 1										
64	01	01	(01 >17)			01,03,04,05, 07,09,10,11, 12	01,03,05,07, 08,09,10	144	268	
		02	(18>25)			01,24	19,20,21,22, 25	57	223	
		03	(26>29,120)			26,27,29	26,29	131	37	
		04	(30>43, 118)			31,32,33,34, 36	31,32,36,38, 42,40,43,118	110	163	
		05	(44>51,119)			44,46,49,50, 119	44,45,46,49, 119	105	135	
		06	(52> 61)			53,54,58	52,53,58	49	57	
		07	(62>74)			64,67,68,71, 72,74	63,64,68,70, 71,73,74	303	120	
		08	(75>81,83 ,84)				75		30	
		09	(85>96)			85,87,88,91, 92,95	88,89,90,91, 93,95	248	168	
		10	(98,99,101, 103)			98,101,103	98,99,101,103	52	159	
		11	(105>108, 117)							
		12	(109,111)			109	109	23	44	



IS 64
PFA No.1
Map No.1

* L1 (1) X : 3385652
Y : 3978194

* L2 (18) X : 3386340
Y : 3976776

* L3 (26) X : 3384635
Y : 3977374

* L4 (36) X : 3383484
Y : 3981169

* L5 (46) X : 3382925
Y : 3976648

* L6 (60) X : 3380229
Y : 3975268

* L8 (75) X : 3026245
Y : 3200677

* L9 (86) X : 3026075
Y : 3200126

* L10 (99) X : 3025322
Y : 3158497

* L11(105) X : 3025133
Y : 3200480

* L12 (109) X : 3024034
Y : 3157778

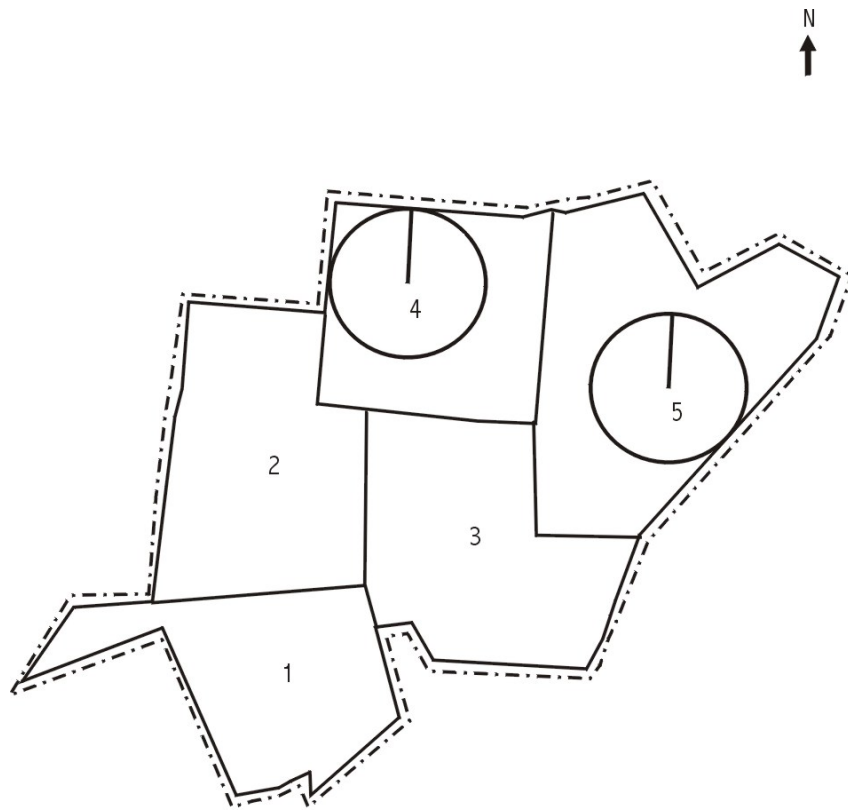
Pest Free Area Sheet
Ismailia (IS) 64, PFA No.02

1. Name of PFA: El-Kantara Shark
2. No. of maps: 8
3. Boundaries:
 - North: Port Said Governorate
 - South: Seuse Governorate
 - East: North Sinai Governorate
 - West: El-Sharkia Governorate
4. Total pest free area (feddan): 4670
 - Total area proposed for potato: 2100
 - Total area proposed for export: 1700
5. Type of soil : Sandy
6. Irrigation system: Drip and Over Head Sprinkler Irrigation System
7. Source of water: Ismailia Canal
8. Rotation system

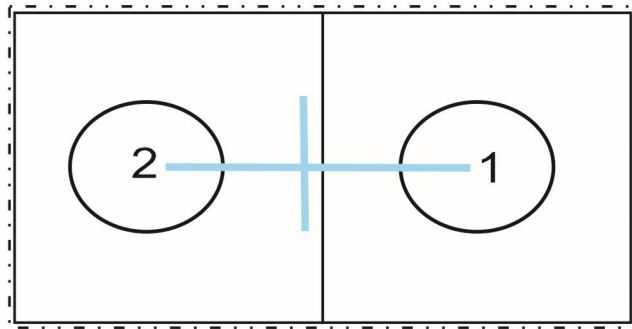
	2016/2017	2017/2018	2018/2019
Summer season:	Vegetables	Maize, Sesame	Maize & others
Winter season:	Broad Bean	Clover, Wheat& Beans	Wheat,& Vegetables
9. No. of basins (pivots): 21 (13)
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested:68 (free)
14. No. of weed samples tested: 225 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 14
19. General remarks:

Codes No. of Ismailia (IS) 64, PFA No.02 (El-Kantara Shark)

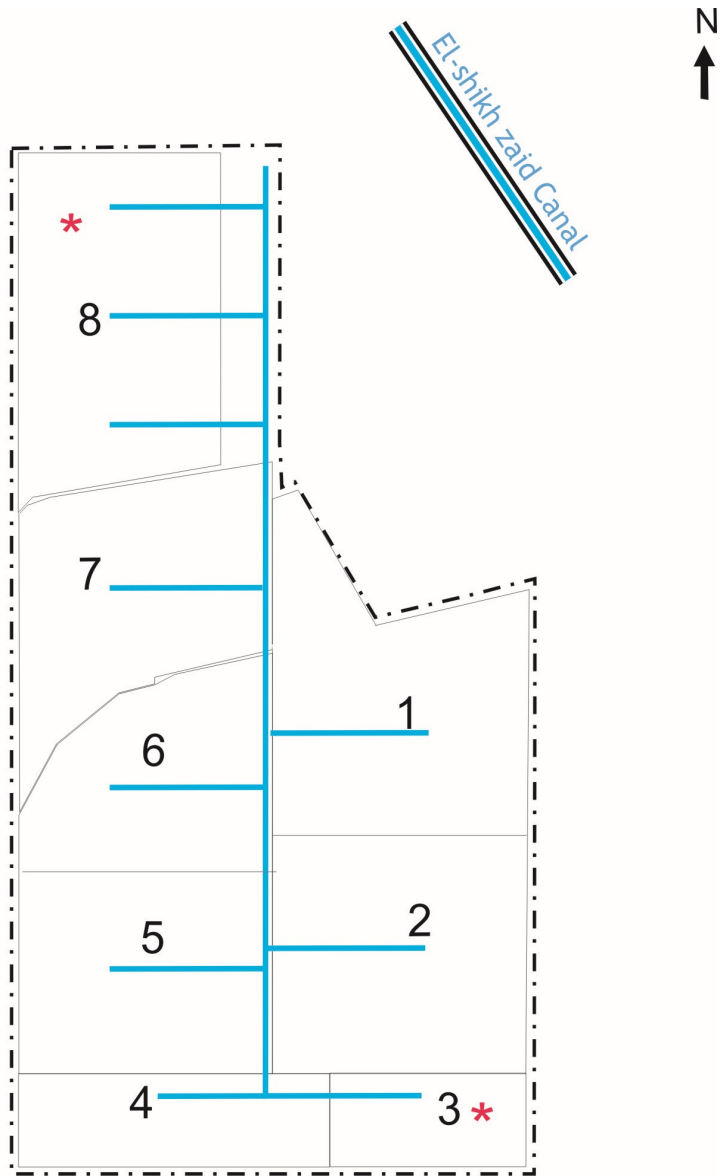
Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 7										
64	02	07	01>03 (04>05)	El-Hoda farm						
Map 9										
64	02	09	(01>02)	Al masria(2)						
Map 10										
64	02	10	01>08	SECAM						
Map 11										
64	02	11	(01>05)	El-Sharkuon						
Map 12										
64	02	12	(01>03, 05)	Vally Farm						
Map 13										
64	02	13	01>06	Salman Group 1						
Map 14										
64	02	14	01>02	Salman Group 2						
Map 15										
64	02	15	01>02	Salman Group 3						



IS 64
PFA No.2
Map No.7



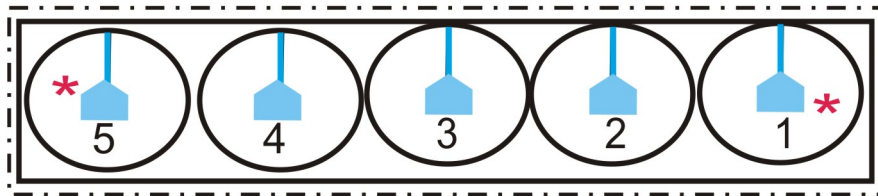
IS 64
PFA No.2
Map No.9



IS 64
PFA No.02
Map No.10

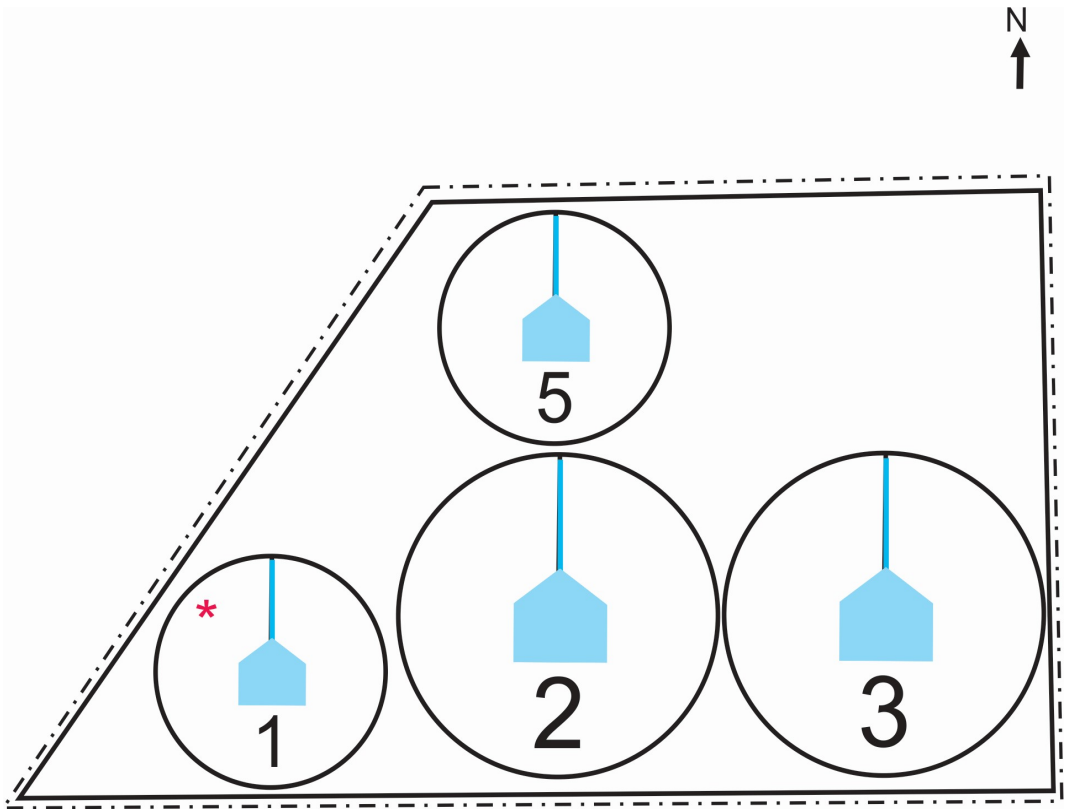
*P(3)E :461186
N : 3340692

*P(8)E : 461983
N : 3339378



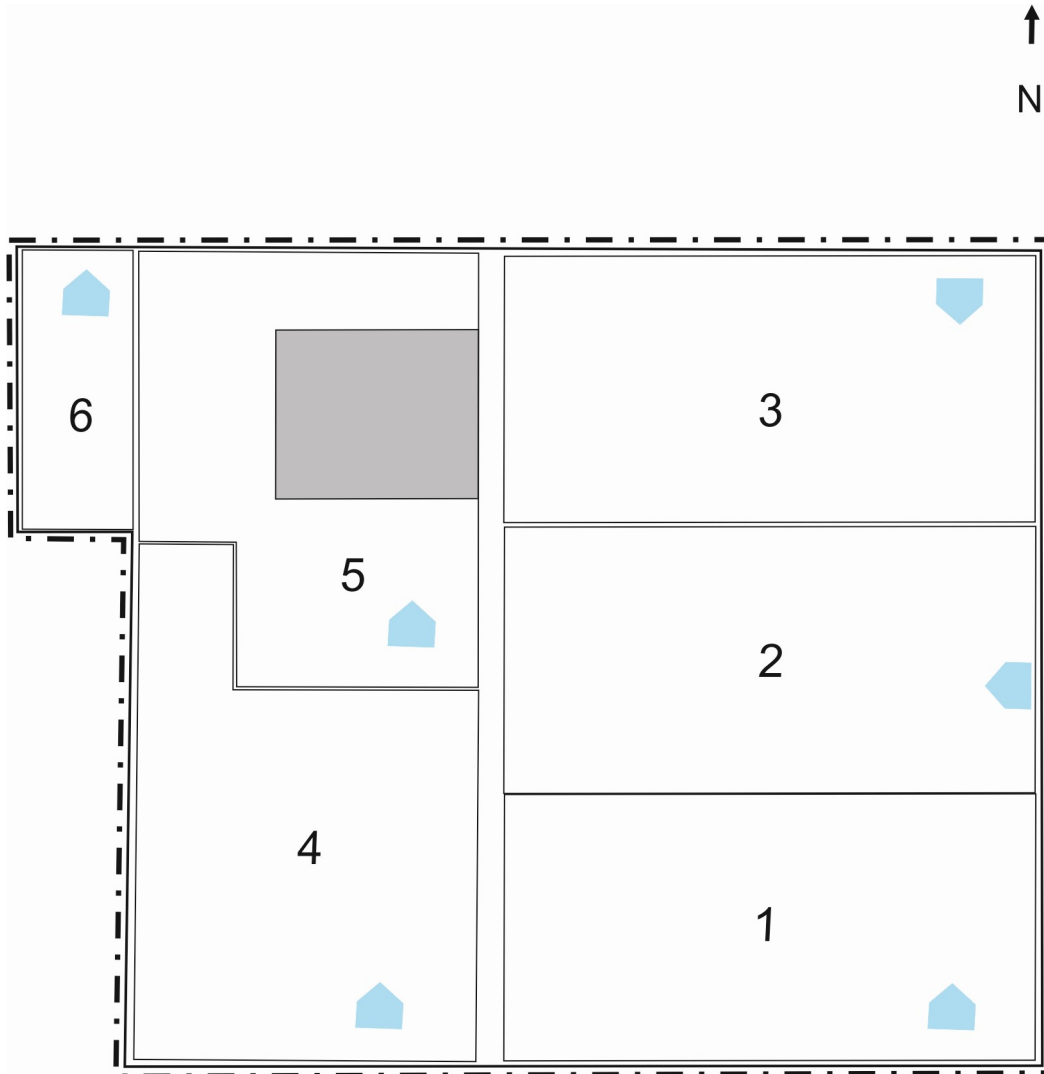
IS 64
PFA No.02
Map No.11

* P(1)E : 456548
N : 3354813
* P(5)E : 454849
N : 3355628

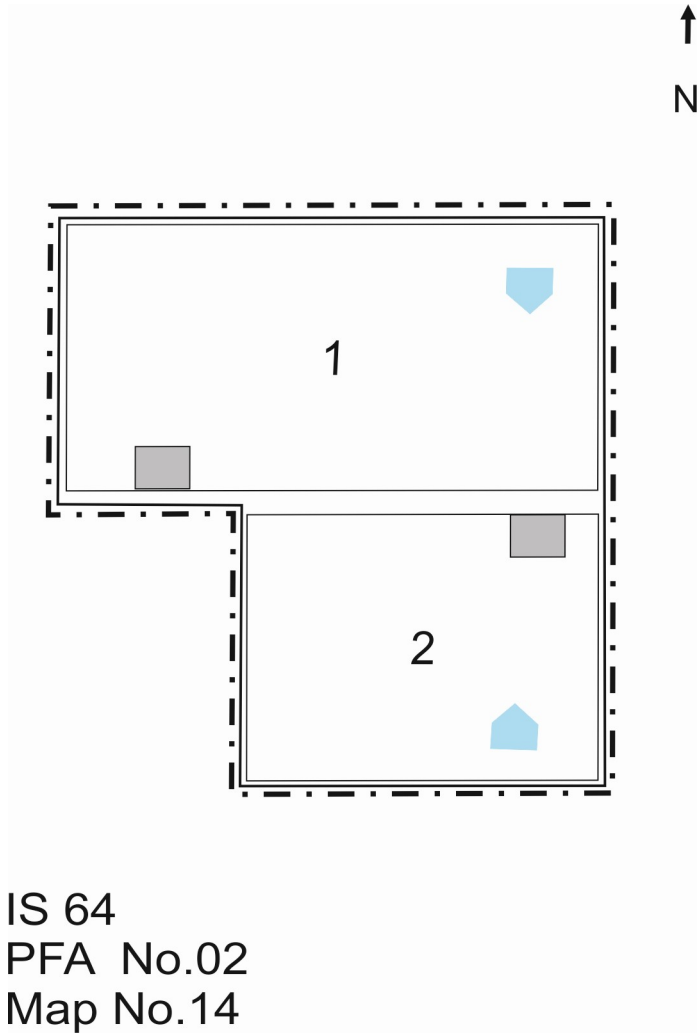


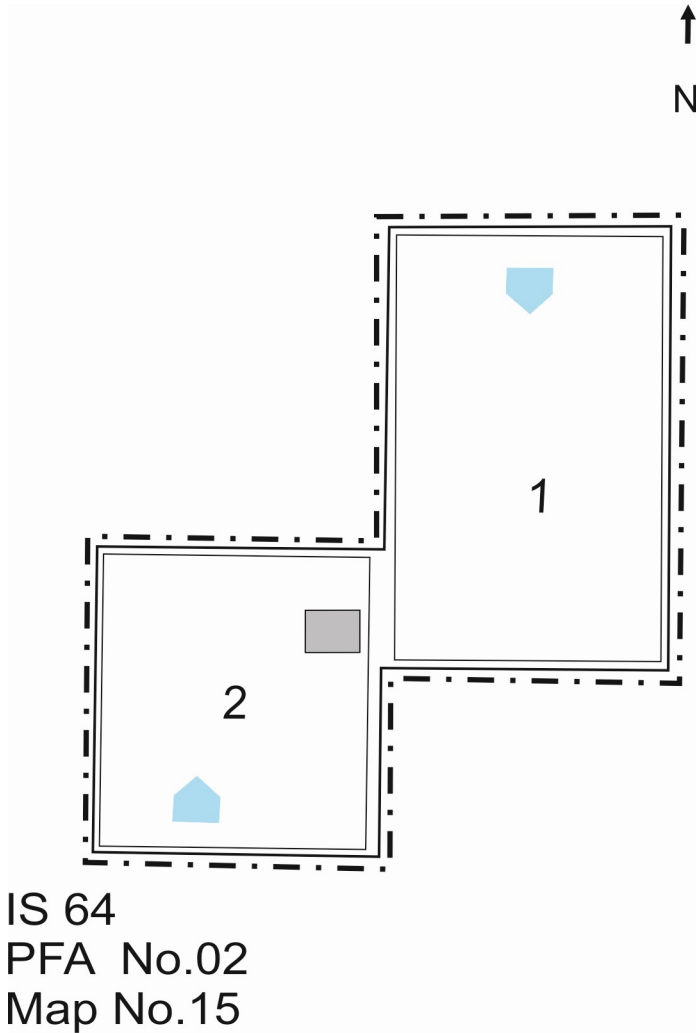
IS 64
PFA No.02
Map No.12

* P(1)E : 465919
N : 3321758



IS 64
PFA No.02
Map No.13





IS 64
PFA No.02
Map No.15

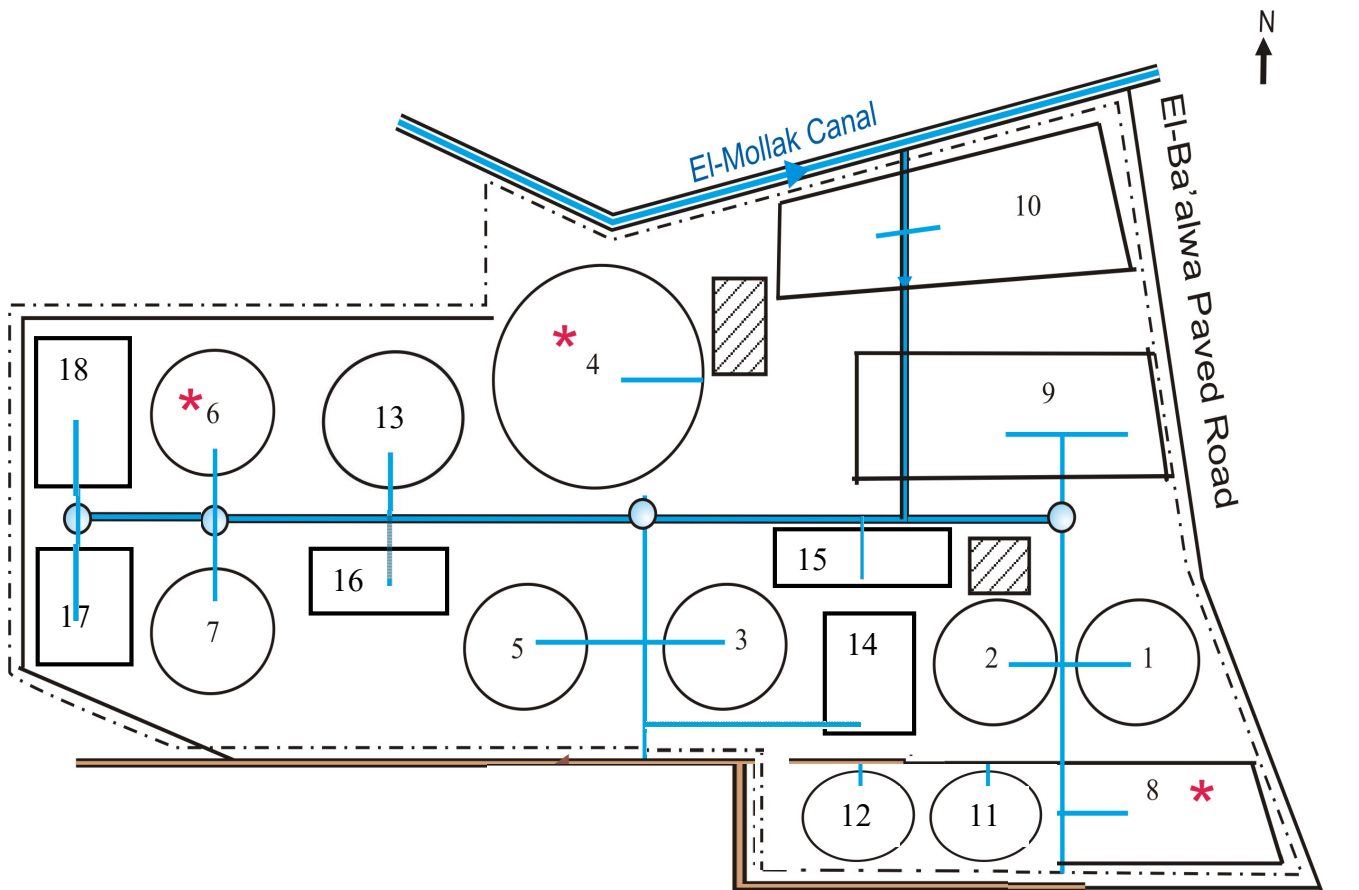
Pest Free Area Sheet
Ismailia (IS) 64, PFA No.03

1. Name of PFA : El-Tal El-Kabeir
2. No. of maps: 13
3. Boundaries:
 - North: Port Said Governorate
 - South: Seuse Governorate
 - East : North Sinai Governorate
 - West : El-Sharkia Governorate
4. Total pest free area (feddan): 5699
 - Total area proposed for potato: 4548
 - Total area proposed for export: 4548
5. Type of soil : Sandy
6. Irrigation system: Drip Irrigation System
7. Source of water: Ismailia Canal
8. Rotation system :

	2016/2017	2017/2018	2018/2019
Summer season:	Cucurbits	Peanut & Potato	Maize, Potato & others
Winter season:	Barle, Potato	Potato & Wheat	Potato, Wheat & others
9. No. of basins (pivots) : 13 (44)
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested : 73 (free)
14. No. of weed samples tested : 132 (free)
15. No. of potato samples visually inspected : 256 free
16. No. of basins (pivots) visually inspected : 4(12) free
17. No. of potato samples tested by IF for export : 256 free
18. No. of growers : 11
19. General remarks :

Codes No. of Ismailia (IS) 64, PFA No.03 (El-Tal El-Kabeir)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 9											
64	03	09	(01>07), 08>10, (11>13), 14>18	Wadi El-Mollak			01,02,03,04, 05,06,07,09, 11,13,14,15, 16,17	02,03,04, 07,11,12, 15,16,17, 18	178	170	
Map10											
64	03	10	(01>02)	Al masria(1)			01		2		
Map11											
64	03	11	01,02	Hammad			02		1		
Map13											
64	03	13	(01),02	M.M El-Handsea							
Map 14											
64	03	14	(01>03)	Grand Group2							
Map 15											
64	03	15	(01>02)	EL Gamal EL Dawlya			01		3		
Map 16											
64	03	16	(01>04)	Awad				01,04		32	
Map 17											
64	03	17	(01>15)	EL Kenana							
Map 18								03,07,11		45	
64	03	18	(01)	EL Gamal Groupe 2							
Map 19											
64	03	19	(01>02)	EL Farok							
Map 20											
64	03	20	01>02	EL Hady							
Map 21											
64	03	21	(72>73)	EL Magd 3				72		9	
Map 22											
64	03	22	(04>05)	EL Magd 4							

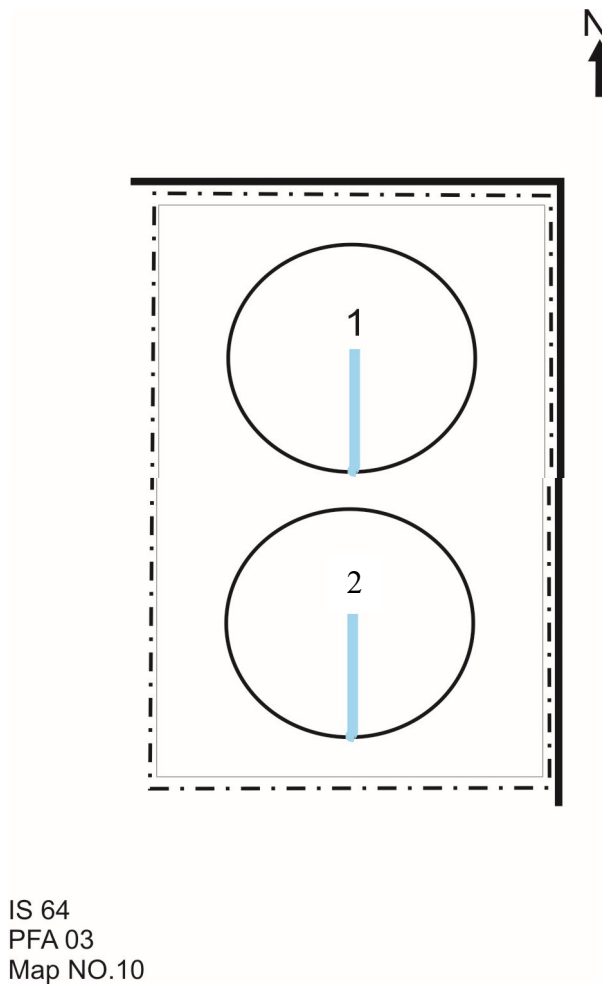


IS 64
PFA No.3
Map No.9

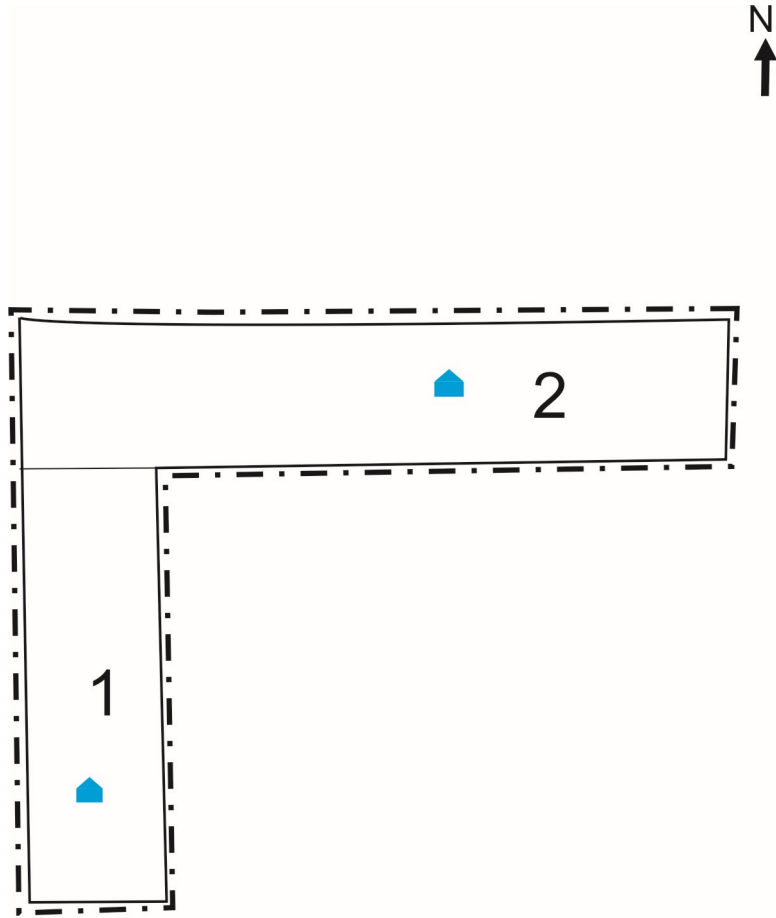
*B(8) X : 3965751
Y : 3380169

*P(4) X : 3966950
Y : 3380273

*B(6) X : 3967972
Y : 3379609

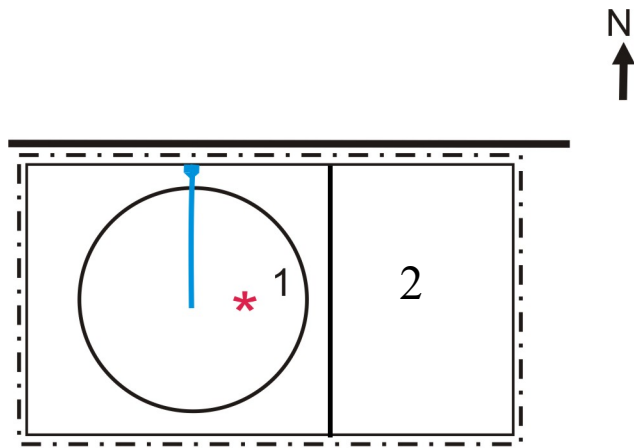


IS 64
PFA 03
Map NO.10



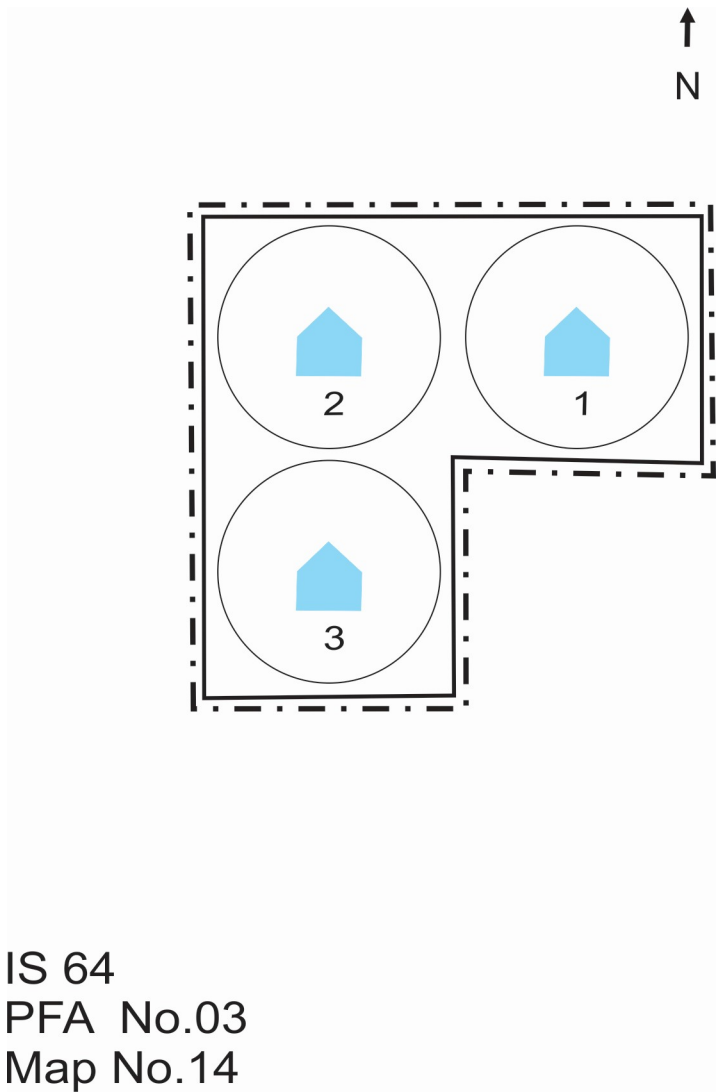
IS 64
PFA 03
Map NO.11

*X:3034499
Y:3008370

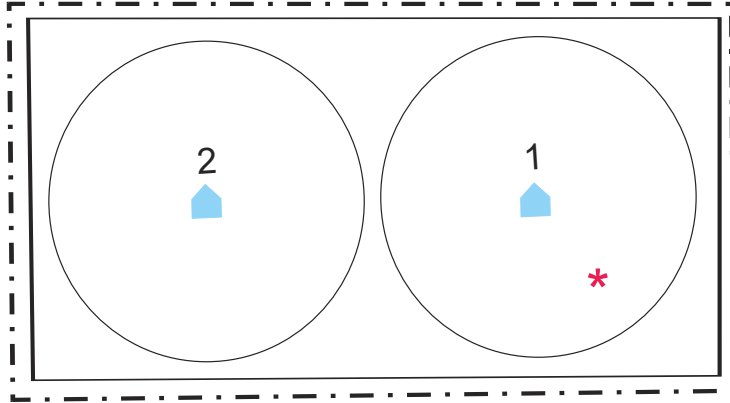


IS 64
PFA No.03
Map No.13

*P(1) E:392100
N:3367137

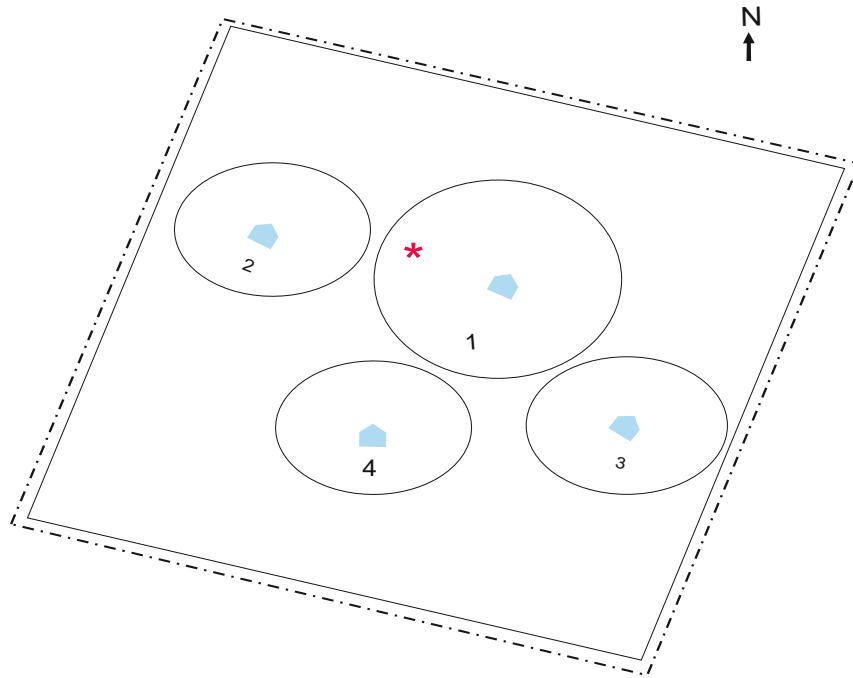


IS 64
PFA No.03
Map No.14



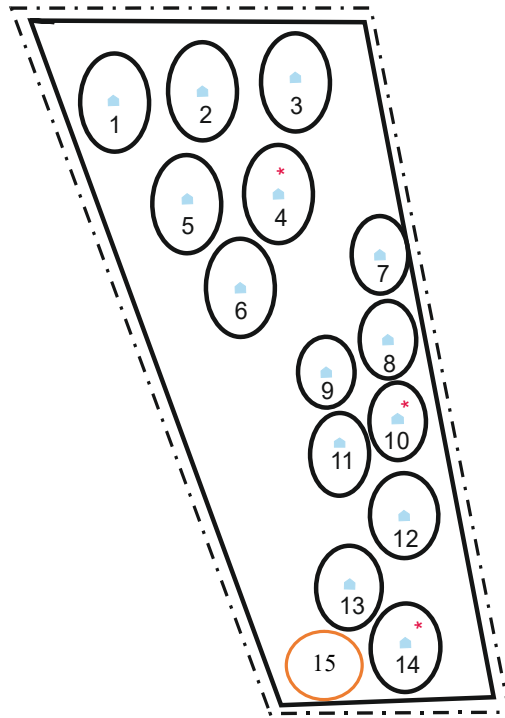
IS 64
PFA No.03
Map No.15

* P (1)E : 3025579
N : 3 1 4 2 3 2 4



IS 64
PFA No.03
Map No.16

* P(1) E : 315311
N : 302800

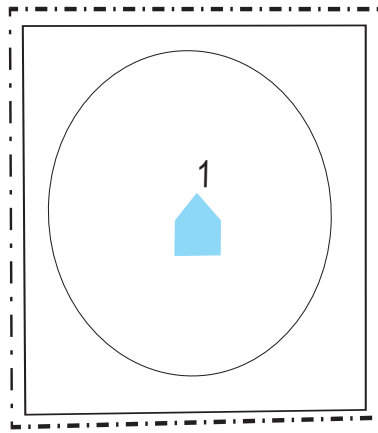


IS 64
PFA No.03
Map No.17

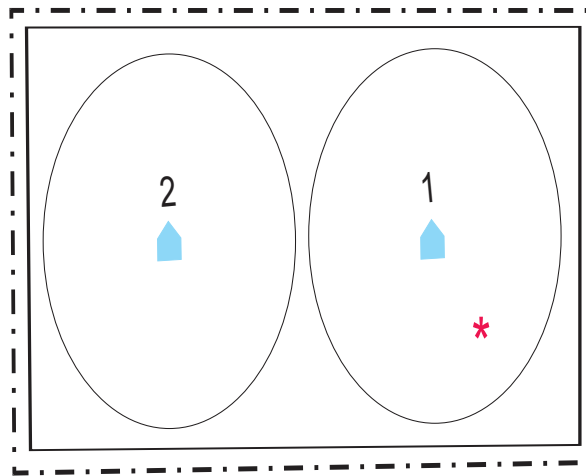
* P(4)E : 3191115
N : 304640

* P(10)E : 304463
N : 319232

* P(14)E : 3192651
N : 3042561

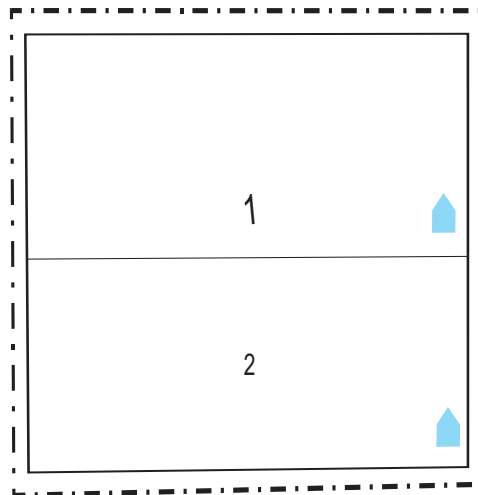


IS 64
PFA No.03
Map No.18



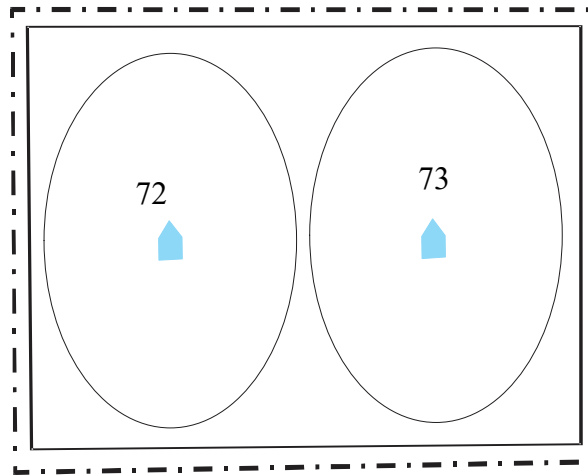
IS 64
PFA No.03
Map No.19

* P(1)E : 3169673
N : 3043527

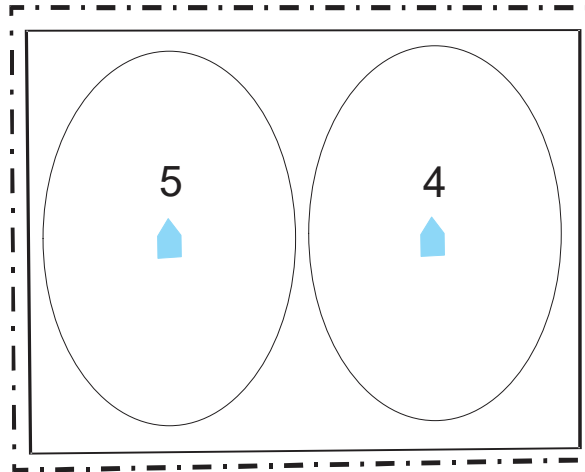


IS 64
PFA No.03
Map No.20

E :3152163
N :3025363



IS 64
PFA No.03
Map No.21



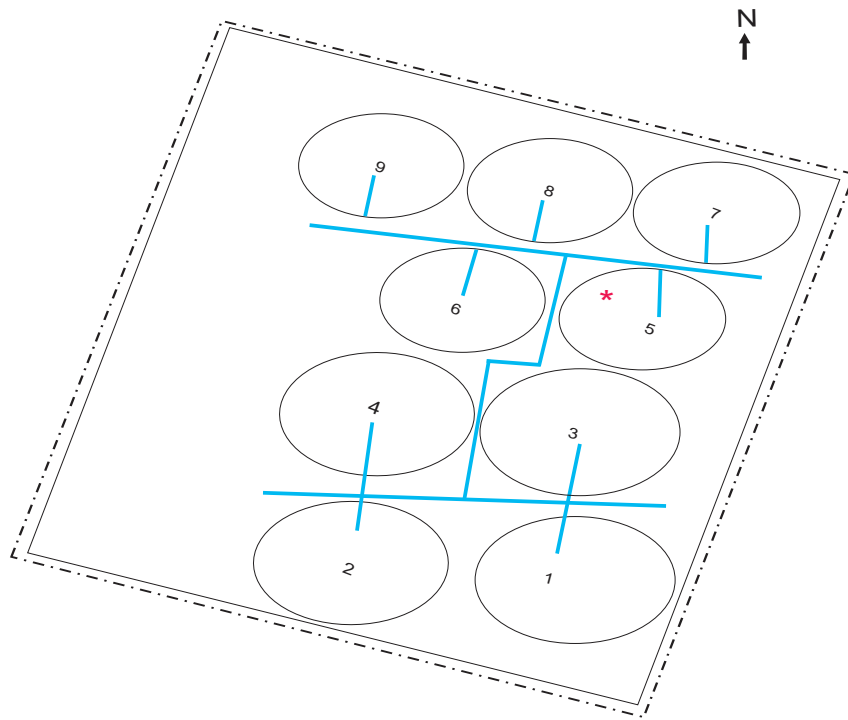
IS 64
PFA No.03
Map No.22

Ismailia (IS) 64, PFA No.04

1. Name of PFA : *Ismailia*
2. No. of maps : 9
3. Boundaries:
 - North: EL- Kantara Gharb
 - South: Fayed
 - East : EL- Kantara Shark
 - West : El-Tal EL-Kabeir
4. Total Pest Free Area (feddan): 8951
 - Total area proposed for potato: 8929
 - Total area proposed for export: 8929
5. Type of soil : Sandy
6. Irrigation system: Over Head Sprinkler Irrigation System.
7. Source of water: Pipelines from Ismailia Canal
8. Rotation system: New Reclamated Area
9. No. of basins (pivots): (95)
10. Code No. of infection inside PFA and date of discovery: No
11. Is infection present upstream when surface water is used:
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested : 145 (free)
14. No. of weed samples tested : 96 (free)
15. No. of potato samples visually inspected : 512 (Free)
16. No. of basins (pivots) visually inspected : (32) (Free)
17. No. of potato samples tested by IF for export : 663 (Free)
18. No. of growers : 9
19. General remarks:

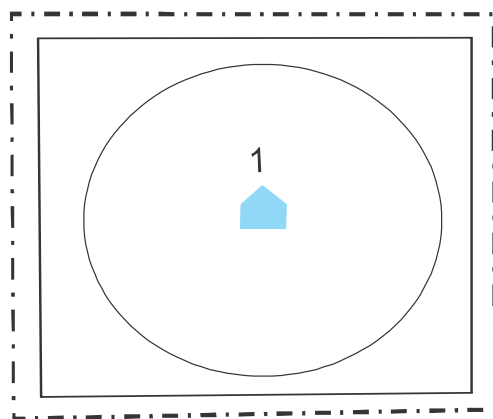
Codes No. of Ismailia (IS) 64, PFA No.04 (Ismailia)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 2											
64	04	02	(01 >09)	Egast 2			01,02,03, 04,05,06, 07,08,09	01,02,03, 04,05,06, 07,08,09	229	309	
Map 3											
64	04	03	(01)	Green Egast							
Map 4											
64	04	04	(01 >24)	EL Alamia 1			13	01,04,06, 07,08,12, 13,16,19, 20,21	5	174	
Map 5											
64	04	05	(01 >06)	EL Alamia 2			04,05	01,04,05	10	12	
Map 6											
64	04	06	(02 >10)	Green Egast 2			02,05,06, 08	02,04,05, 08,09,10	48	107	
Map 7											
64	04	07	(01>12)	EL Asdeqaa				08		6	
Map 8											
64	04	08	(01>02, 04>08)	EL Alamia 5				02,04		55	
Map 9											
64	04	09	(10,11,14>36)	EL - Amira							
Map 10											
64	04	10	(31,33>36)	EL Alamia 6							

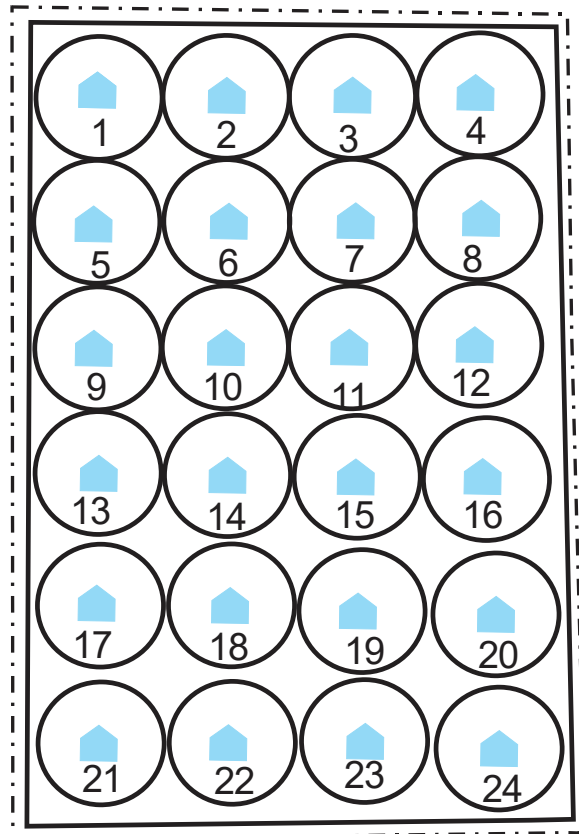


IS 64
PFA No.04
Map No.02

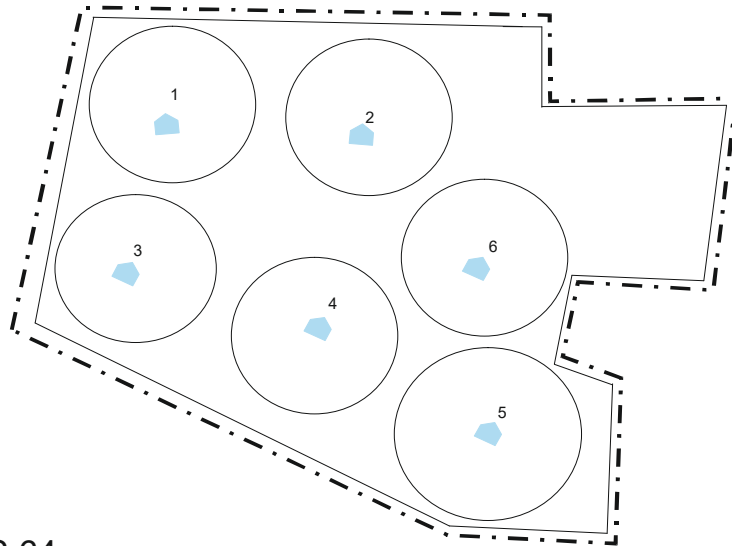
* E 5 : 321342
N : 302735



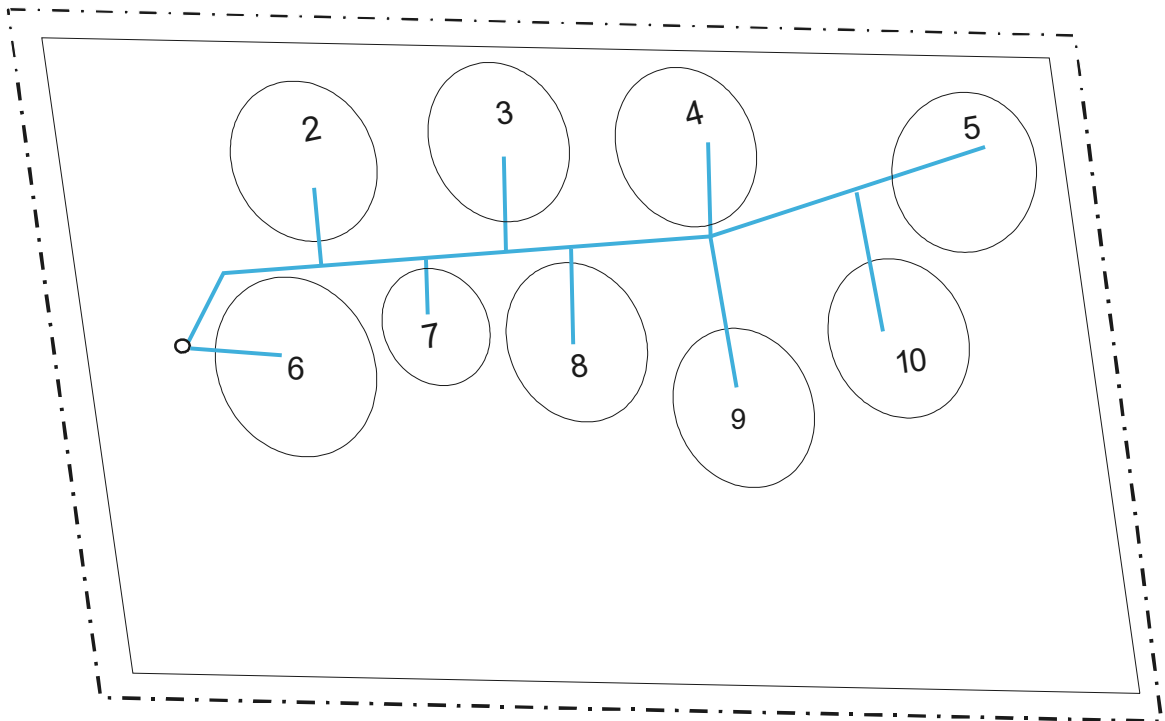
IS 64
PFA No.04
Map No.03



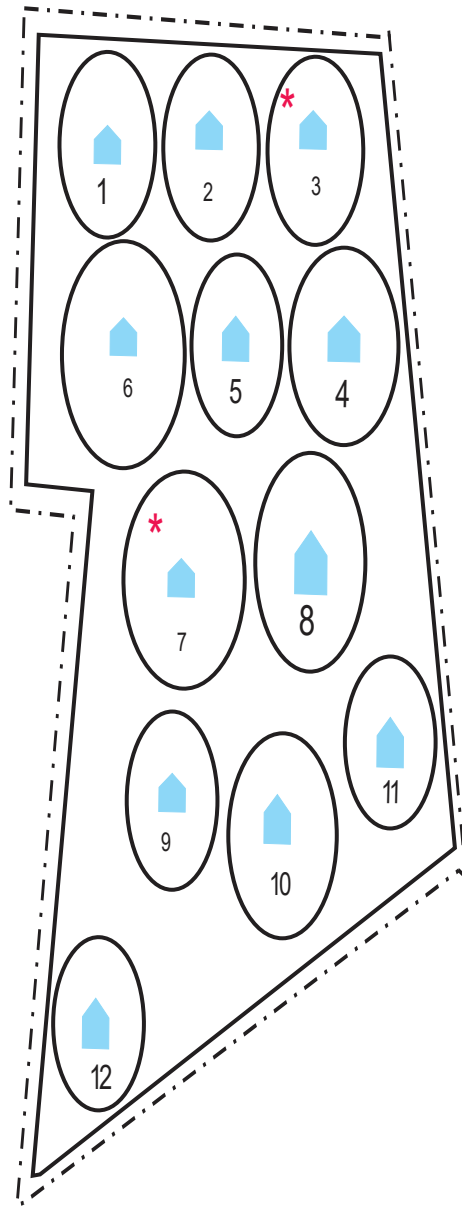
IS 64
PFA No.04
Map No.04



IS 64
PFA No.04
Map No.05

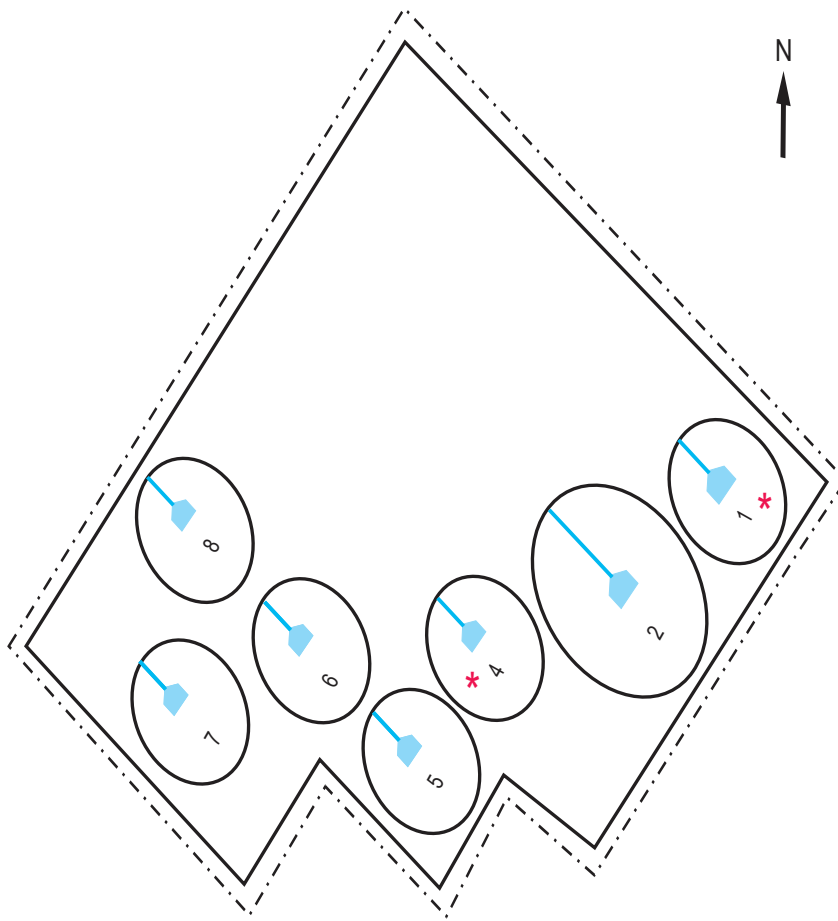


IS 64
PFA No.04
Map No.06



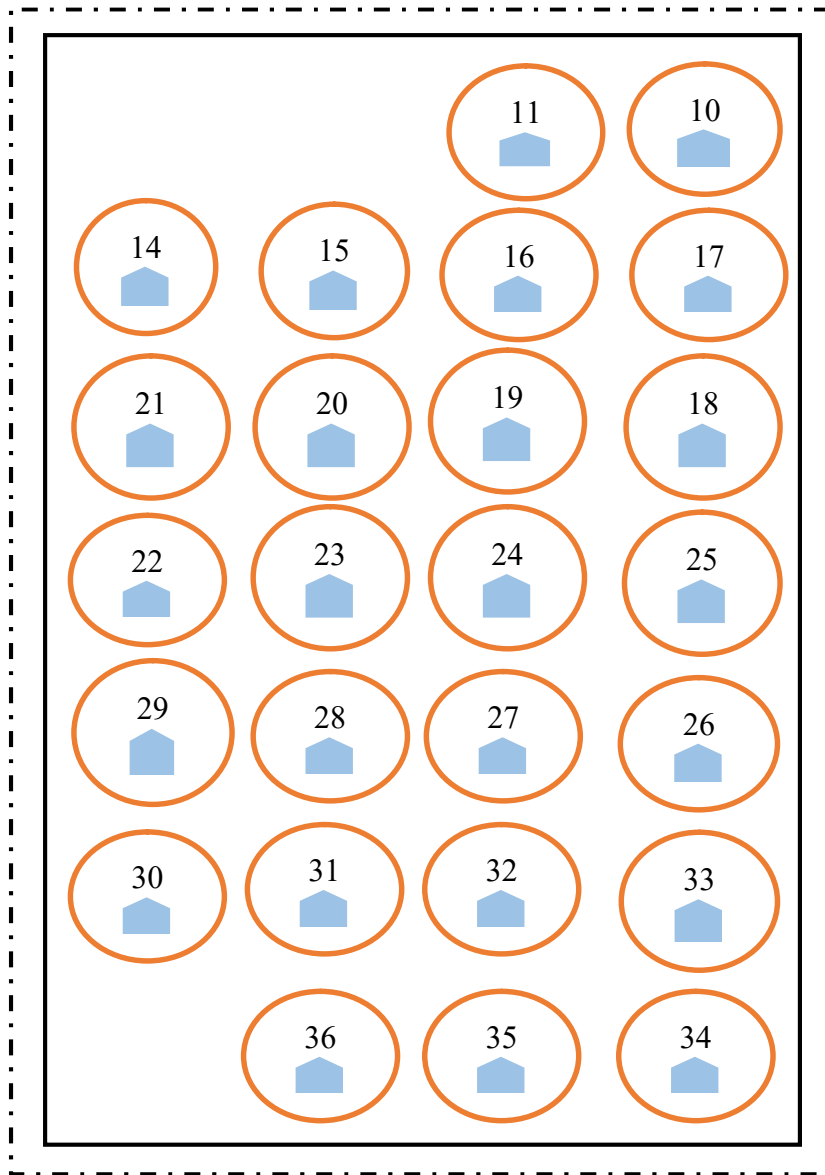
IS 64
PFA No. 04
Map No. 07

* P(3)E : 321511
N : 302253
* P(7)E : 321421
N : 302214

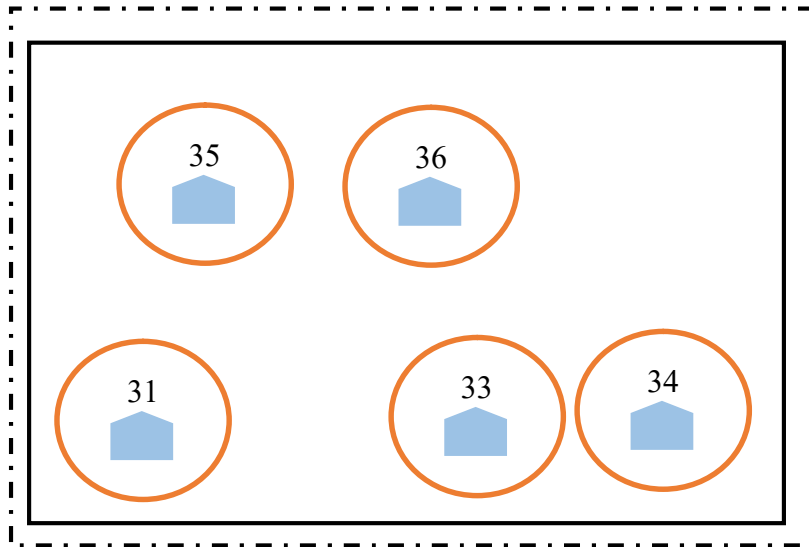


IS 64
 PFA No.04
 Map No.08

* P(1)E : 3226955
 N : 3037754
 *P(4)E : 3225620
 N : 3038530



IS 64
PFA No.04
Map No. 09



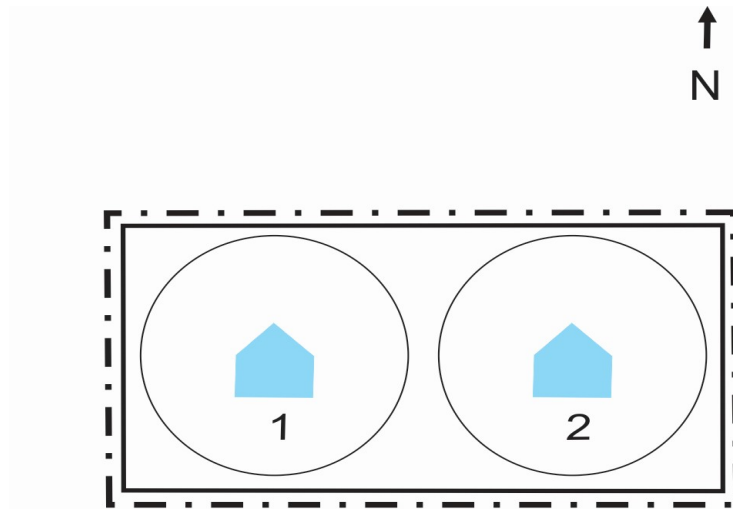
IS 64
PFA No.04
Map No. 10

Pest Free Area Sheet
Ismailia (IS) 64, PFA No.06

1. Name of PFA: Fayed
2. No. of maps: 1
3. Boundaries:
 - North: El-Kantara Gharb
 - South: Fayed
 - East :El-Kantara Shark
 - West : El-Tal El-Kabeir
4. Total Pest Free Area (feddan): 200
 - Total area proposed for potato: 200
 - Total area proposed for export: 200
5. Type of soil : Sandy
6. Irrigation system: Drip, overhead sprinkler and pivotIrrigation System
7. Source of water: wells
8. Rotation system:new reclmated area
9. No. of basins (pivots):(2)
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested: 4 free
14. No. of weed samples tested: 8 free
15. No. of potato samples visually inspected: 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 1
19. General remarks:

Codes No. of Ismailia(IS) 64, PFA No.06 (Fayed)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2018	2018	2019
Map 1										
64	06	01	(01>02)	Grand Group1						



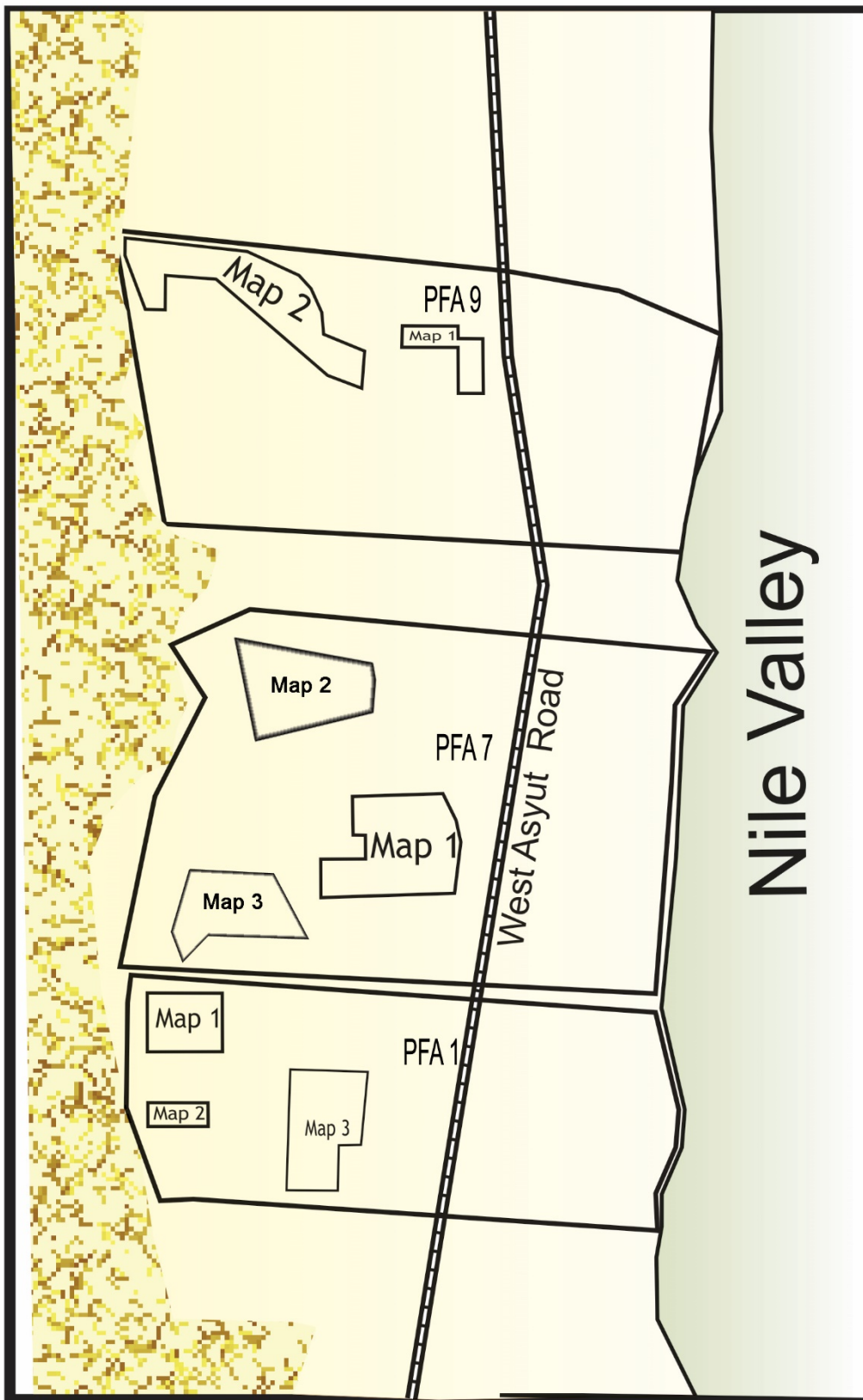
IS 64
PFA No.06
Map No.01



PEST FREE AREA

MIN (86)

2019/2020



General Map
Minya 86

General data of the PFAs at Minya (MIN) 86

PFA	Total Pest Free areas (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2017/2018			Export to EU (tons) 2018/2019 Export	Proposed For 2019/2020	
		Total	Export		No of samples	No of basins (Pivots)	No of samples		No of basins (Pivots)		No of water samples	No of weed samples
							Total	Export				
PFA 01	2500	2000	1500	(19)	0	0	0	0	0	0	38	43
PFA 07	2177	2000	1500	3(18)	0	0	0	0	0	0	42	34
PFA 09	4275	1500	1000	(28)	0	0	0	0	0	0	56	31
Total	8952	5500	4000	3(65)	0	0	0	0	0	0	136	108

Pest Free Area Sheet
Minya (MIN) 86, PFA No.01

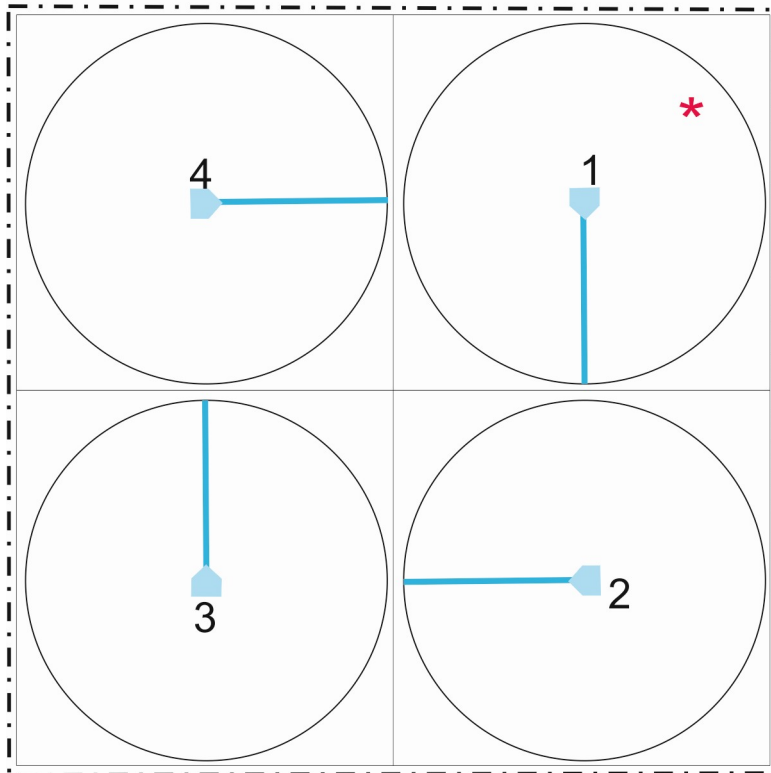
1. Name of PFA: Abu Qirqas
2. No. of maps: 3
3. Boundaries:
 - North: Status Minya
 - South: Status Matai
 - East : East Desert
 - West : Bahariya Oasis Governorate
4. Total Pest Free Area (feddan): 2500
 - Total area proposed for potato:2000
 - Total area proposed for export: 1500
5. Type of soil : Sandy
6. Irrigation system: Drip and Over Head Sprinkler Irrigation System
7. Source of water: Wells
8. Rotation system:

	2016/2017	2017/2018	2018/2019
Summer season:	Maize & others	Maize, Peanut	Peanut, Melon& Potato
Winter season:	Potato & Vegetables	Wheat, Clover and Potato	Wheat, Beans & Potato
9. No. of basins (pivots): (19)
10. Code No. of infection inside PFA and date of discovery: None
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested: 38 (free)
14. No. of weed samples tested: 43 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 3
19. General remarks:

Codes No. of Minya (MIN) 86, PFA No.01 (: Abu Qirgas)

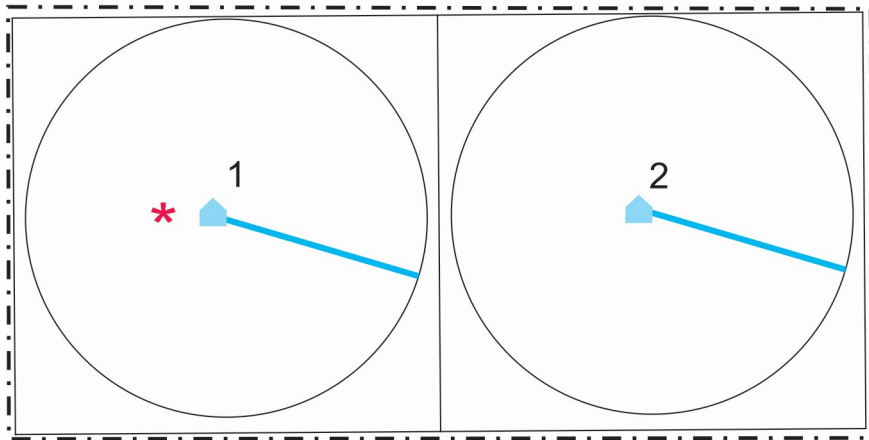
Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 01										
86	01	01	(01>04)	El-Ofoq						
Map 02										
86	01	02	(01>02)	Green Gold						
Map 03										
86	01	03	(01>13)	El- Minya						

N
↑



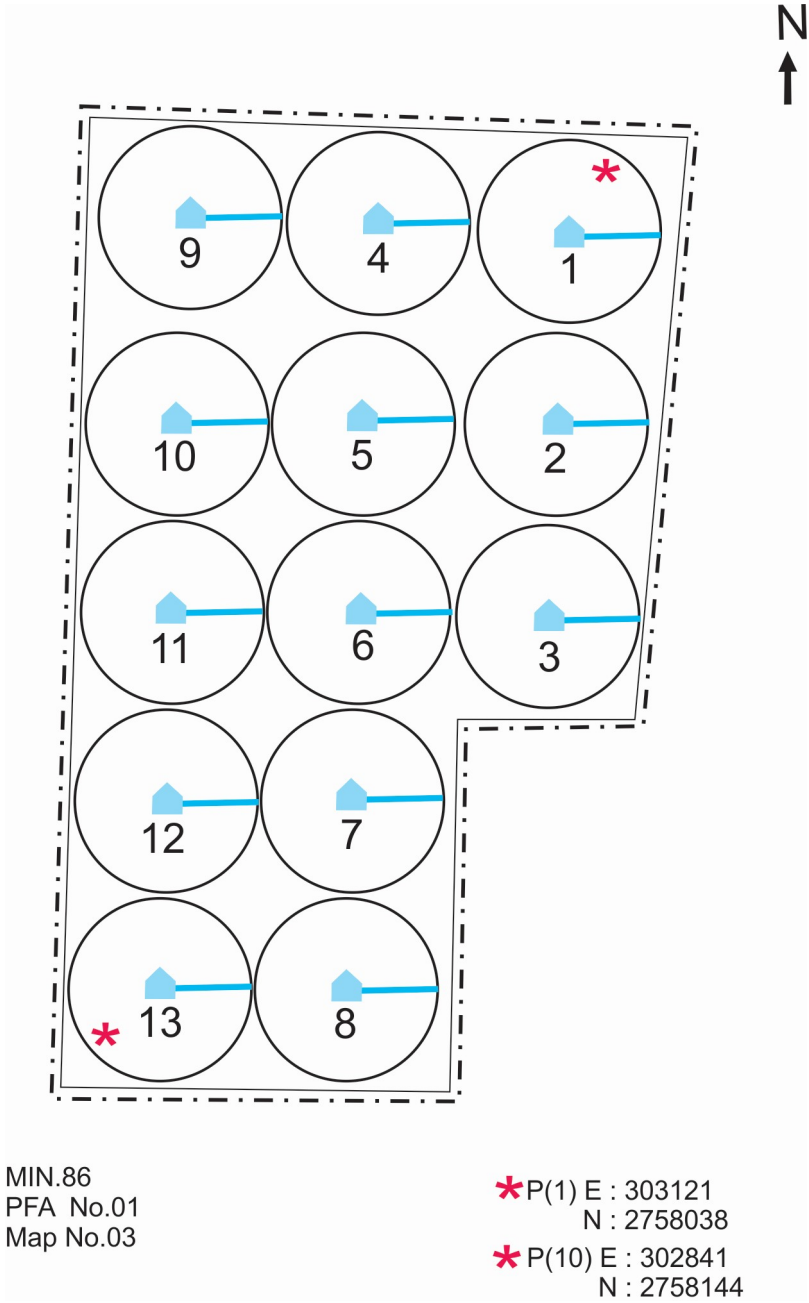
MIN.86
PFA No.01
Map No.01

*P(1) E : 254702
N : 3098568



MIN.86
PFA No.01
Map No.02

*P(1) E : 248162
N : 3103897

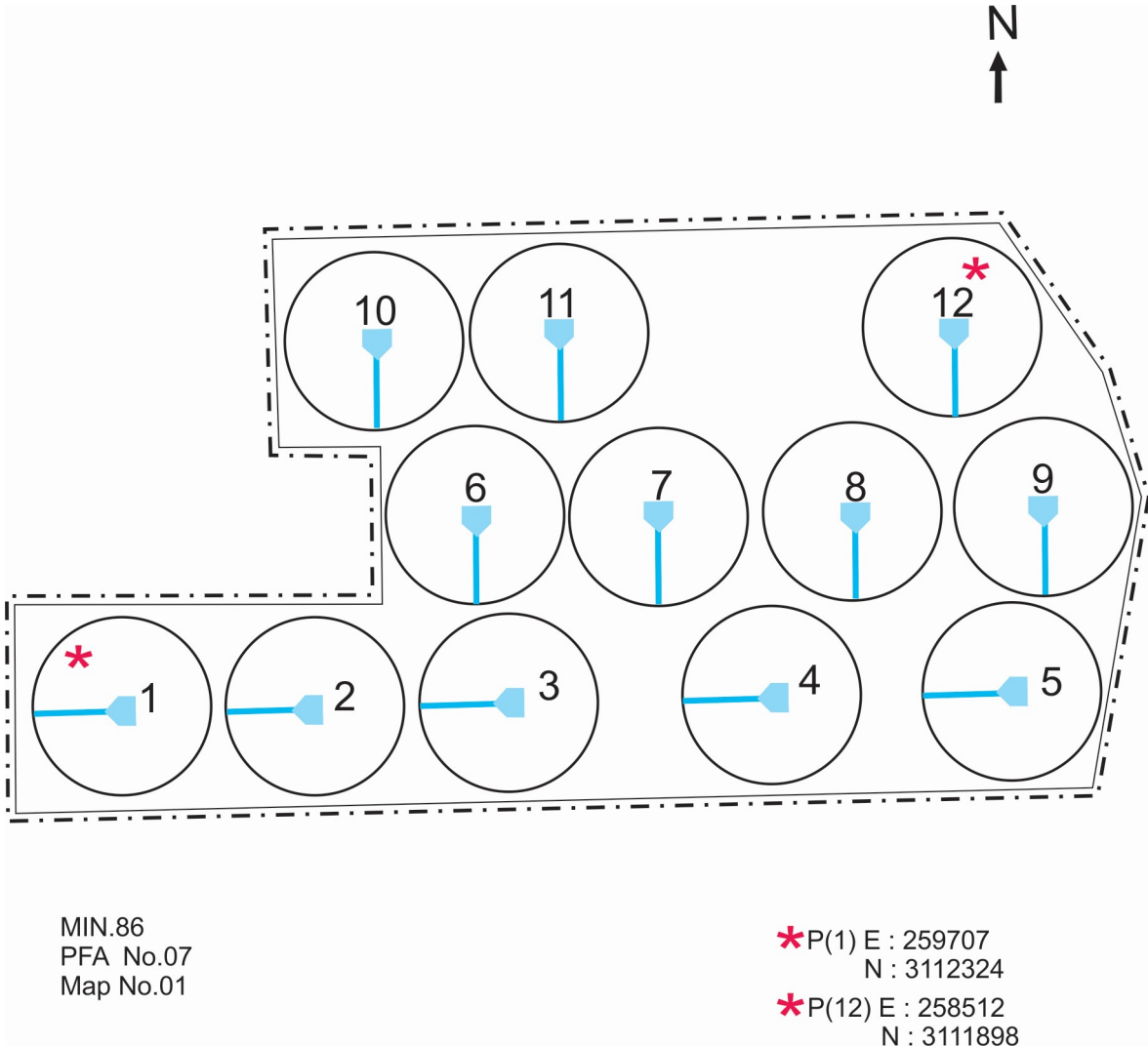


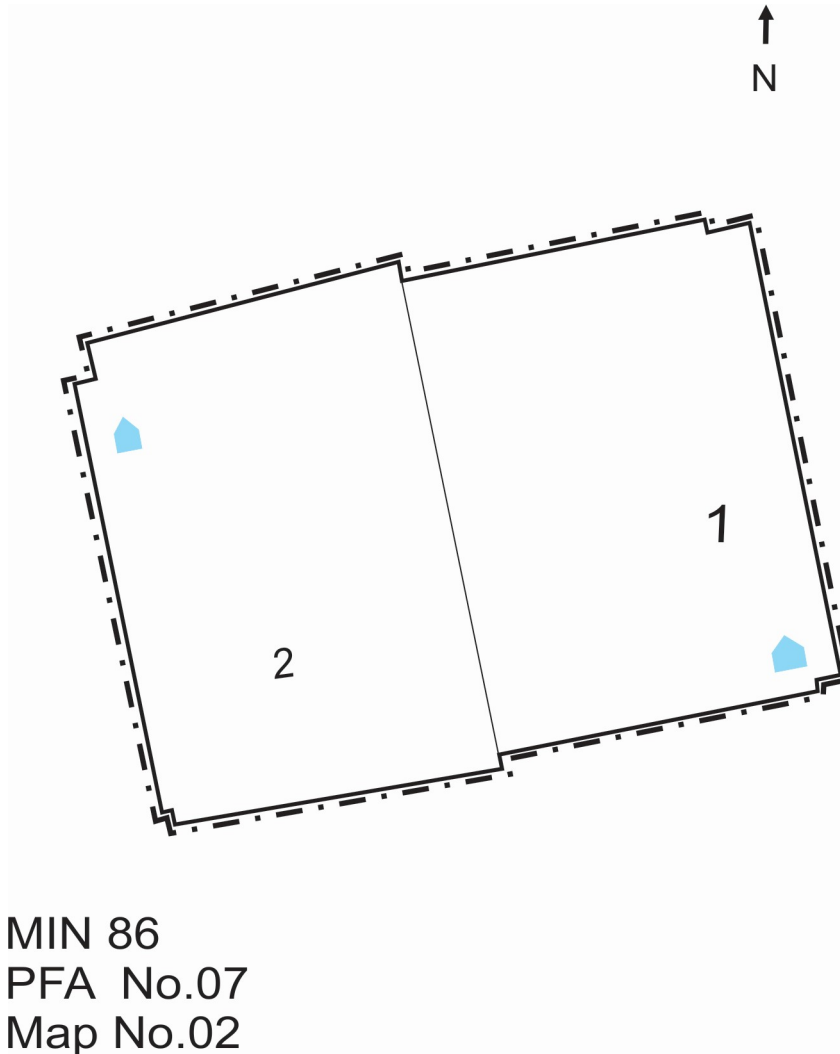
Pest Free Area Sheet
Minya (MIN) 86, PFA No.07

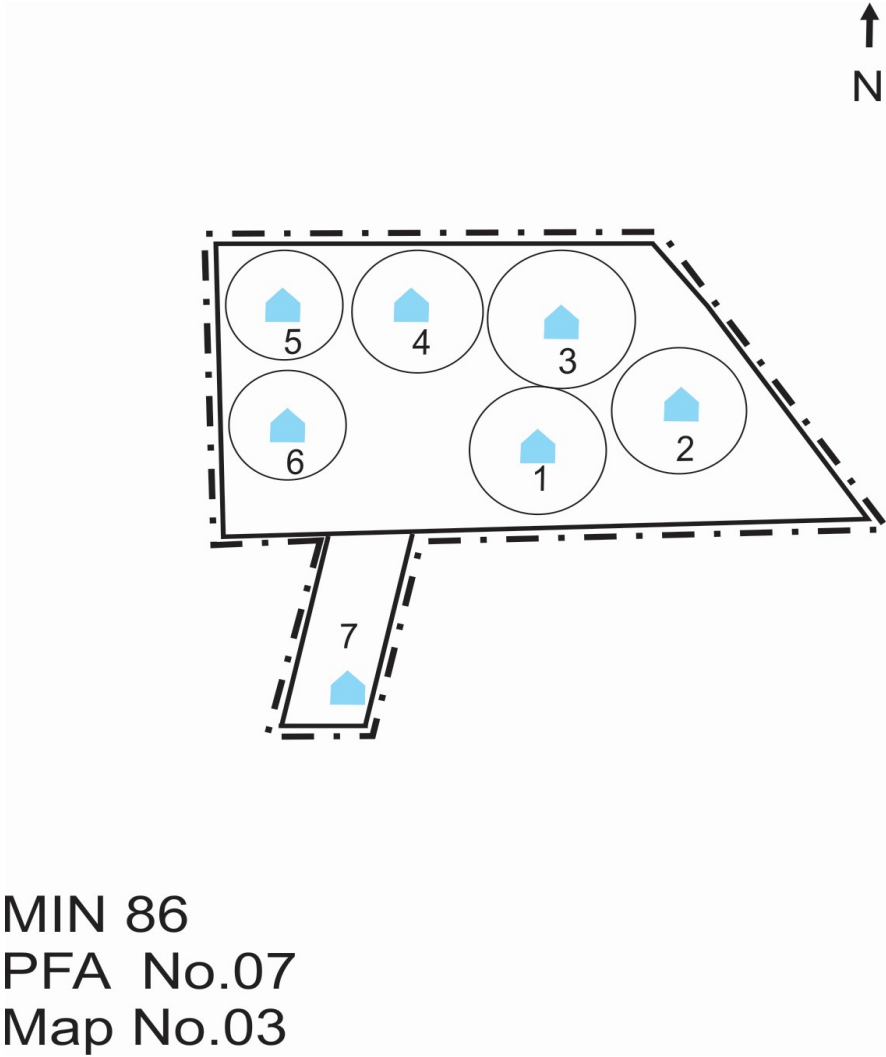
1. Name of PFA: El-Minya
2. No. of maps: 3
3. Boundaries:
 - North: Status Samalut
 - South: Status Abu Qirqas
 - East : East Desert
 - West : Bahariya Oasis Governorate
4. Total Pest Free Area (feddan): 2177
 - Total area proposed for potato: 2000
 - Total area proposed for export: 1500
5. Type of soil : Sandy
6. Irrigation system: Drip and Over Head Sprinkler Irrigation System
7. Source of water: Wells
 - Rotation system : New Reclamated Area
- 8.
9. No. of basins (pivots): 3 (18)
10. Code No. of infection inside PFA and date of discovery: None
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested: 42 (free)
14. No. of weed samples tested: 34 (free)
15. No. of potato samples visually inspected : 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for Export: 0
18. No. of growers: 3
19. General remarks:

Codes No. of Minya (MIN) 86, PFA No.07 (El-Minya)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 01										
86	07	01	(01>12)	El-Minya 2						
Map 02										
86	07	02	01>02	Elama						
Map 03										
86	07	03	(01>06), 07	Arafa						







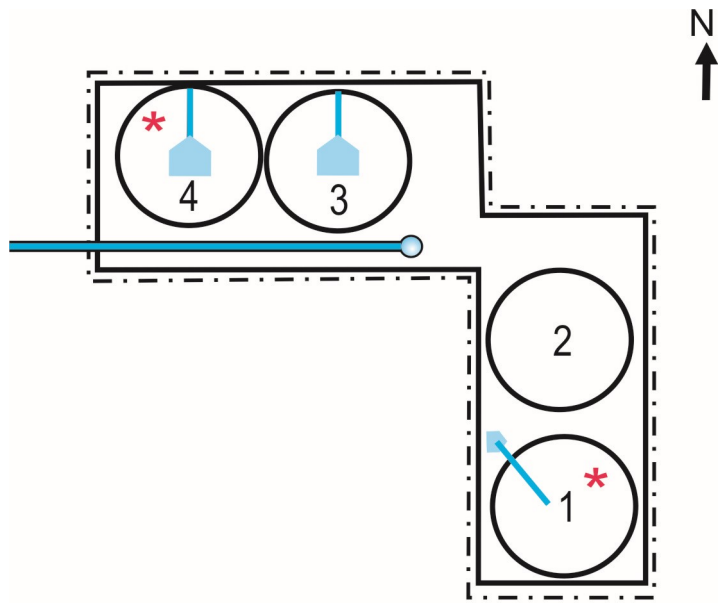
MIN 86
PFA No.07
Map No.03

Pest Free Area Sheet
Minya (MIN) 86, PFA No.09

1. Name of PFA: Samalut
2. No. of maps: 2
3. Boundaries:
 - North: Beni suef Governorate
 - South: Asyut Governorate
 - East: East Desert
 - West: Bahariya Oasis Governorate
4. Total Pest Free Area (feddan): 4275
 - Total area proposed for potato: 1500
 - Total area proposed for export: 1000
5. Type of soil : Sandy
6. Irrigation system: Drip and Over Head Sprinkler Irrigation System
7. Source of water: Wells
 - Rotation system: New Reclamated Area
- 8.
9. No. of basins (pivots): (28)
10. Code No. of infection inside PFA and date of discovery: None
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested: 56 (free)
14. No. of weed samples tested: 31 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 2
19. General remarks:

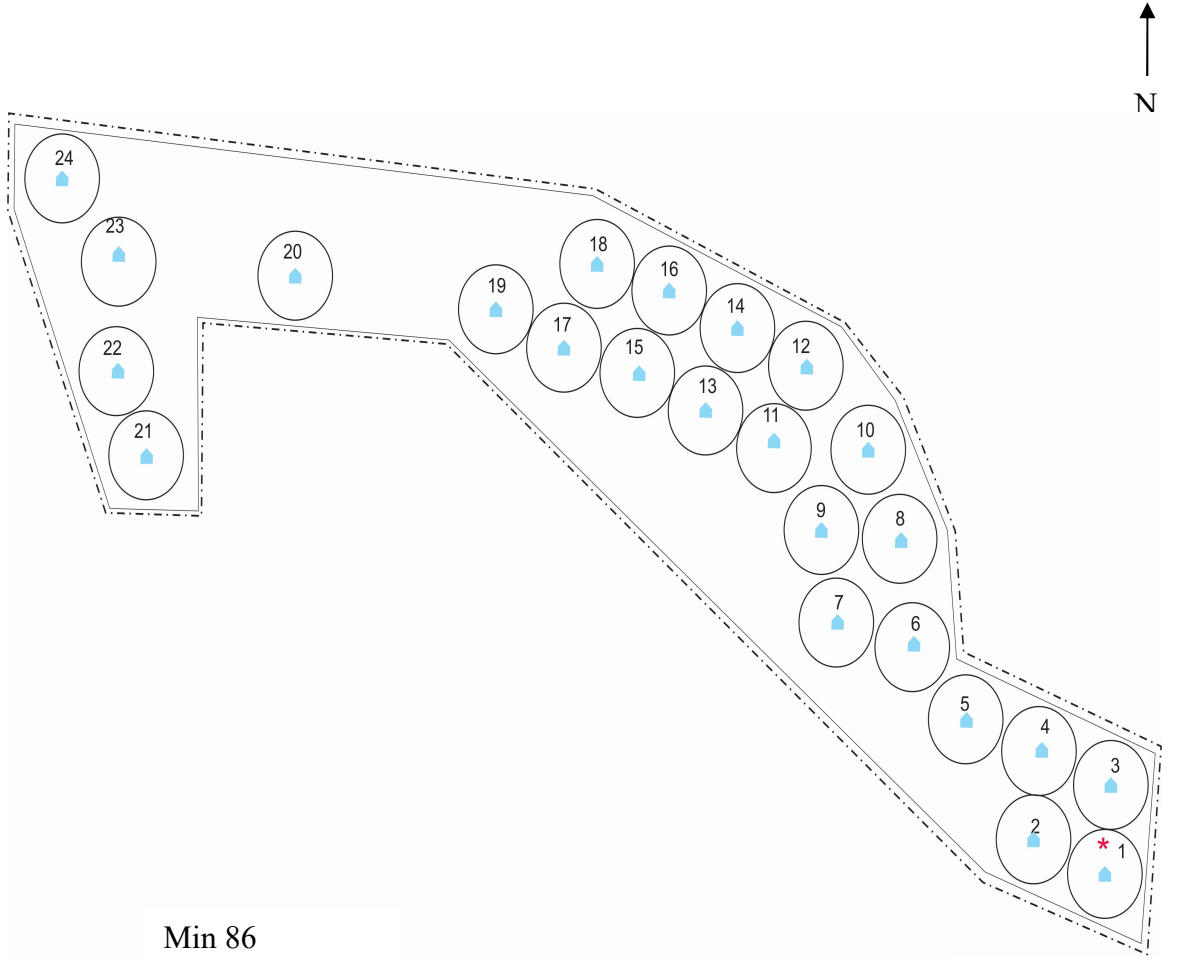
Codes No. of Minya (MIN) 86, PFA No.09 (Samalut)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 1										
86	09	01	(01>04)	El-Minya						
Map 2										
86	09	02	(01>24)	Degreevia						



MIN 86
PFA No.09
Map No.1

*P(1) E : 280504
N : 3035276
*P(4) E : 280530
N : 3036055



Min 86
PFA No.09
Map No.02

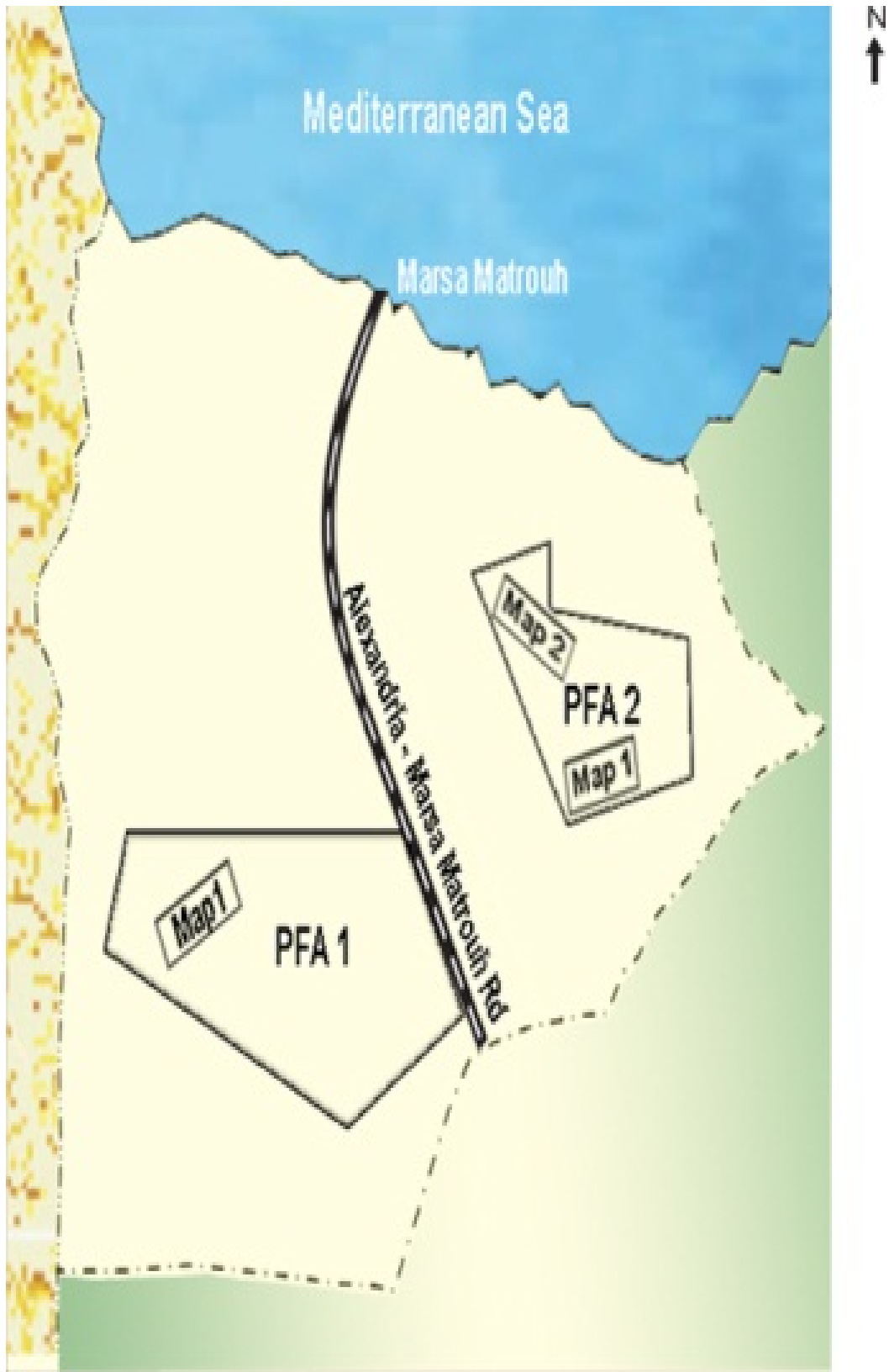
* P(1) E:254702
N:3098568



PEST FREE AREA

MM (46)

2019/2020



**General Map
Marsa Matrouh**

General data of the PFAs at Marsa Mattrouh (MM) 46

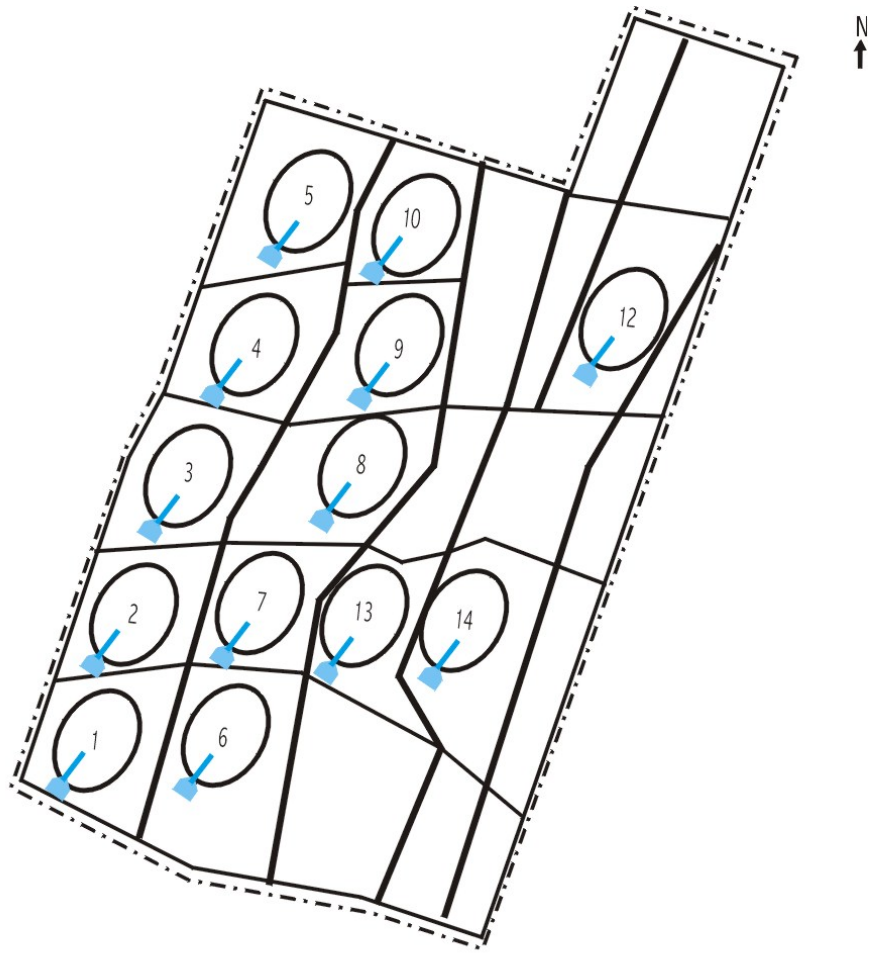
PFA	Total Pest Free Area (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2018/2019			Export to EU (tons) 2018/2019 Export	Proposed For 2019/2020	
		Total	Export		No of samples	No of basins (Pivots)	No of samples		No of basins (Pivots)		No of water samples	No of weed samples
							Total	Export				
PFA 01	3000	200	150	(13)	0	0	0	0	0	0	26	33
PFA 02	400	400	400	2(2)	0	0	0	0	0	0	8	25
Total	3400	600	550	2(15)	0	0	0	0	0	0	34	58

Pest Free Area Sheet
Marsa Matrouh (MM) 46, PFA No.01

1. Name of PFA: Siwa Oasis
2. No. of maps: 1
3. Boundaries:
 - North: Mediterranean Sea
 - South: El-Wadi El-Gaded Governorate
 - East: Alexandria Governorate
 - West: El-Saloom
4. Total Pest Free Area (feddan): 3000
 - Total area proposed for potato: 200
 - Total area proposed for export: 150
5. Type of soil : Sandy soil
6. Irrigation system: Pivot Irrigation System
7. Source of water: Wells (Artesian)
8. Rotation system: The area still virgin and new reclamation areas
9. No. of basins (pivots): (13)
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested: 26 (free)
14. No. of weed samples tested: 33 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 1
19. General remarks:

Codes No. of Marsa Matrouh (MM) 46, PFA No.01 (Siwa Oasis)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 1										
46	01	01	(01>10 12>14)							



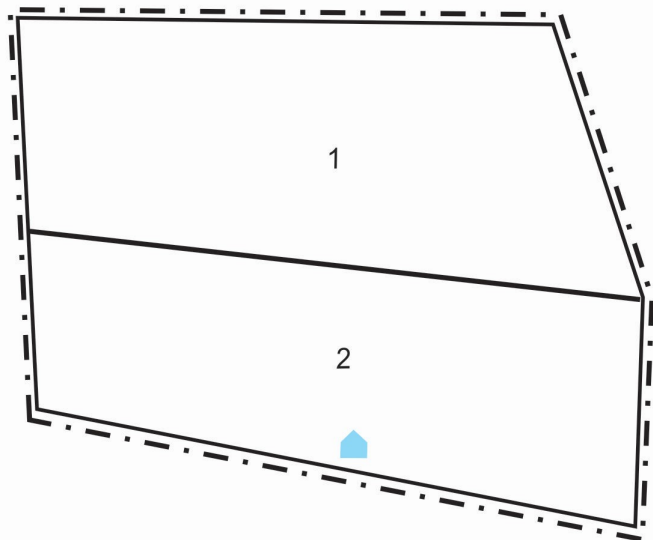
MM 46
PFA No.1

Pest Free Area Sheet
Marsa Matrouh (MM) 46, PFA No.02

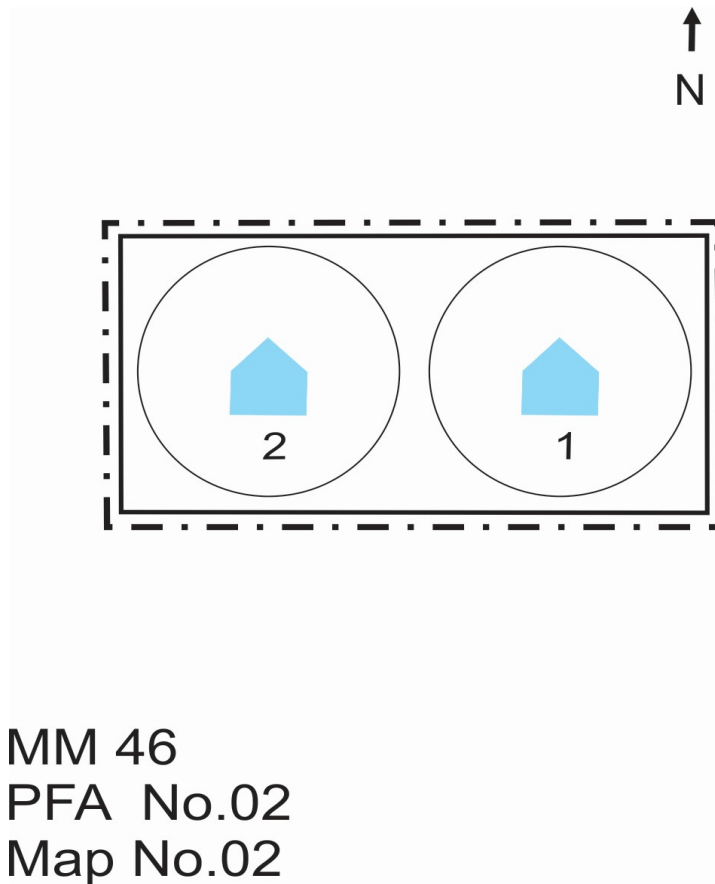
1. Name of PFA: El -Hamam
2. No. of maps: 2
3. Boundaries:
 - North: Borg el Arab
 - South: Wadi el Natron
 - East: El Almen
 - West: El Daba'ah
4. Total Pest Free Area (feddan): 400
 - Total area proposed for potato: 400
 - Total area proposed for export: 400
5. Type of soil : Sandy Soil
6. Irrigation system: Drip and Over Head Sprinkler Irrigation System
7. Source of water: Wells
8. Rotation system 2016/2017
 - Summer season: Potato, Clover and others
 - Winter season : Melon and Potato
9. No. of basins (pivots): 2 (2)
10. Code No. of infection inside PFA and date of discovery: None
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested: 8 (free)
14. No. of weed samples tested: 25 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 2
19. General remarks:

Codes No. of Marsa Matrouh (MM) 46, PFA No.02 (El -Hamam)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 01										
46	02	01	01>02	Hammad 2						
Map 02										
46	02	02	(01>02)	Elmagd						



MM 46
PFA No.02
Map No.01

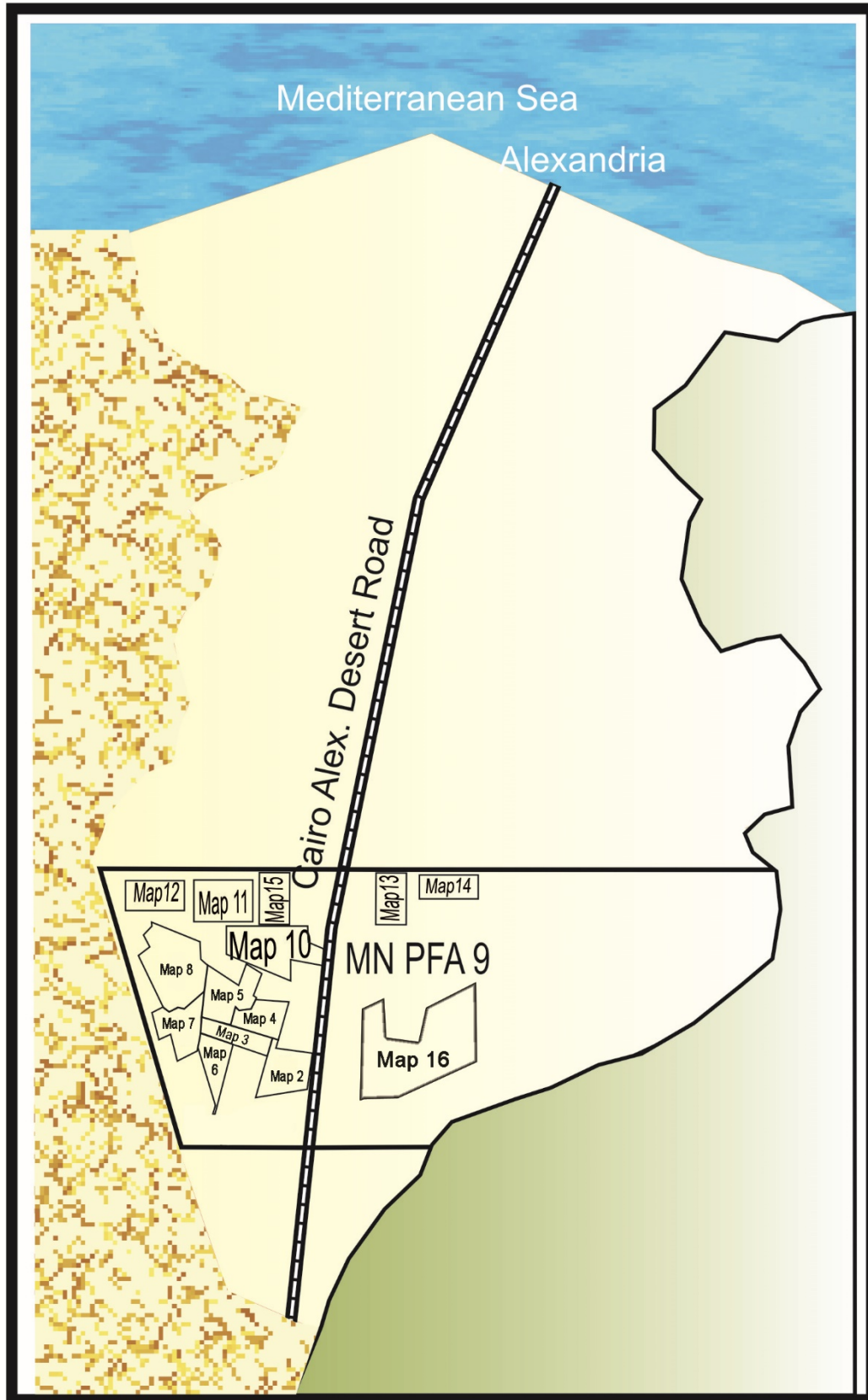




PEST FREE AREA

MN (48)

2019/2020



General Map
Menufyia 48

General data of the PFAs at Menufyia (MN) 48

PFA	Total Pest Free Area (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2018/2019		Export to EU (tons) 2018/2019 Export	Proposed For 2019/2020		
		Total	Export		No of samples	No of basins (Pivots)	No of samples			No of basins (Pivots)	No of water samples	No of weed samples
							Total	Export				
PFA 09	21735	10000	8000	20(53)	16	(1)	4	4	(1)	100.00	146	225
Total	21735	10000	8000	20(53)	16	(1)	4	4	(1)	100.00	146	225

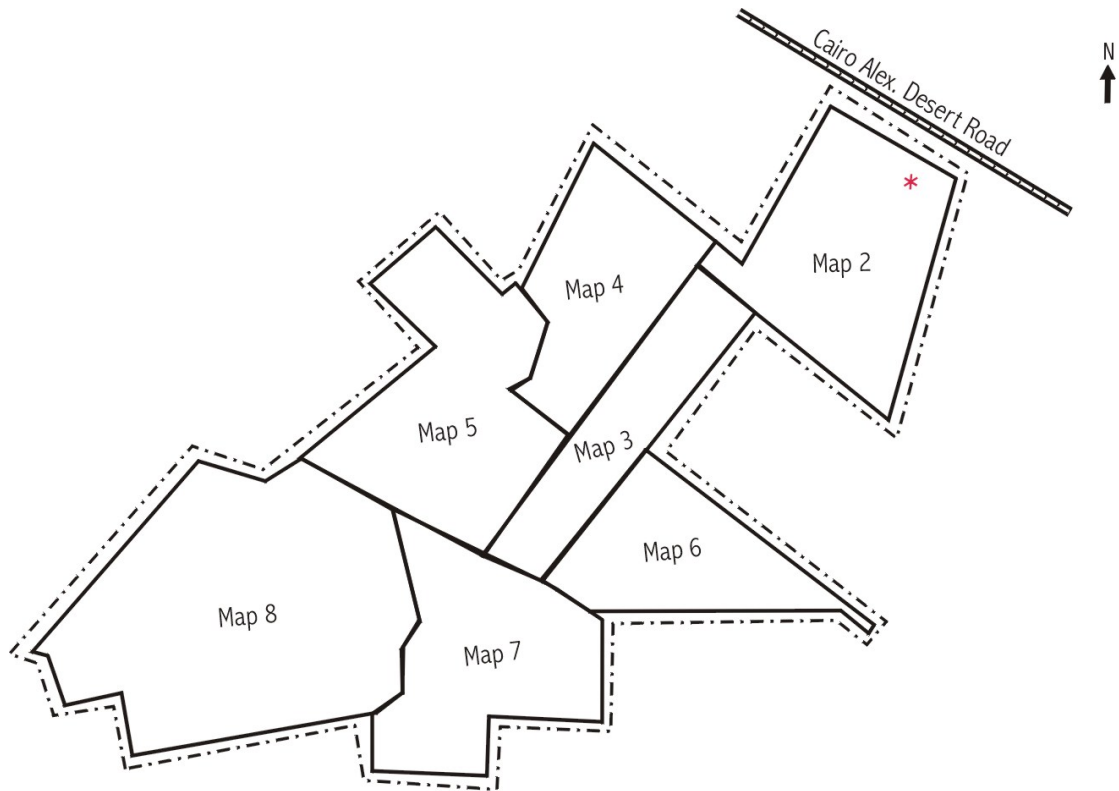
Pest Free Area Sheet
Menufyia (MN) 48, PFA No.09

1. Name of PFA: El-Sadat
2. No. of maps: 14
3. Boundaries:
 North: El-Gharbia Governorate
 South: El-Kalubia Governorate
 East: El-Sharkia Governorate
 West: El-Wadi El-Gaded Governorate
4. Total Pest Free Area (feddan): 21735
 Total area proposed for potato: 10000
 Total area proposed for export: 8000
5. Type of soil : Sandy
6. Irrigation system: Drip and Over Head Sprinkler Irrigation System
7. Source of water: Wells
8. Rotation system

	2016/2017	2017/2018	2018/2019
Summer season:	Maize & others	Maize, Peanut	Maize, Melon & Potato
Winter season:	Clover, Vegetables & Potato	Potato Wheat, Clover	Barley, Beans & Potato
9. No. of basins (pivots): 20 (53)
10. Code No. of infection inside PFA and date of discovery: No
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot Result: free
13. No. of water samples tested: 146 (free)
14. No. of weed samples tested: 225 (free)
15. No. of potato samples visually inspected: 16 (free)
16. No. of basins (pivots) visually inspected: (1) (free)
17. No. of potato samples tested by IF for export: 4 (free)
18. No. of growers: 14
19. General remarks:

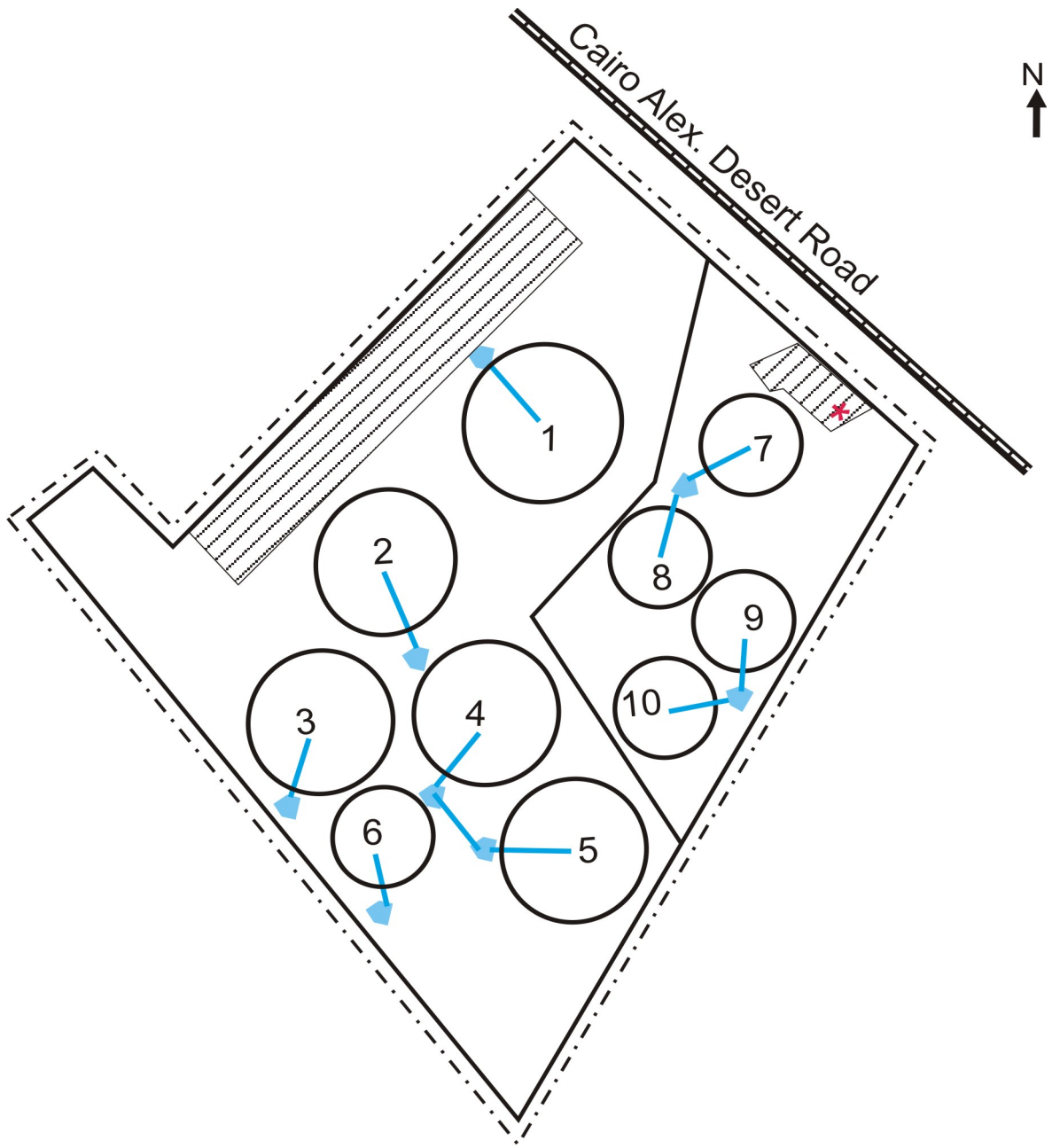
Codes No. of Menufyia (MN) 48, PFA No.09 (El-Sadat)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 2											
48	09	02	(01>10)	Dina (1) Dina Wal Gawhara			03		4		
Map 3											
48	09	03	(07>11)	Dina (2) Al-Aalaf							
Map 4											
48	09	04	(01>04)	Dina (3) Al-Tayba							
Map 5											
48	09	05	(05>10)	Dina (4) Al-Mostkbal							
Map 6											
48	09	06	(01>04)	Dina (5) Al-Shabab							
Map 7											
48	09	07	(12>17)	Dina (6) Al-Eman							
Map 8											
48	09	08	(01>02, 04>16)	Dina (7) Al-Takwa							
Map10											
48	09	10	01>15	El-Helmyia farm							
Map11											
48	09	11	(01>02)	EL Nokrashy							
Map12											
48	09	12	01>02	Hasen Hameda							
Map13											
48	09	13	01	Maray1							
Map14											
48	09	14	01	Maray2							
Map15											
48	09	15	02	El-Ahram							
Map16											
48	09	16	(01)	El-Tark							



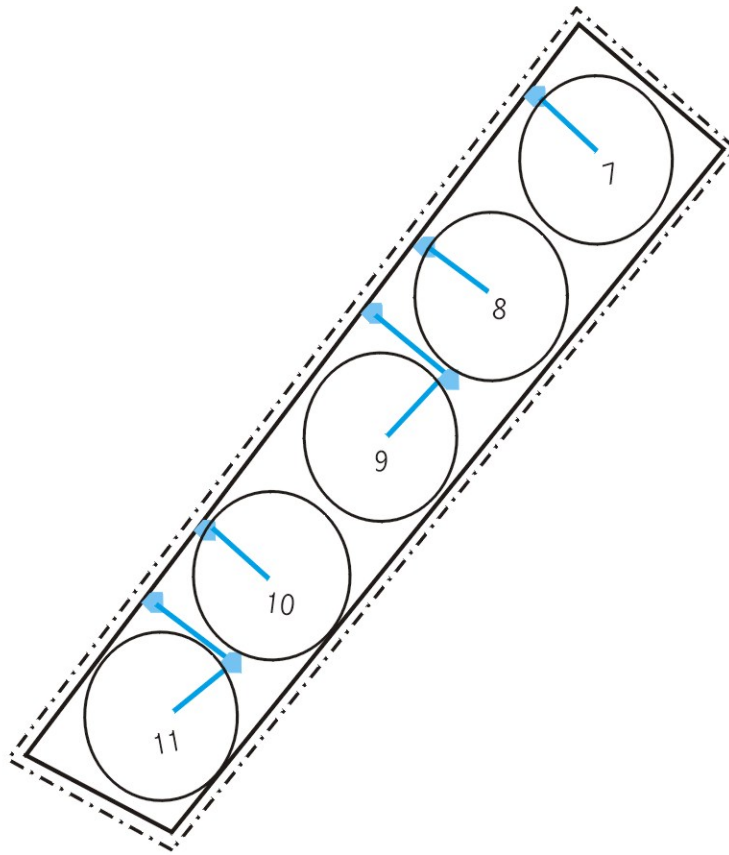
General Map
Dina Farm

* X : 3351111
Y : 3838274

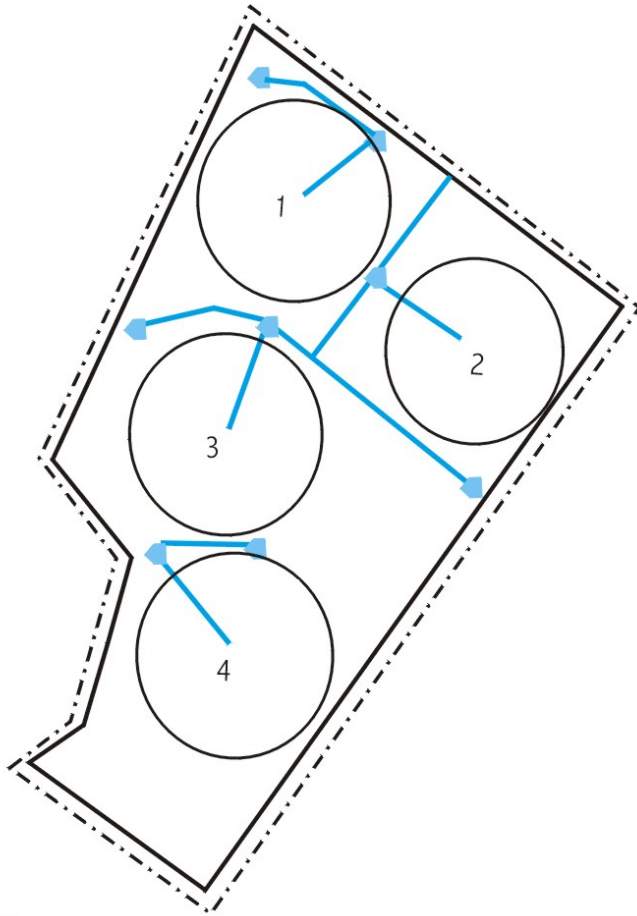


MN 48
 PFA No.9
 Map No.2

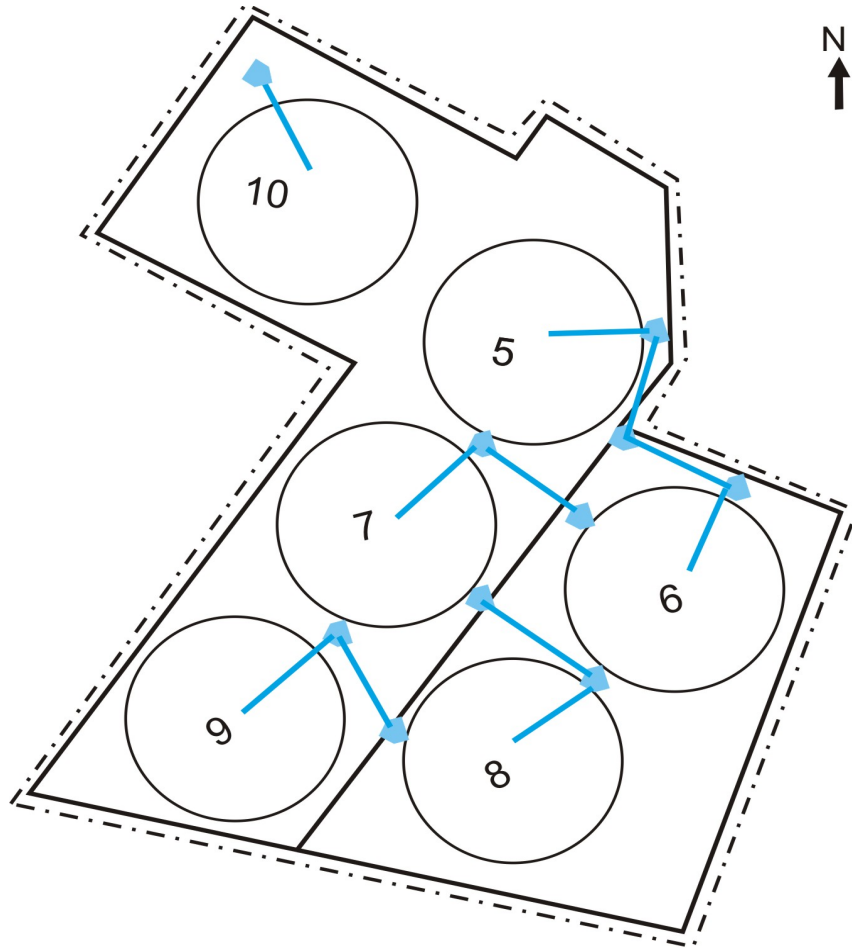
* X : 3351111
 Y : 3838274



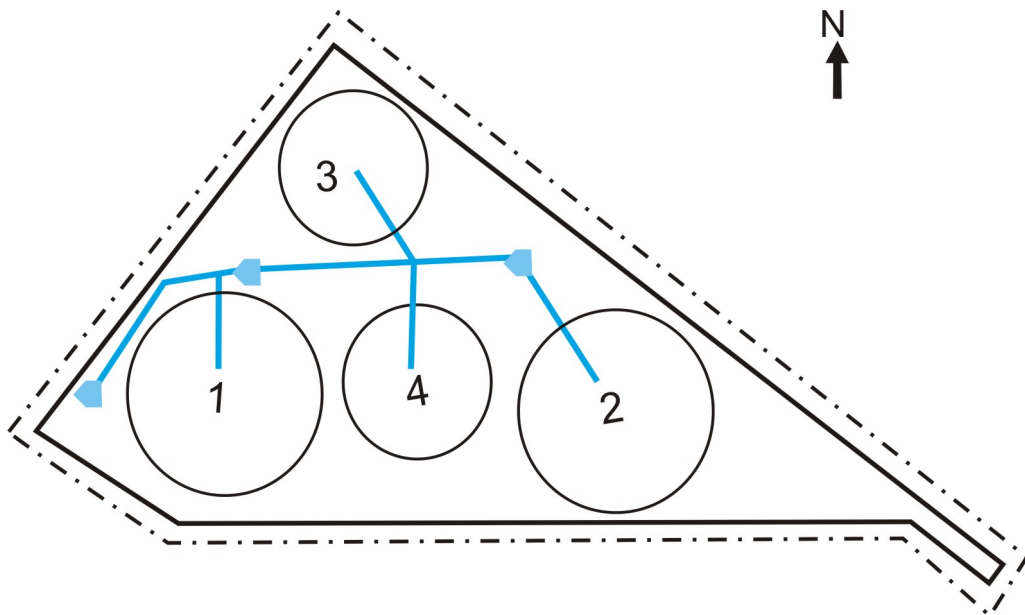
MN 48
PFA No.9
Map No.3



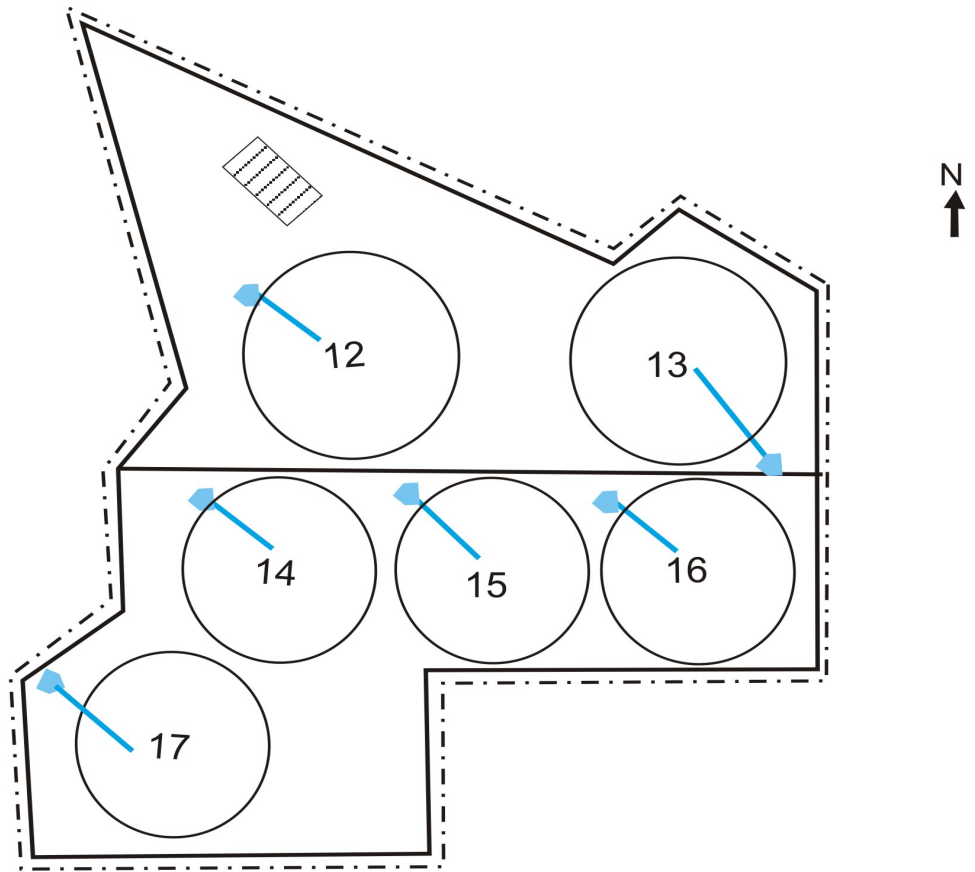
MN 48
PFA No.9
Map No.4



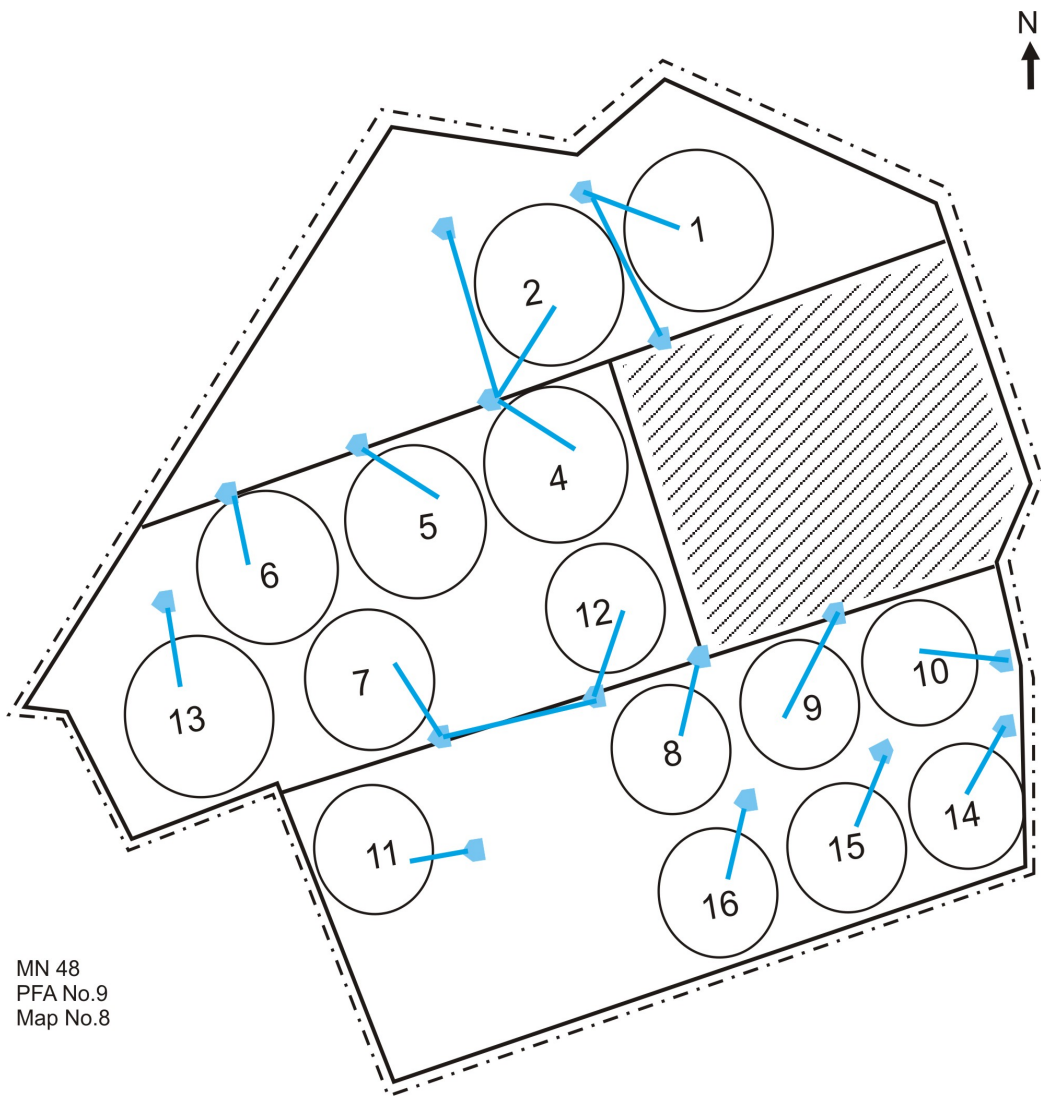
MN 48
PFA No.9
Map No.5



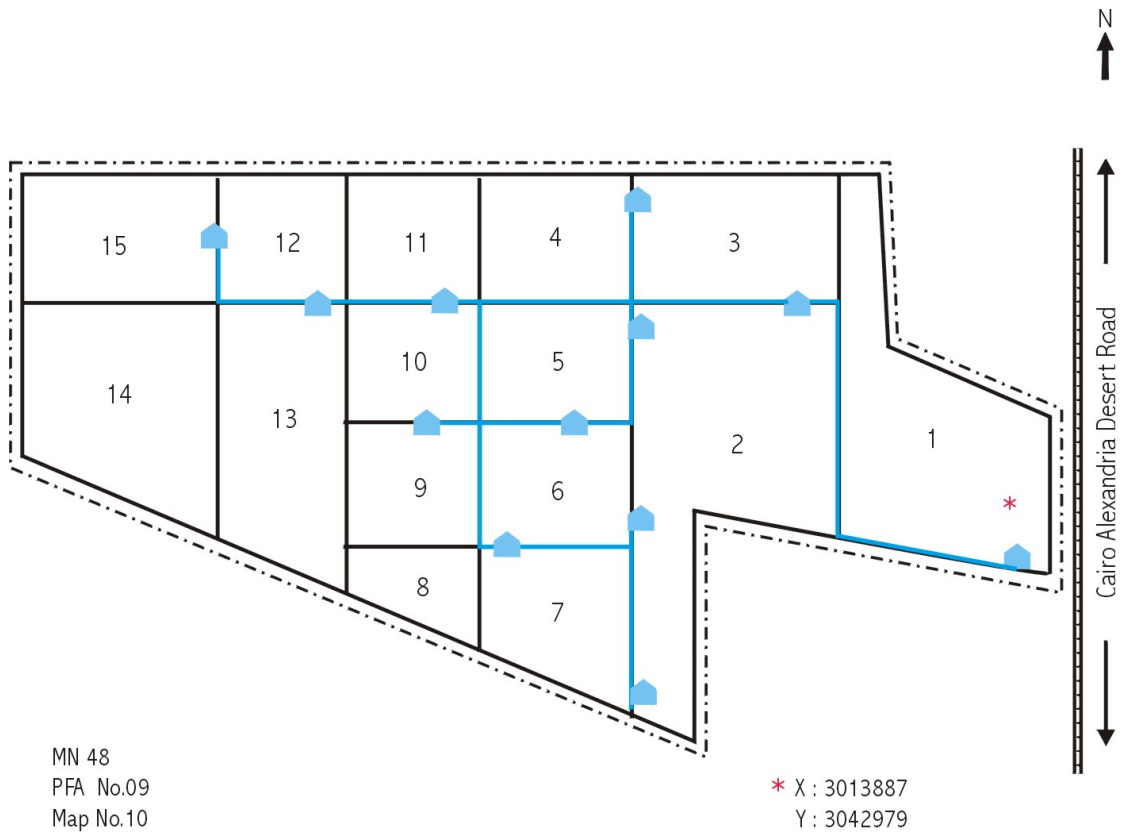
MN 48
PFA No.9
Map No.6

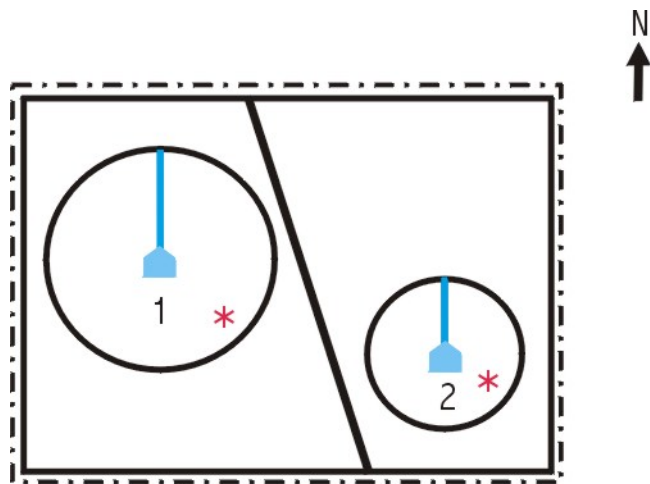


MN 48
PFA No.9
Map No.7



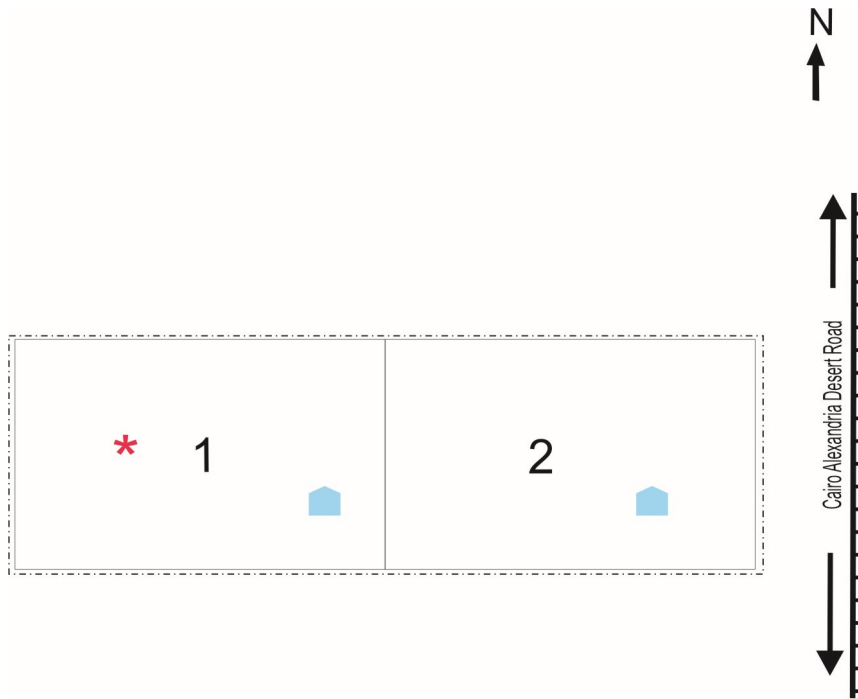
MN 48
PFA No.9
Map No.8





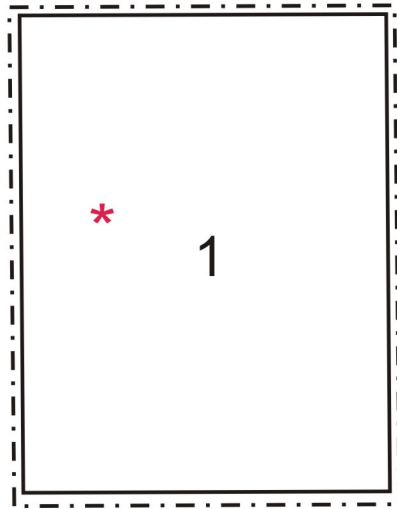
MN 48
PFA No.9
Map No.11

* P(1) X : 3015846
Y : 3026409
* P(2) X : 3016283
Y : 3026082



MN 48
PFA No.9
Map No.12

*P(1)E : 251682
N : 3388783



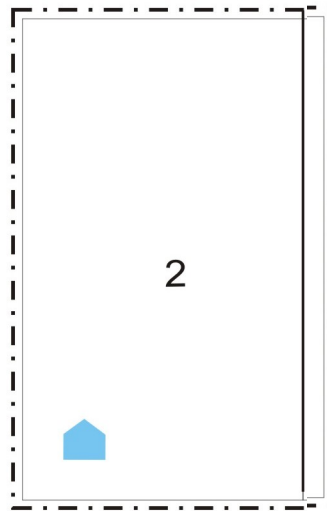
MN 48
PFA No.09
Map No.13

* E : 266166
N : 3377141



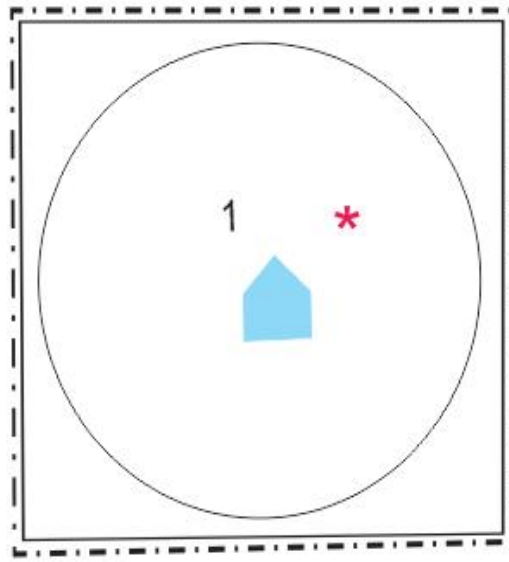
MN 48
PFA No.09
Map No.14

* E : 290741
N : 3369217



MN 48
PFA No.09
Map No.15

E : 253276
N : 3388525



MN 48
PFA No.09
Map No.16

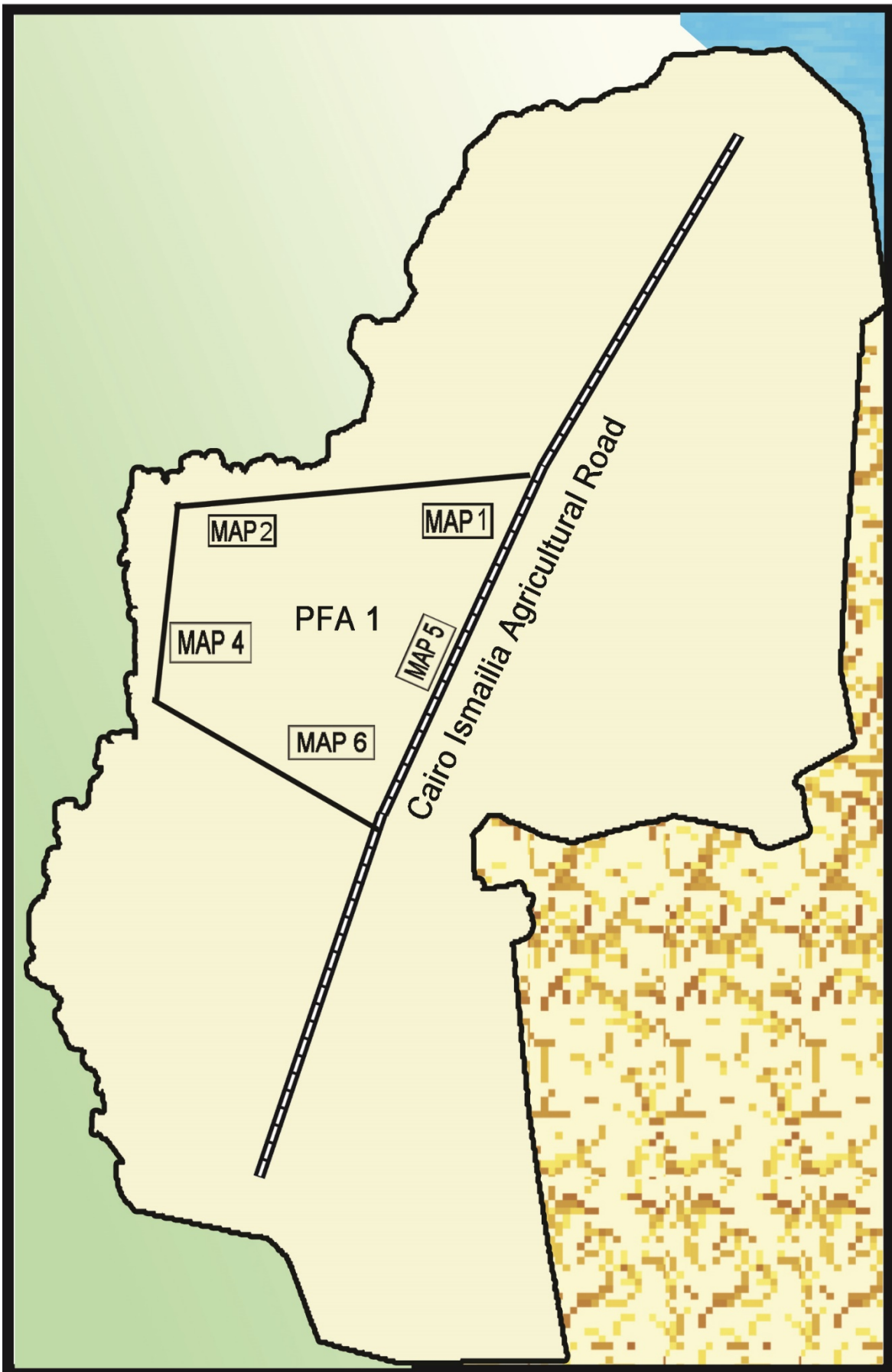
*E 1 : 3080450
N : 3056417



PEST FREE AREA

SH (55)

2019/2020



General Map
Sharkia 55

General data of the PFAs at SHARKIA (SH) 55

PFA	Total Pest Free Area (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2018/2019			Export to EU (tons) 2018/2019 Export	Proposed For 2019/2020	
		Total	Export		No of samples	No of basins (Pivots)	No of samples		No of basins (Pivots)		No of water samples	No of weed samples
							Total	Export				
PFA 15	13833	8972	7972	7(107)	224	(14)	225	225	(14)	5237.600	226	510
Total	13833	8972	7972	7(107)	224	(14)	225	225	(14)	5237.600	226	510

Pest Free Area Sheet
Sharkia (SH) 55, PFA No.15

1. Name of PFA: El-Salhia
2. No. of maps: 5
3. Boundaries:
 - North: El-Dakahlia Governorat
 - South: El-Kaluobia
 - East: North Sinai Governorat
 - West: El-Menoufyia Governorate
4. Total Pest Free Area (feddan): 13883
 - Total area proposed for potato: 8972
 - Total area proposed for export: 7972
5. Type of soil : Sandy
6. Irrigation system: Drip and Over Head Sprinkler Irrigation System
7. Source of water: Pipelines from Ismailia Canal
8. Rotation system

2016/2017	2017/2018	2018/2019
Summer season: Potato & Melon	Maize & others	Maize& Peanut
Winter season: Wheat, Beans & Potato	Potato& Vegetables	Wheat, Clover& Potato
9. No. of basins (pivots): 7 (107)
10. Code No. of infection inside PFA and date of discovery: None
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested: 226 (free)
14. No. of weed samples tested: 510 (free)
15. No. of potato samples visually inspected: 224 (free)
16. No. of basins (pivots) visually inspected: (14) (free)
17. No. of potato samples tested by IF for export: 225 (free)
18. No. of growers: 10
19. General remarks:

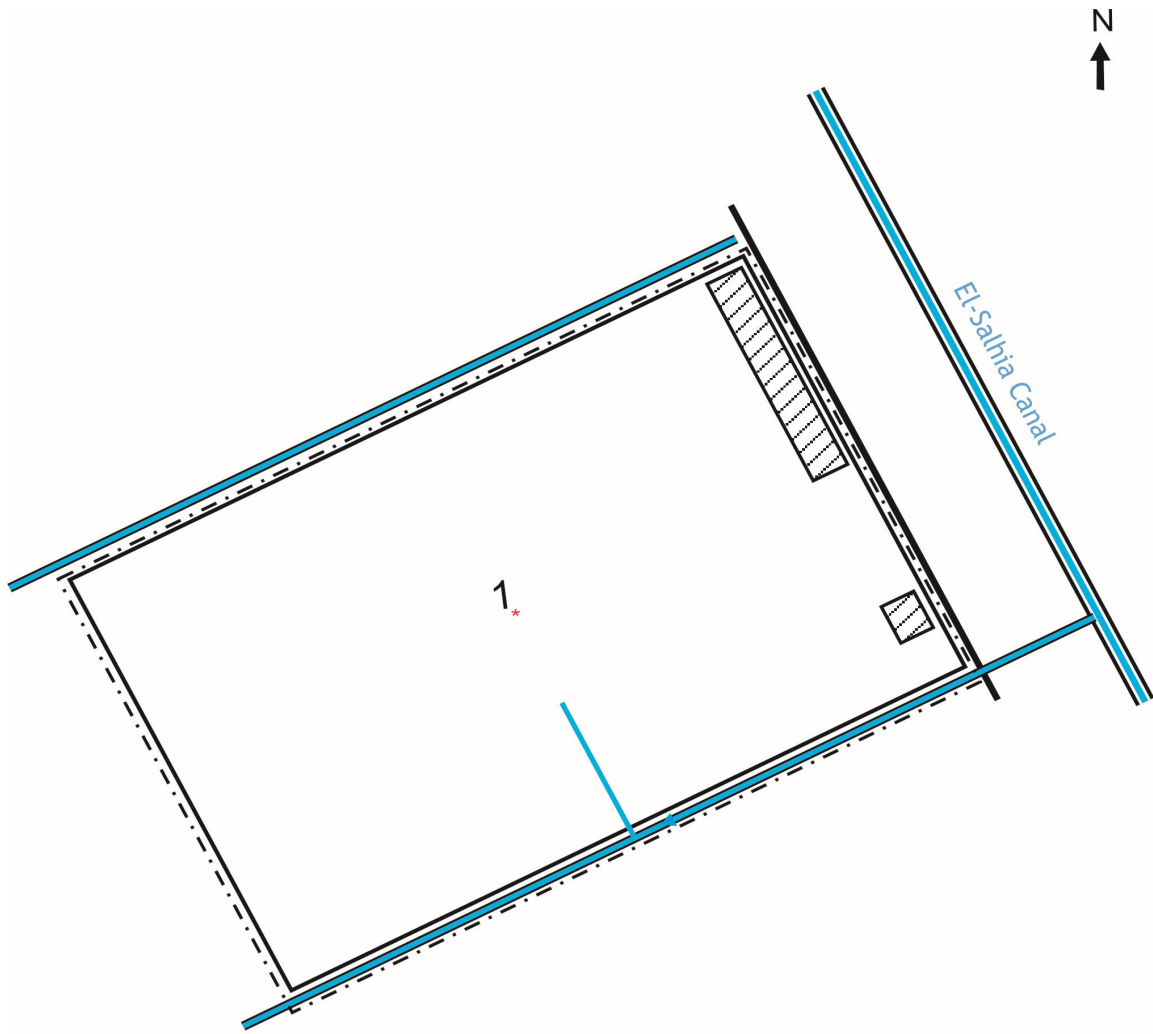
Codes No. of Sharkia (SH) 55, PFA No.15 (El-Salhia)

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 1											
55	15	01	(01>06,84, 96>98)					84	96,97, 98	4	68
		02	(07>09)								
		03	(10>13)					10		29	
		04	(14>16)					14		6	
		05	(17>18)						18		3
		06	(19>20)								
		07	(21>23, 25)						21,23		63
		08	(26>28,94>95)					95	94	6	6
		09	(29>31,77,80>82, ,85)					29	80,81, 82	10	29
		10	(32>37)					37		21	
		11	(24,38>48,75, 78,79,90>93)					90	75,79	8	30
		12	(49>58)								
		13	(59>66)						61		3
		14	(67>74,83)					83	72	14	23
Map 2											
55	15	15	01	El-Barakat farm							
Map4											
55	15	17	01>04	El-Gael El- Geded							
Map 5											
55	15	18	01>02	El-Amana							
Map 6											
55	15	19	(01>10,12>14, 17)	El Zahra El Zra'aya							



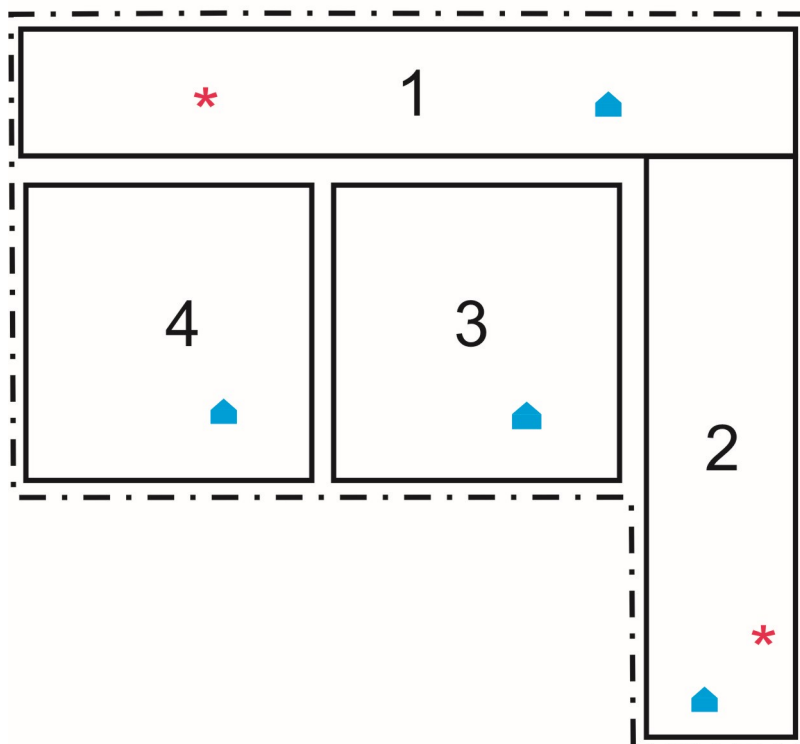
SH 55
PFA No.15
Map No.1

- | | | |
|--------------------------------------|---------------------------------------|---------------------------------------|
| * L1 (3) X : 3400201
Y : 3980029 | * L6 (19) X : 3397239
Y : 3974331 | * L11 (75) X : 3397385
Y : 3964741 |
| * L2 (9) X : 3397312
Y : 3978076 | * L7 (21) X : 3398164
Y : 3974222 | * L14 (71) X : 3400397
Y : 3970681 |
| * L3 (11) X : 3398840
Y : 3977368 | * L8 (28) X : 3394044
Y : 3972137 | * L13 (59) X : 3397098
Y : 3969174 |
| * L4 (15) X : 3399149
Y : 3976801 | * L9 (80) X : 3393004
Y : 3969457 | * L12 (50) X : 3397076
Y : 3397275 |
| * L5 (18) X : 3397129
Y : 3976740 | * L10 (34) X : 3395624
Y : 3971252 | |



SH 55
PFA No.15
Map No.15

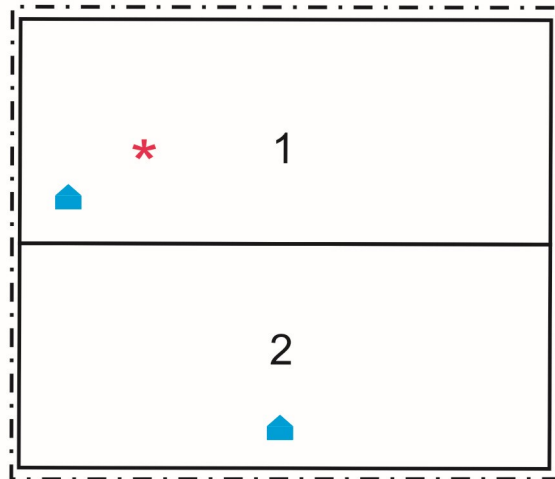
*X : 3411718
Y : 3992332



SH 55
PFA 15
Map No.17

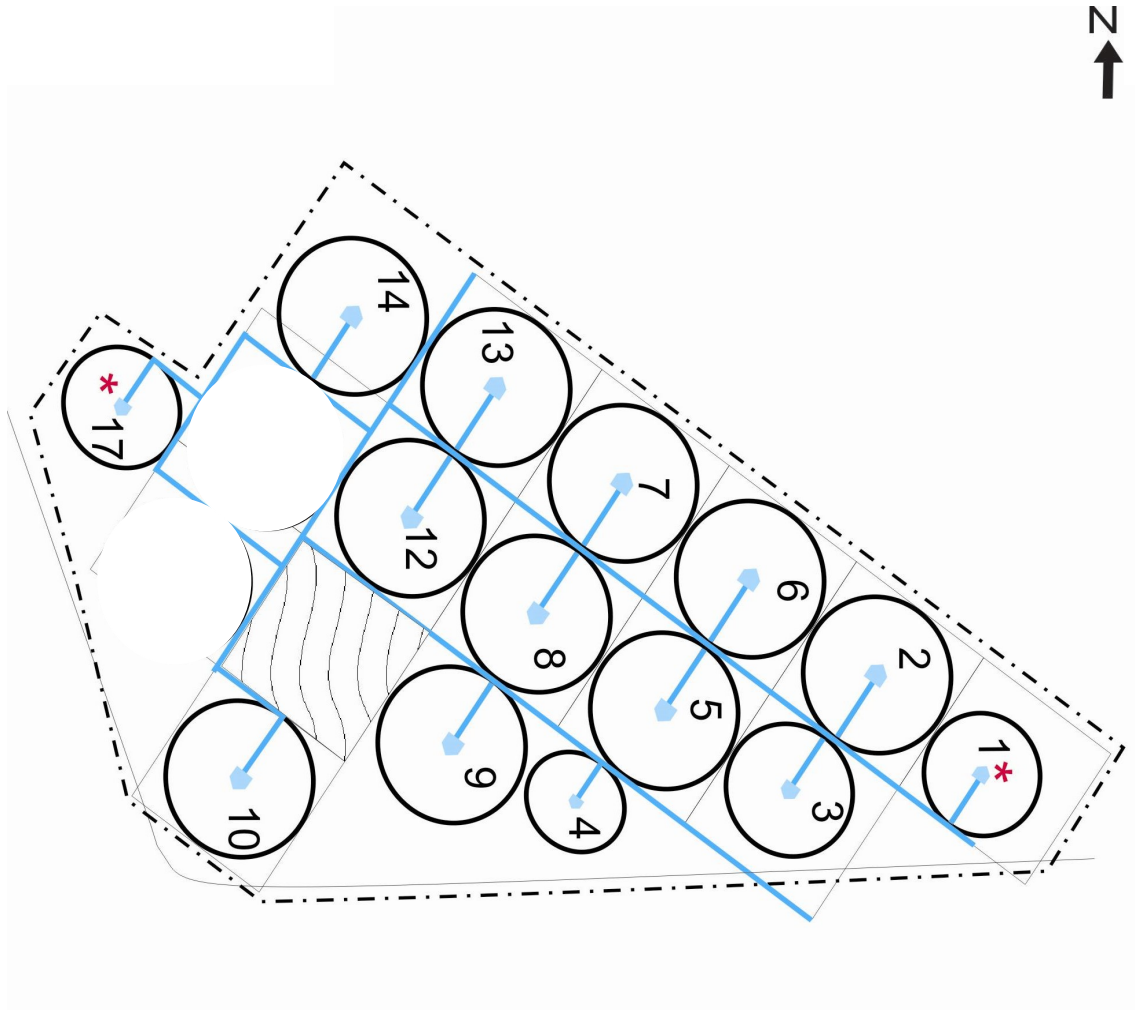
* B(1) E:402962
N:3385272

* B(2) E:403125
N:3385096



SH 55
PFA No.15
Map No.18

*B(1) E : 393736
N : 3393705



SH 55
 PFA No.15
 Map No.19

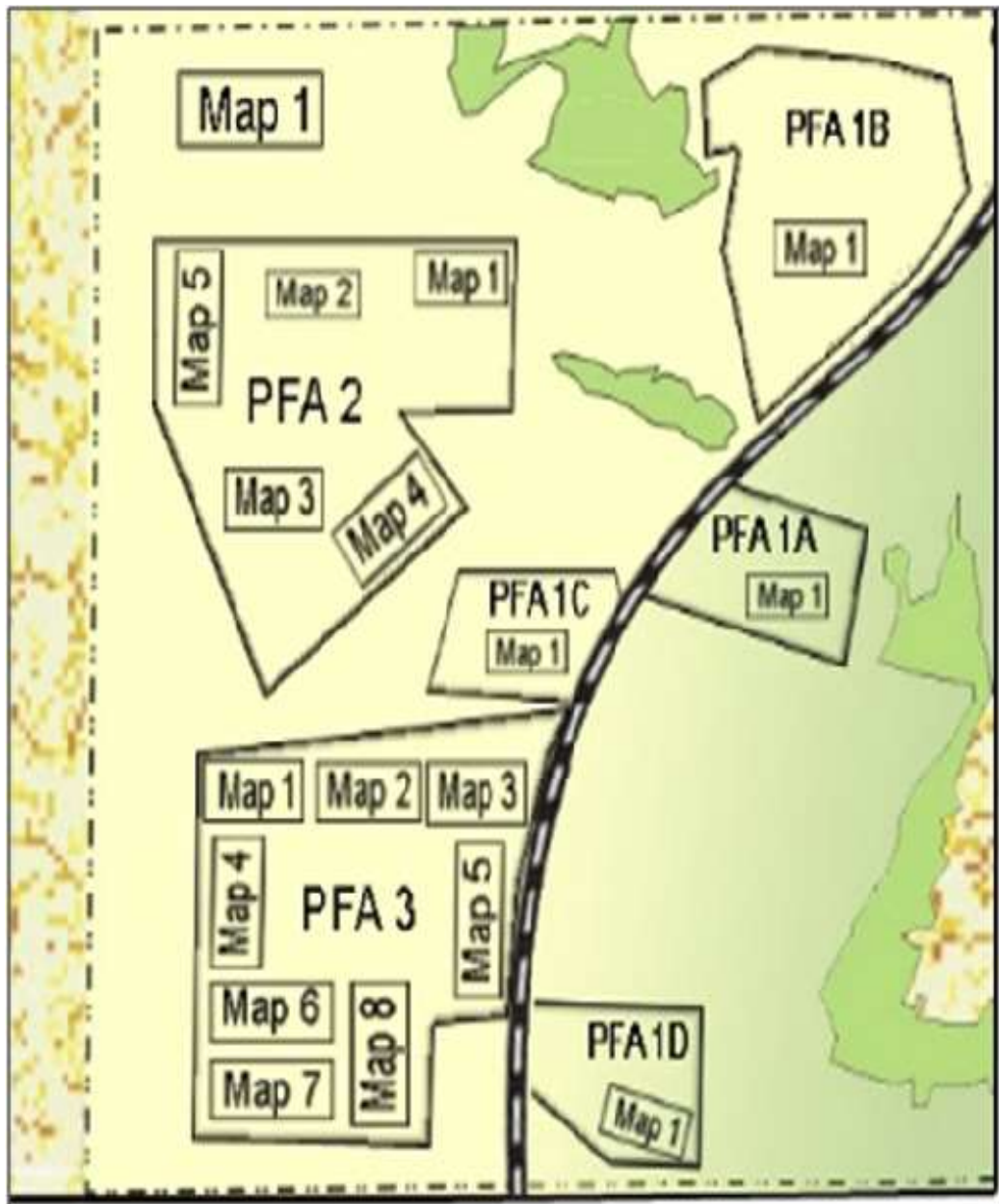
* E:3934629
 N:3398370



PEST FREE AREA

WG (92)

2019/2020



General Map
EL Wadi EL geded

General data of the PFAs at EL- WADI EL - GEDED (WG) 92

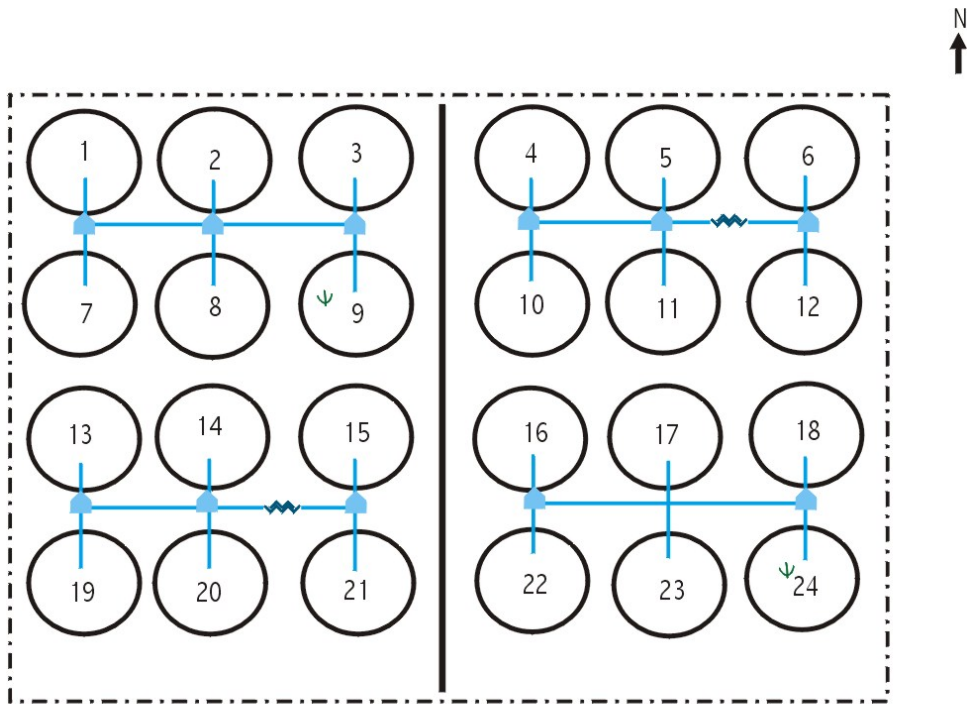
PFA	Total PFA areas (feddan) 2019/2020	Proposed potato areas (fed.) 2019/2020		No of basins (pivots)	Visual inspection 2018/2019		IF test 2018/2019			Export to EU (tons) 2018/2019 Export	Proposed For 2019/2020	
		Total	Export		No of samples	No of basins (Pivots)	No of samples		No of basins (Pivots)		No of water samples	No of weed samples
							Total	Export				
PFA 1A	2400	1500	1000	(24)	0	0	0	0	0	0	48	76
PFA 1B	2400	1500	1000	(24)	0	0	0	0	0	0	48	69
PFA 1C	2400	1500	1000	24	0	0	0	0	0	0	48	81
PFA 1D	2400	1500	1000	24	0	0	0	0	0	0	48	131
PFA02	18157	15977	15477	(118)	256	(16)	736	736	(16)	177.85	142	173
PFA03	9580	7090	6090	(114)	0	0	0	0	0	0	226	397
Total	37337	29067	25567	48(280)	256	(16)	736	736	(16)	177.85	560	927

Pest Free Area Sheet
El-Wadi El-Geded (WG) 92, PFA No.1A

16. Name of PFA: Sahl Baraka (1A)
17. No. of maps: 1
18. Boundaries:
 - North: Alexandria Governorate
 - South: Desert Area
 - East : Asyout Governorate
 - West : El-Saloom
19. Total Pest Free Area (feddan): 2400
 - Total area proposed for potato: 1500
 - Total area proposed for export: 1000
20. Type of soil : Sandy
21. Irrigation system: Pivot Irrigation System
22. Source of water: Wells (Artesian)
23. Rotation system: New Reclaimed Area
24. No. of basins (pivots): (24)
25. Code No. of infection inside PFA and date of discovery: None.
26. Is infection present upstream when surface water is used: No
27. Seed source : Seeds tested for brown rot Result: free
28. No. of water samples tested: 48 (free)
29. No. of weed samples tested: 76 (free)
30. No. of potato samples visually inspected: 0
31. No. of basins (pivots) visually inspected: 0
32. No. of potato samples tested by IF for export: 0
33. No. of growers: 6
34. General remarks:

Codes No. of El-Wadi El-Geded (WG) 92, PFA No.1A (Sahl Baraka (1A))

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 1										
92	01	01	(01>24)	Sahl Baraka (1A)						



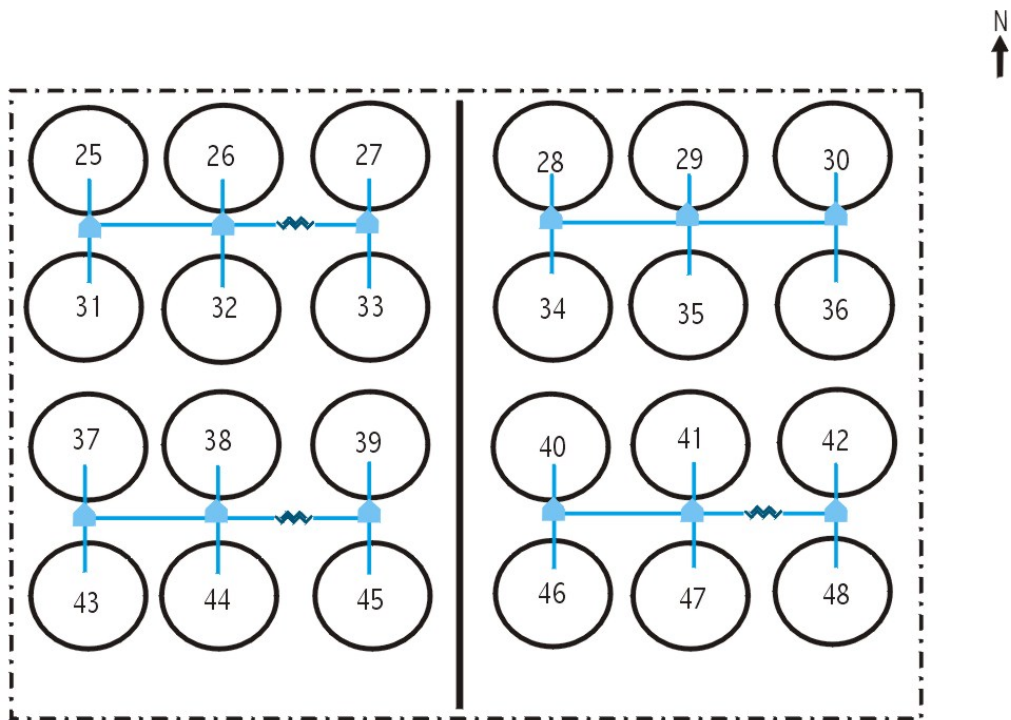
WG 92
 PFA No.1A
 Map No1

Pest Free Area Sheet
El-Wadi El-Geded (WG) 92, PFA No.1B

1. Name of PFA: Sahl Baraka (1B)
2. No. of maps: 1
3. Boundaries:
 - North: Alexandria Governorate
 - South: Desert Area
 - East : Asyout Governorate
 - West : El-Saloom
4. Total Pest Free Area (feddan): 2400
 - Total area proposed for potato: 1500
 - Total area proposed for export: 1000
5. Type of soil : Sandy
6. Irrigation system: Pivot Irrigation
7. Source of water: Wells (Artesian)
8. Rotation system: New Reclamated Area
9. No. of basins (pivots): (24)
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested: 48 (free)
14. No. of weed samples tested: 69 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 6
19. General remarks: New Reclamated Area

Codes No. of El-Wadi El-Geded (WG) 92, PFA No.1B (Sahl Baraka (1B))

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 1										
92	01	02	(25>48)	Sahl Baraka (1B)						



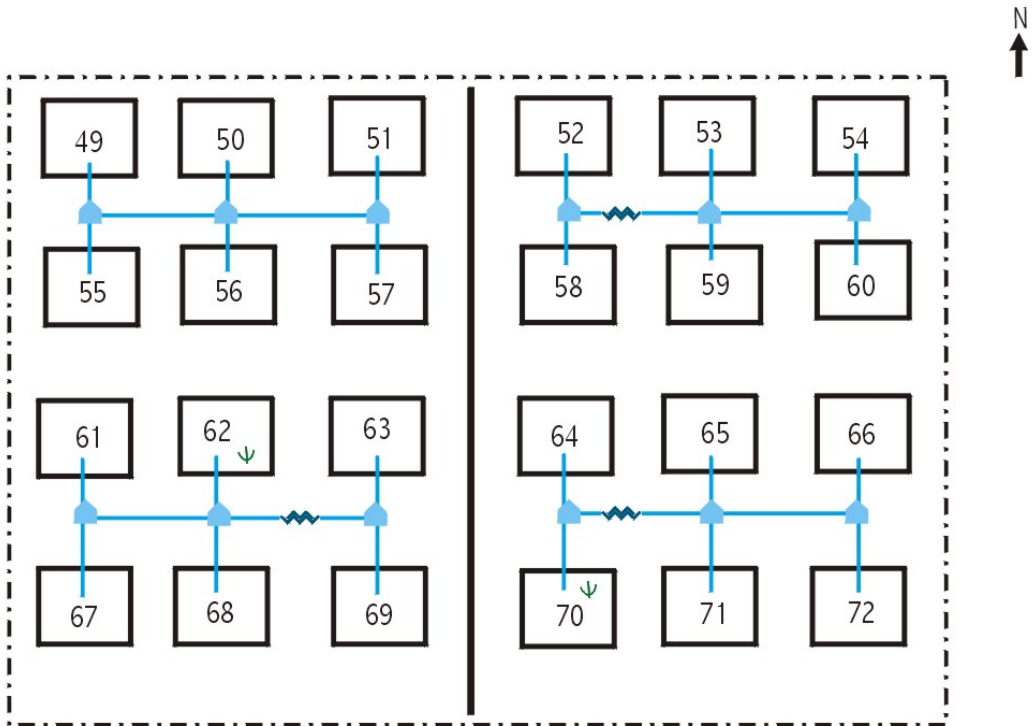
WG 92
PFA No.1B
Map No.1

Pest Free Area Sheet
El-Wadi El-Geded (WG) 92, PFA No.1C

1. Name of PFA: Sahl Baraka (1C)
2. No. of maps: 1
3. Boundaries:
 - North: Alexandria Governorate
 - South: Desert Area
 - East: Asyout Governorate
 - West: El-Saloom
4. Total Pest Free Area (feddan): 2400
 - Total area proposed for potato: 1500
 - Total area proposed for export: 1000
5. Type of soil : Sandy
6. Irrigation system: Drip Irrigation System
7. Source of water: Wells (Artesian)
8. Rotation system: New Reclamated Area
9. No. of basins (pivots): 24
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested: 48 (free)
14. No. of weed samples tested: 81 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 6
19. General remarks: New Reclamated Area

Codes No. of El-Wadi El-Geded (WG) 92, PFA No.1C (Sahl Baraka (1C))

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 1										
92	01	03	49>72	Sahl Baraka (1C)						



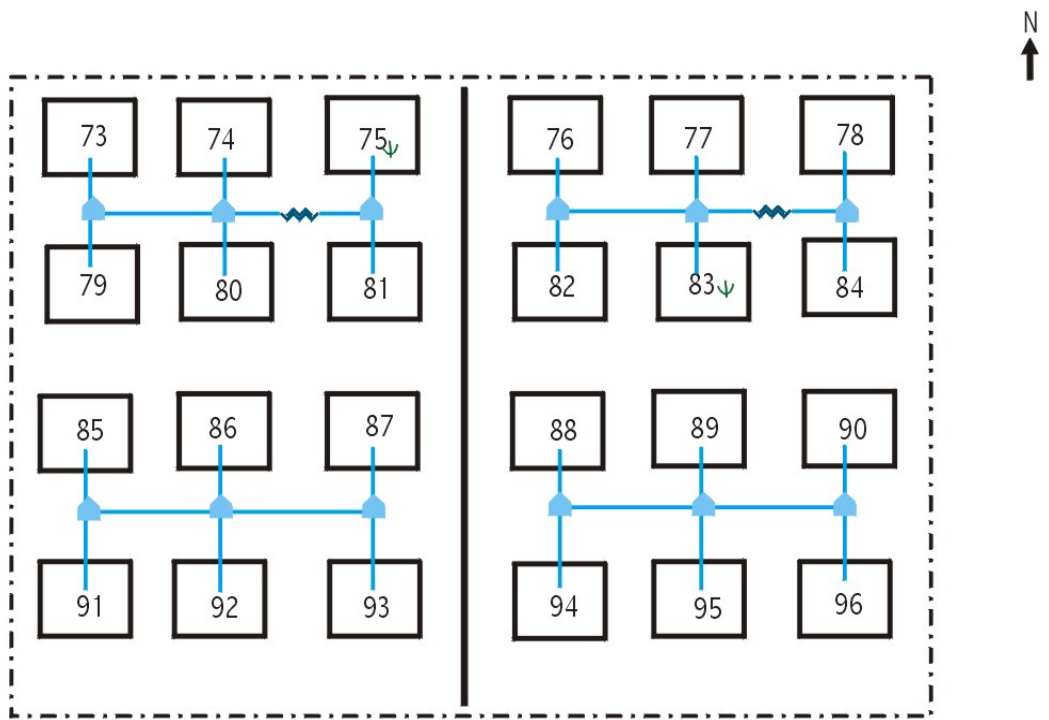
WG 92
PFA No.1C
Map No.1

Pest Free Area Sheet
El-Wadi El-Geded (WG) 92, PFA No.1D

1. Name of PFA: Sahl Baraka (1D)
2. No. of maps: 1
3. Boundaries:
 - North: Alexandria Governorate
 - South: Desert Area
 - East: Asyout Governorate
 - West: El-Saloom
4. Total Pest Free Area (feddan): 2400
 - Total area proposed for potato: 1500
 - Total area proposed for export: 1000
5. Type of soil : Sandy
6. Irrigation system: Drip Irrigation System
7. Source of water: Wells (Artesian)
8. Rotation system: New Reclamated Area
9. No. of basins (pivots): 24
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested: 48 (free)
14. No. of weed samples tested: 131 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins (pivots) visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 6
19. General remarks: New Reclamated Area

Codes No. of El-Wadi El-Geded (WG) 92, PFA No.1D (Sahl Baraka (1D))

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2018	2019	2018	2019
Map 1										
92	01	04	73>96	Sahl Baraka (1D)						



WG 92
PFA No.1D
Map No.1

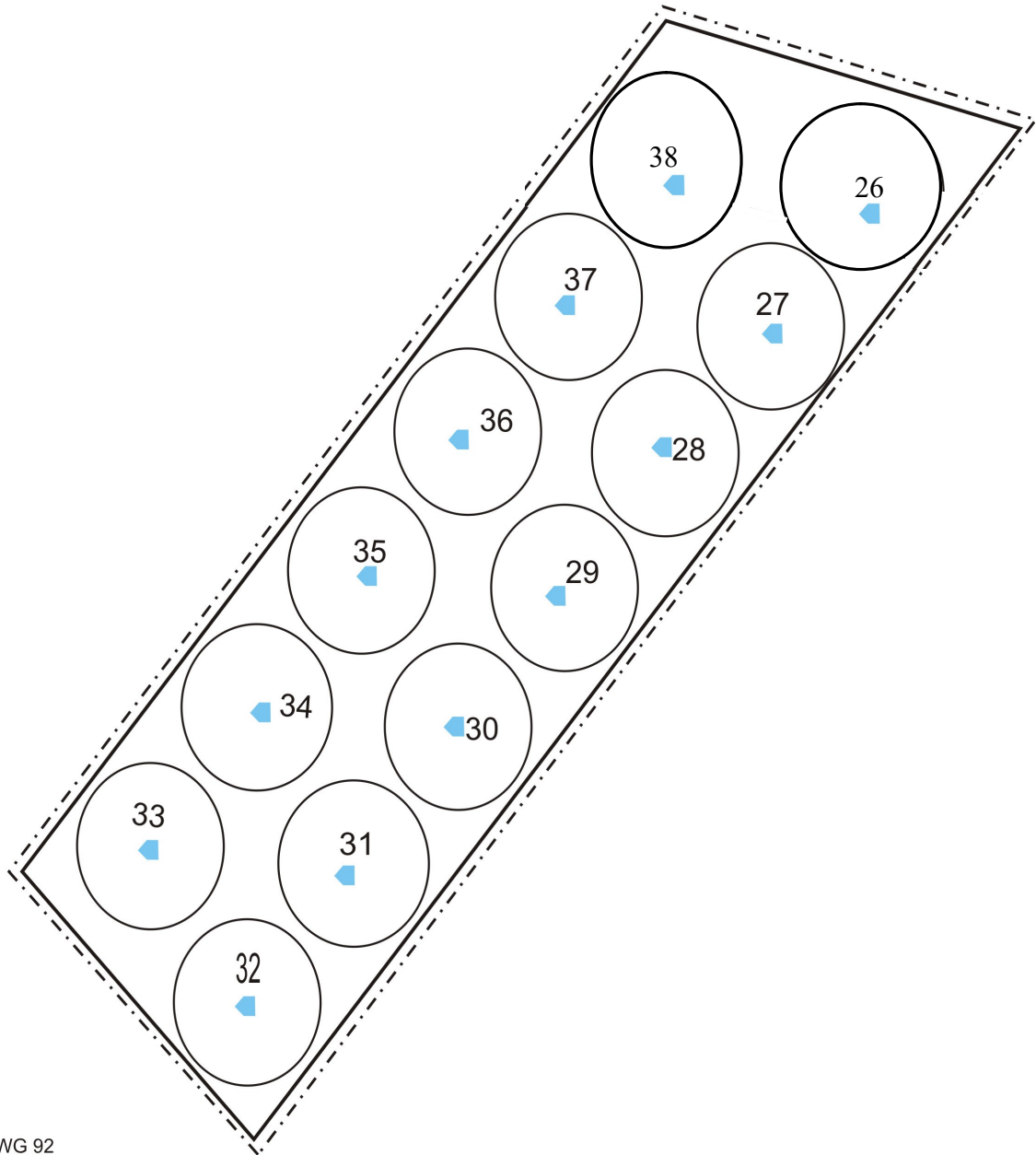
Pest Free Area Sheet
El-Wadi El-Geded (WG) 92, PFA No.02

1. Name of PFA: El Farafrah (02)
2. No. of maps: 15
3. Boundaries:
 - North: Alexandria Governorate
 - South: Desert Area
 - East : Asyout Governorate
 - West : El-Saloom
4. Total Pest Free Area (feddan): 18157
 - Total area proposed for potato: 15977
 - Total area proposed for export: 15477
5. Type of soil : Sandy
6. Irrigation system: Drip Irrigation System
7. Source of water: Wells (Artesian)
8. Rotation system

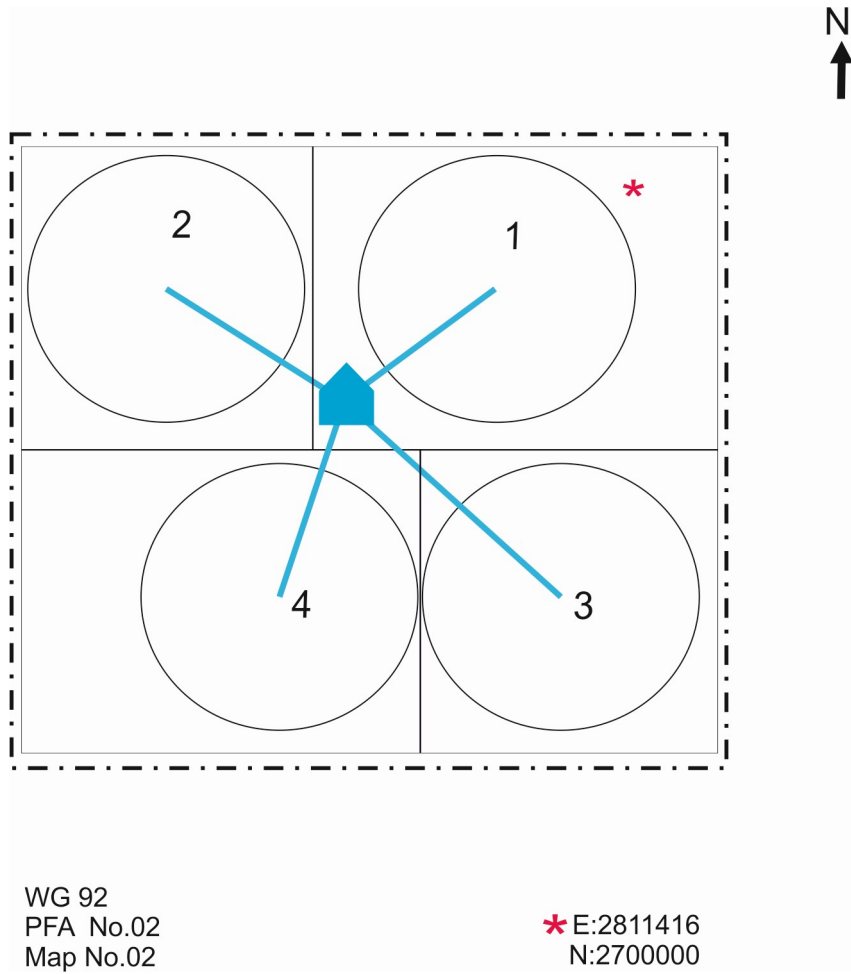
	2017/2018	2018/2019
Summer season:	Peanut, Melon& Potato	Wheat and Potato
Winter season :	Wheat, Beans & Potato	Potato, Vegetables and others
9. No. of basins (pivots): (118)
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source : Seeds tested for brown rot Result: free
13. No. of water samples tested: 142 (free)
14. No. of weed samples tested: 173 (free)
15. No. of potato samples visually inspected: 256 (free)
16. No. of basins (pivots) visually inspected: (16) (free)
17. No. of potato samples tested by IF for export: 736 (free)
18. No. of growers: 13
19. General remarks:

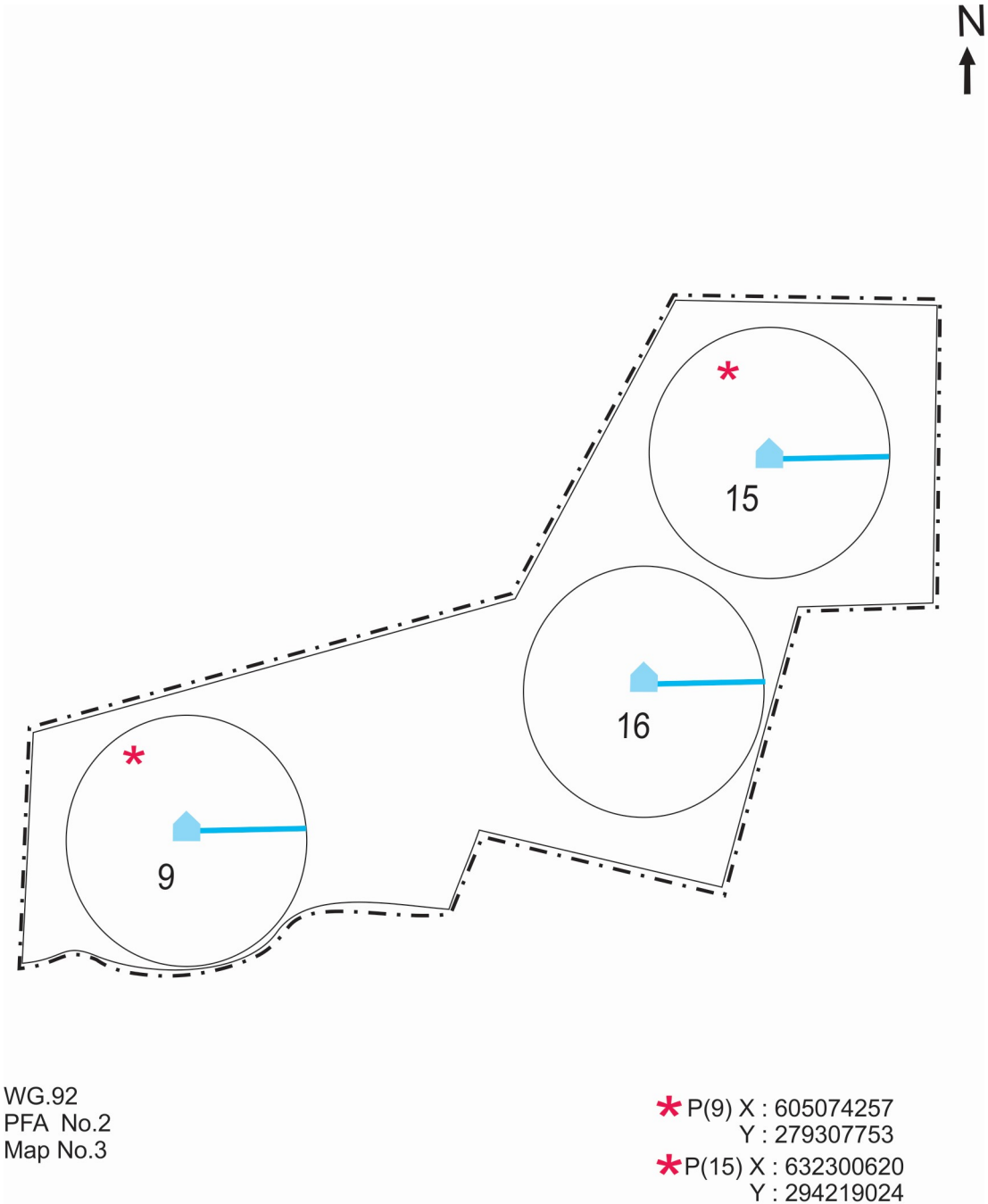
Codes No. of El-Wadi El-Geded (WG) 92, PFA No.02 (El Farafrah (02))

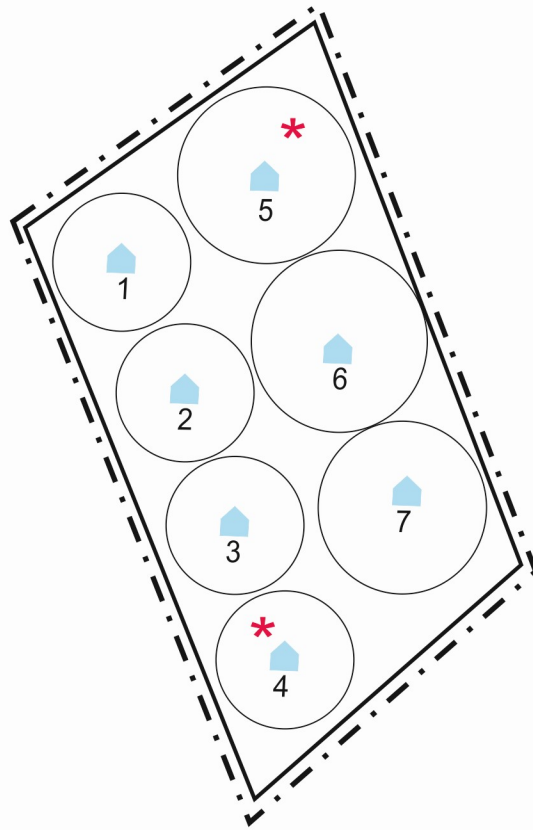
Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 1											
92	02	01	(26>38)	Al enmaa				27,30			29
Map 2											
92	02	02	(01>04)	Wadi Degla							
Map 3											
92	02	03	(09,15,16)	Lena							
Map 4											
92	02	04	(01>07)	El Bostan			01,02, 03,04, 05,06	01,02, 03,04, 05,06	39		216
Map 5											
92	02	05	(01>04,09)	Al Akhwa							
Map 6											
92	02	06	(01>16)	United Farms							
Map 7											
92	02	07	(01>08,11,13, 17,22,25, 30>31,35, 48,53,65,70)	Mariam				01,05, 06,11, 17,22, 30,31			491
Map 8											
92	02	08	(01>06)	EL Kuwaitya							
Map 9											
92	02	09	(19,22>23)	Sahl Qarween							
Map 10											
92	02	10	(01>06)	El Bostan2							
Map 11											
92	02	11	(01>02)	Qashta							
Map 12											
92	02	12	(01)	EL Wahat EL Refiya							
Map 13											
92	02	13	(01>16)	Agrofood							
Map 14											
92	02	14	(01>04)	Agriland							
Map 15											
92	02	15	(76>81,85,86, 88,89,91,92,)	Mariam 2							



WG 92
PFA No.02
Map No.01





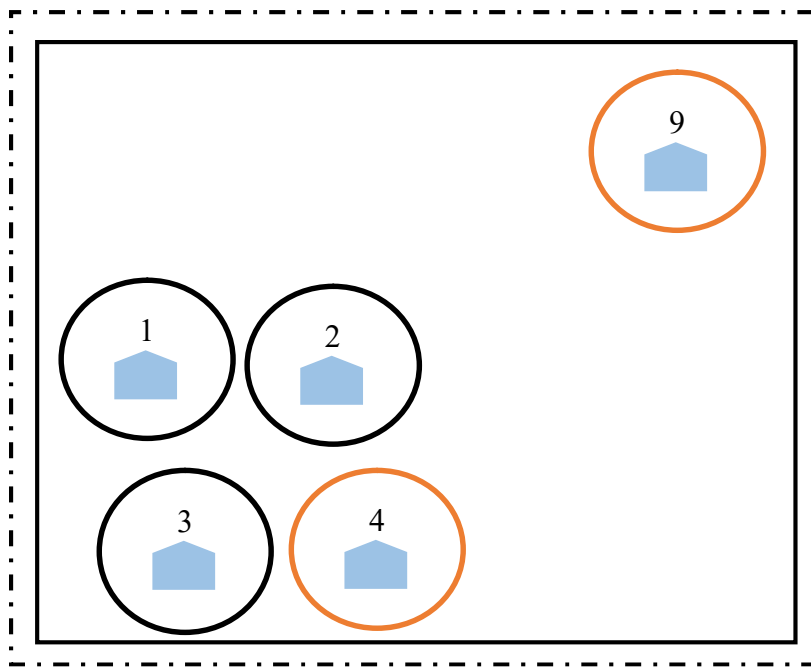


WG 92
PFA No.02
Map No.04

* P(4)E : 2744074
N : 2624217

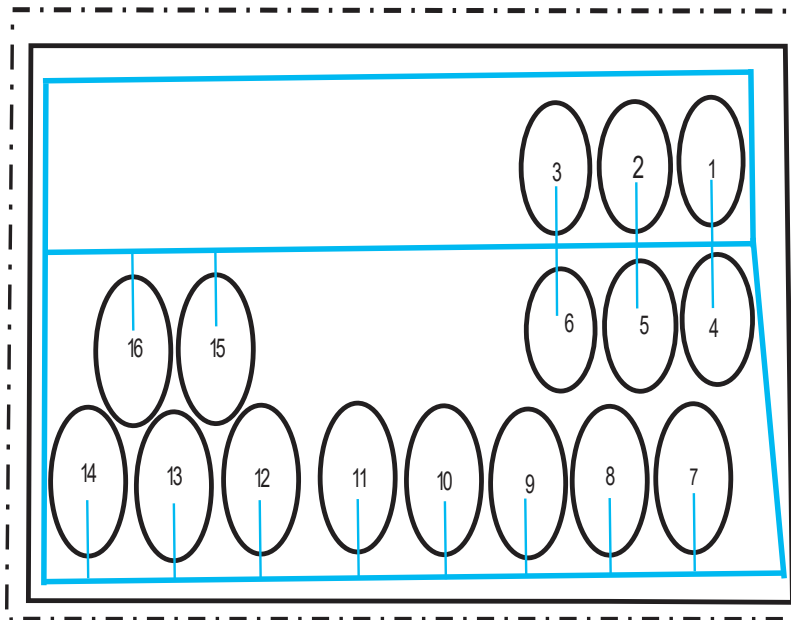
* P(5)E : 2743575
N : 2626139

* P(6)E : 2744078
N : 2625039

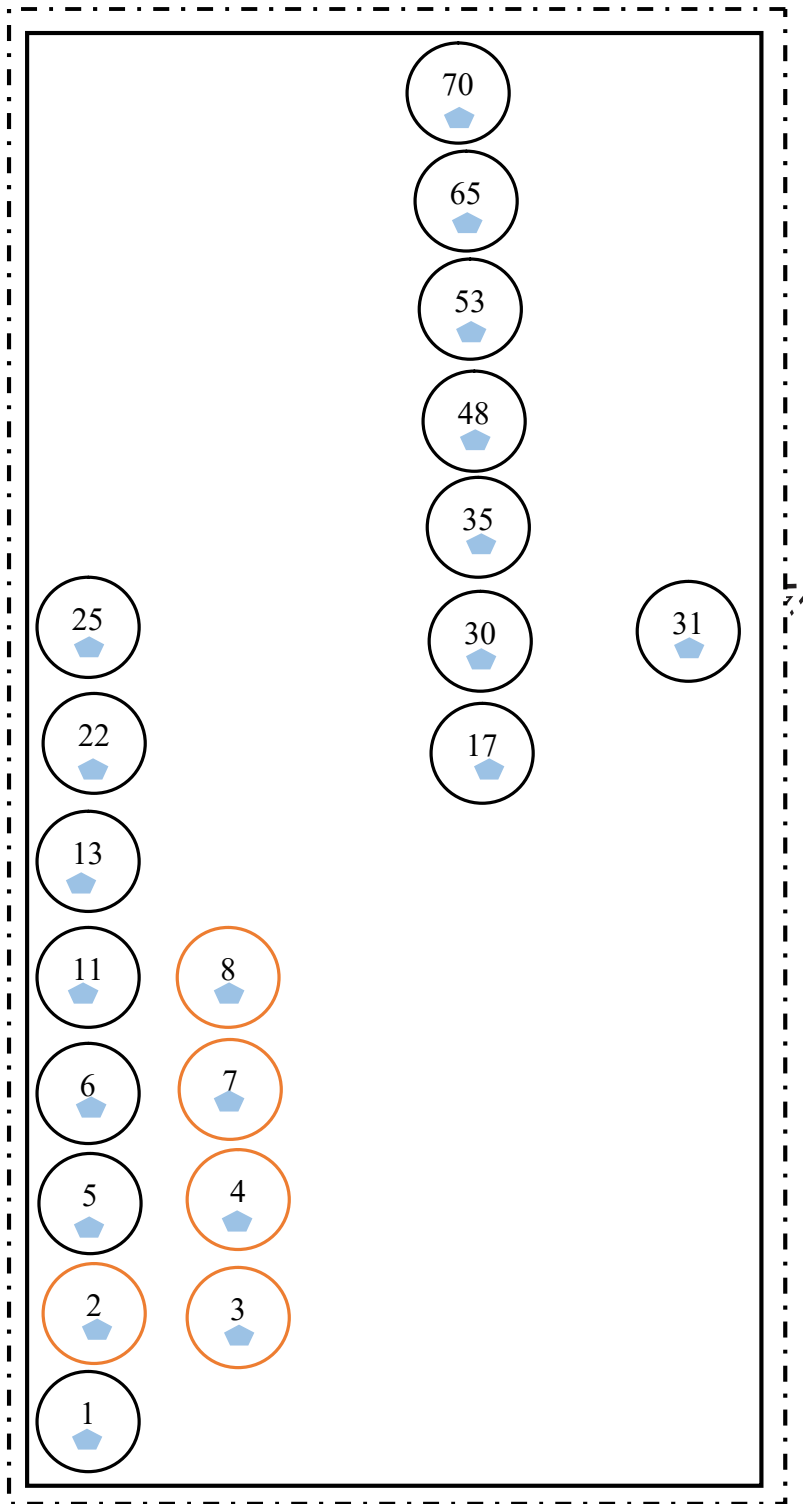


WG 92
PFA No. 02
Map No. 05

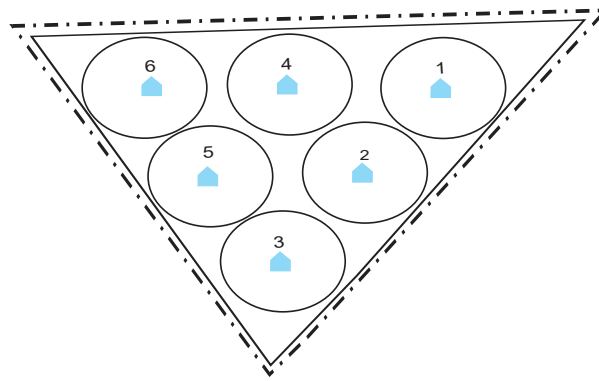
P(2) E:570948
N:2923206



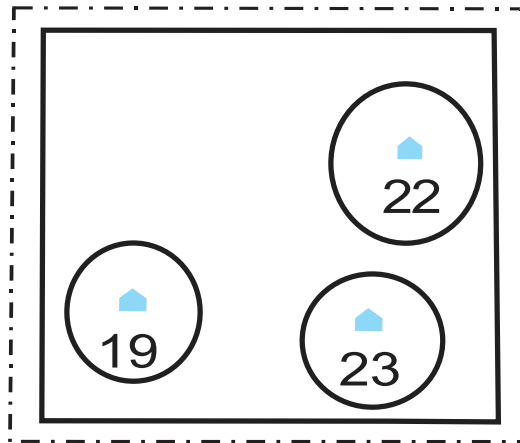
WG 92
PFA No. 02
Map No. 06



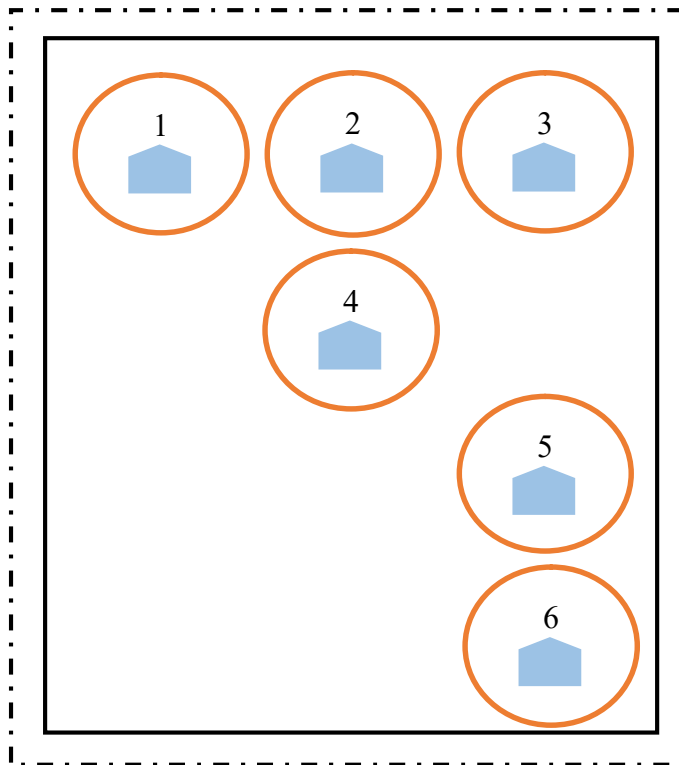
WG 92
PFA No. 02
MAP No.07



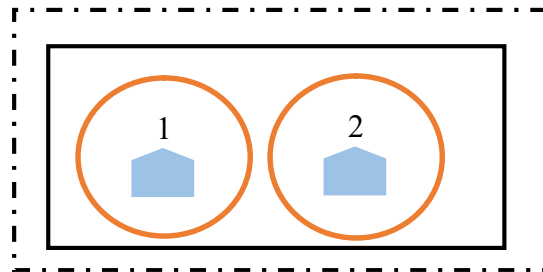
W G 92
PFA No.02
Map No.08



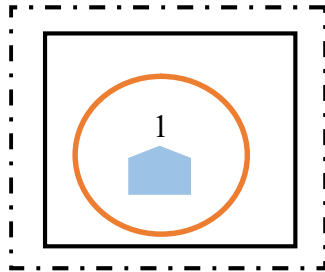
WG 92
PFA No. 02
Map No. 09



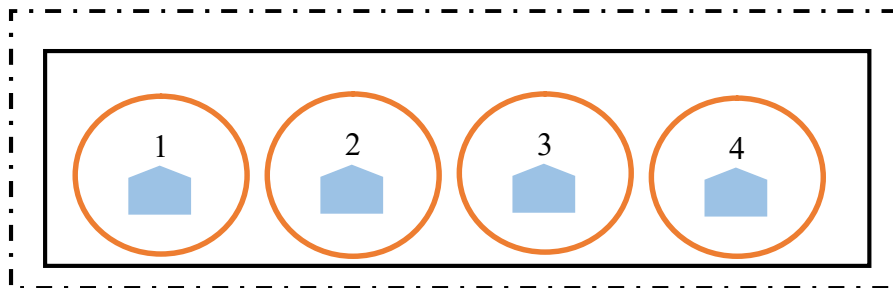
WG 92
PFA No. 02
Map No. 10



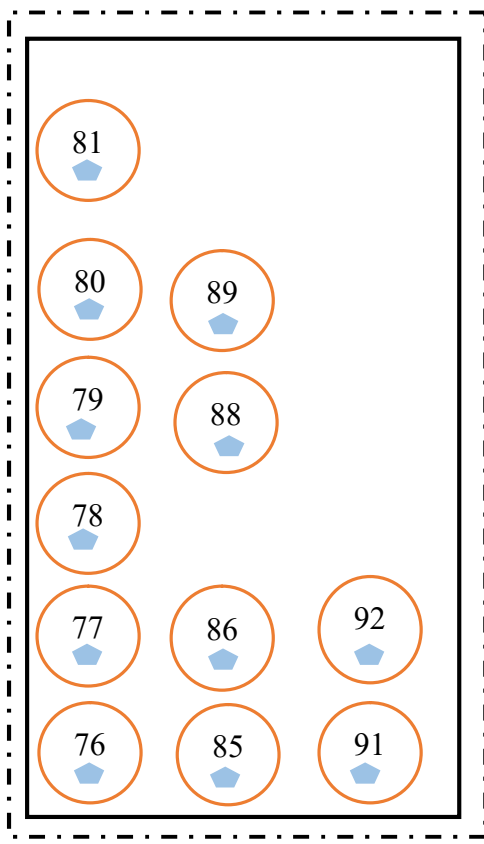
WG 92
PFA No. 02
Map No. 11



WG 92
PFA No. 02
Map No. 12



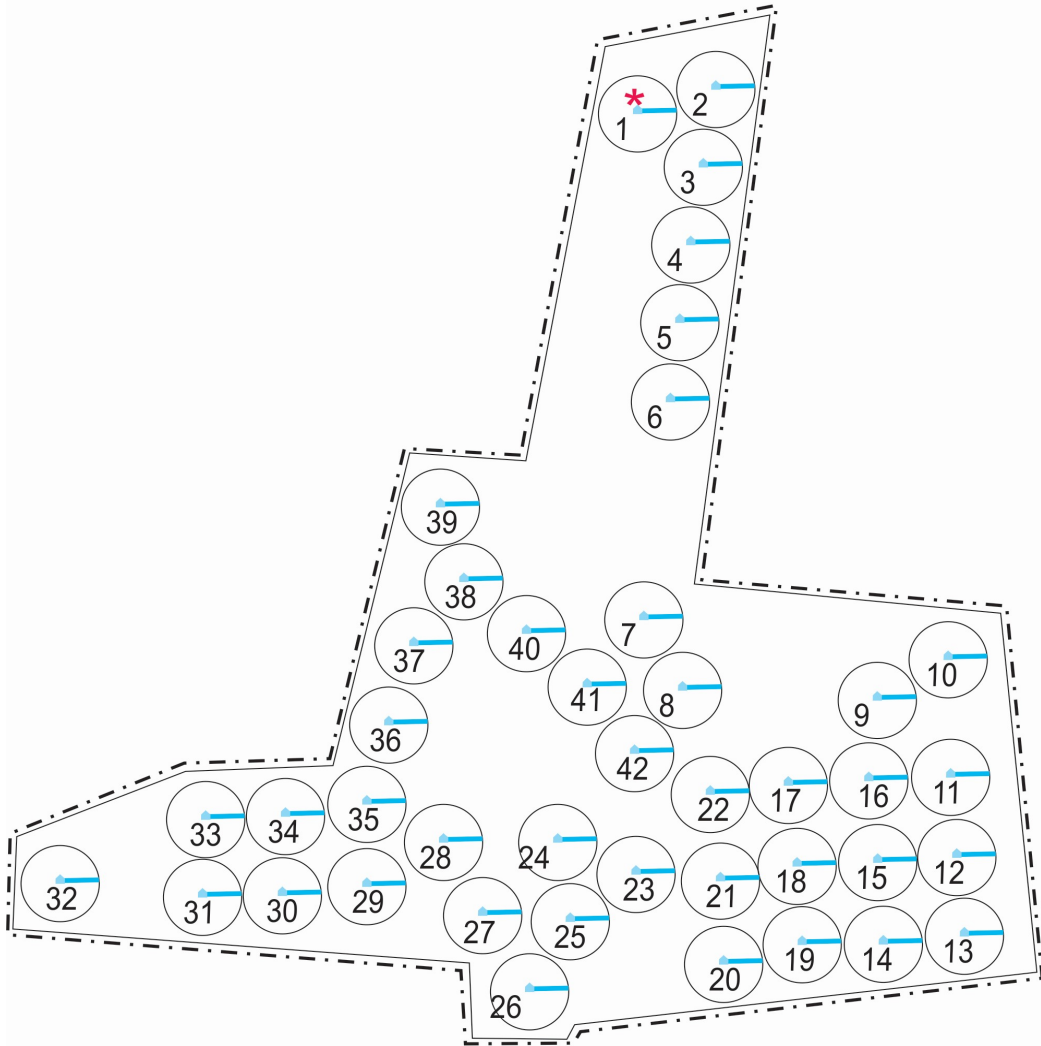
WG 92
PFA No. 02
Map No. 14



WG 92
PFA No. 02
MAP No.15

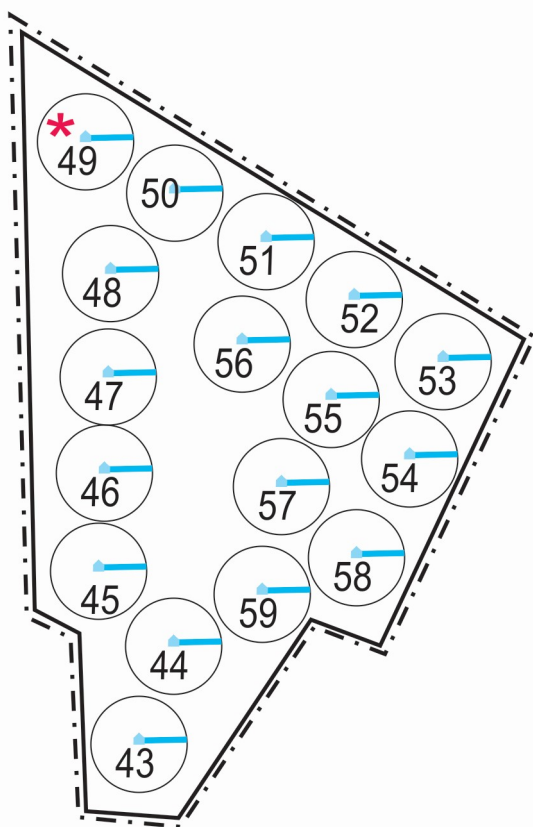
Codes No. of El-Wadi El-Geded (WG) 92, PFA No.03 (El Wahat El Bahria (03))

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2018	2019	2018	2019	
Map 1											
92	03	01	(01>42)	Al enmaa El Esaila							
Map 2											
92	03	02	(43>59)	Al enmaa El Baharia							
Map 3											
92	03	03	(01>10)	El Masrya EL istorya							
Map 4											
92	03	04	(01>10)	El-Waha							
Map 5											
92	03	05	(01>06, 08>10,26,27, 29,31)	Ganh El Reda1			04,09			38	
Map 6											
92	03	06	(02>03, 07>09)	Ganh El Reda2			03			14	
Map 07											
92	03	07	(05,07,08)	Ganh El Reda3							
Map 08											
92	03	08	(01>03, 06>07 ,12>15, 17,19)	El Taibat							
Map 09											
92	03	09	(01>02)	EL Ryhana							
Map 10											
92	03	10	(10)	Lena							



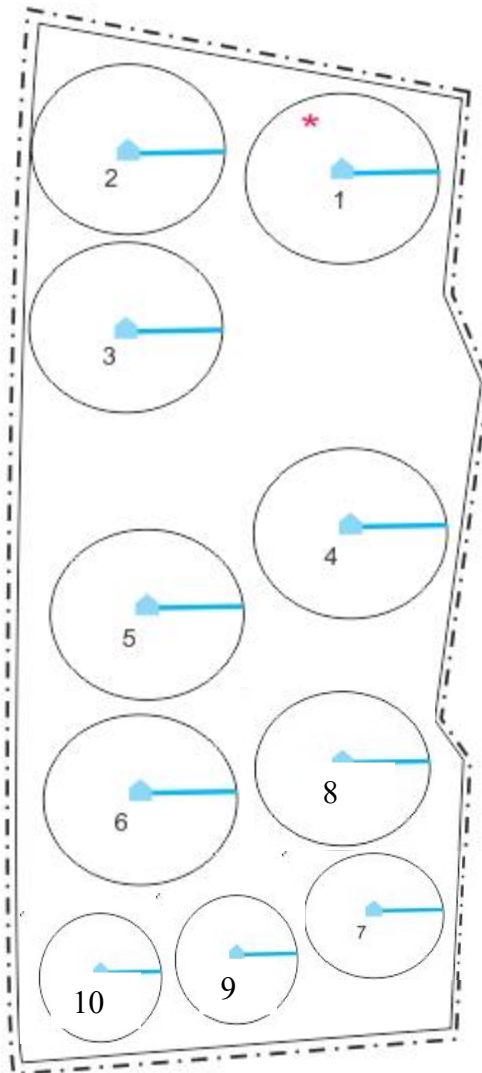
WG.92
PFA No.3
Map No.1

* P(1) X : 605074257
Y : 279307753



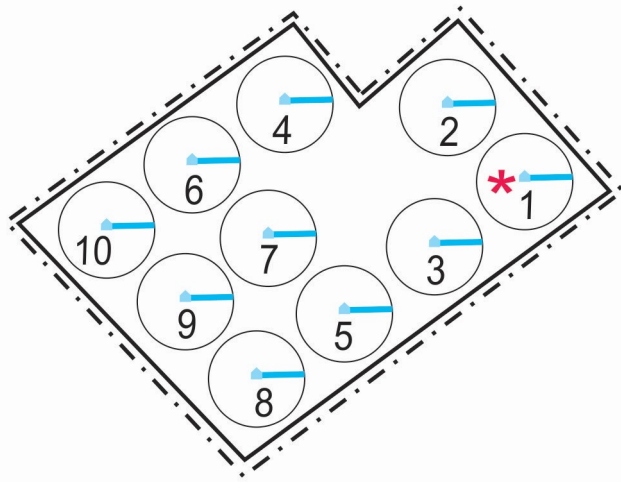
WG.92
PFA No.3
Map No.2

* P(9) X : 605074257
Y : 279307753



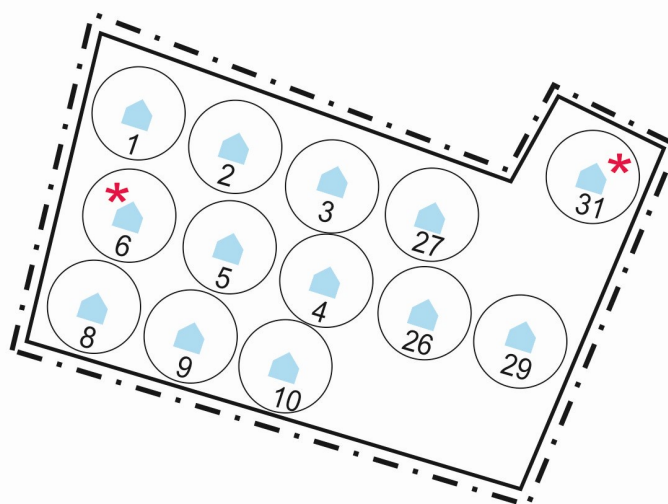
WG.92
PFA No.03
Map No.03

* P(1) X : 605074257
Y : 279307753



WG.92
PFA No.3
Map No.4

* P(1) X : 605074257
Y : 279307753

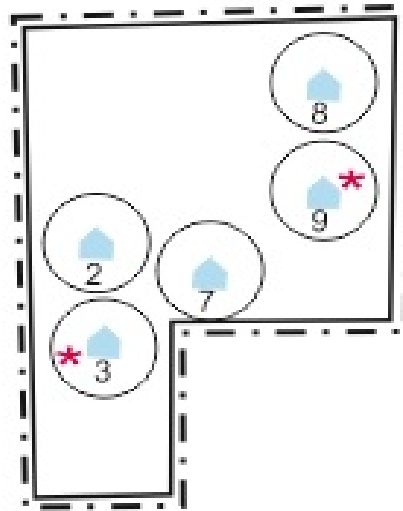


WG 92
PFA No.03
Map No.05

* P(6)E : 700760
N : 3117795

* P(31)E : 703464
N : 3117347

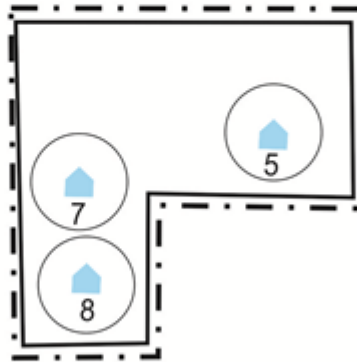
↑
N



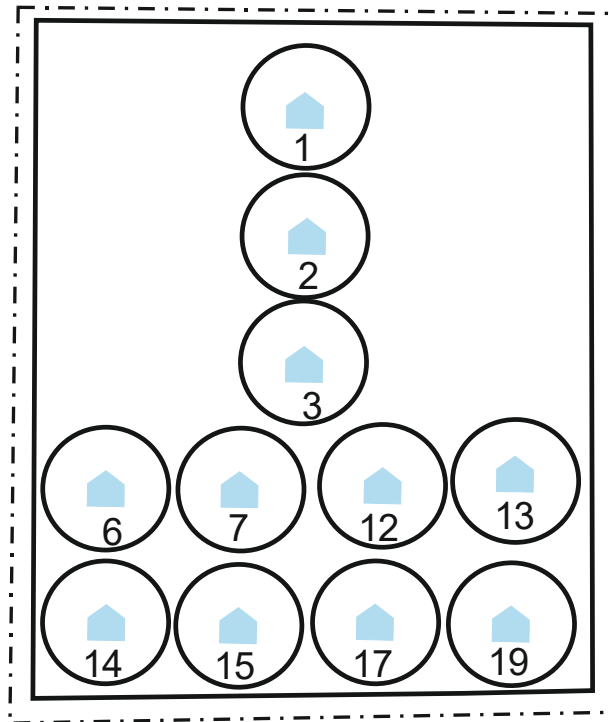
WG 92
PFA No.03
Map No.06

* P(3)E : 692069
N : 3120040

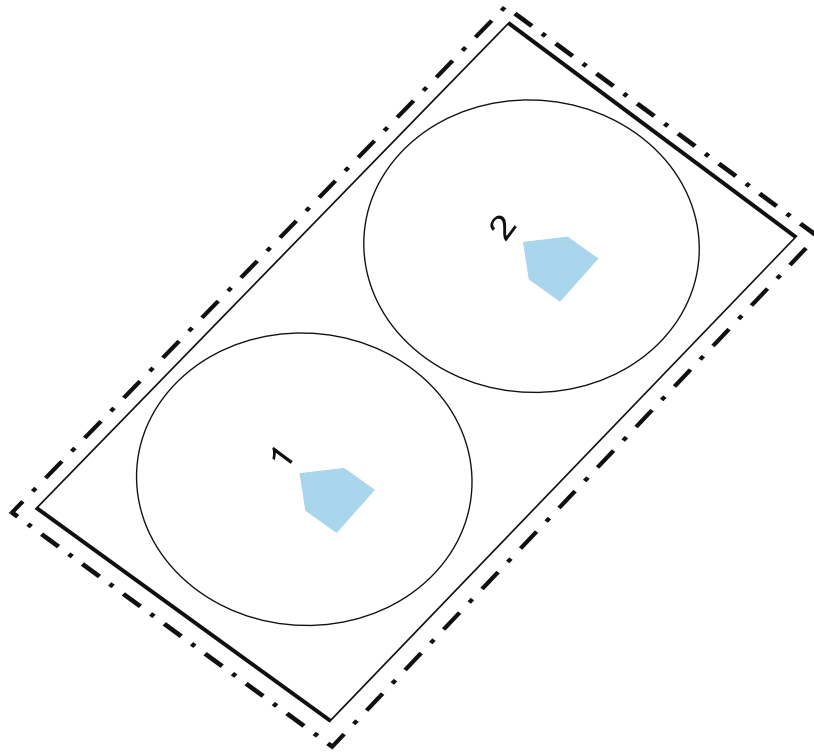
* P(9)E : 693584
N : 3120911



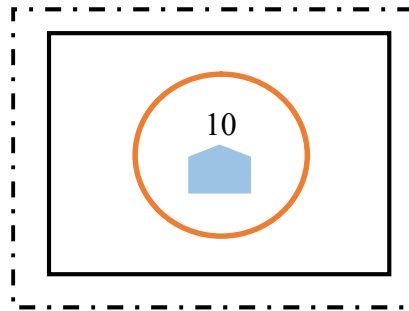
WG 92
PFA No.03
Map No.07



WG 92
PFA No.03
Map No.08



W G . 92
P F A No.03
M a p No.09



WG 92
PFA No. 03
Map No. 10