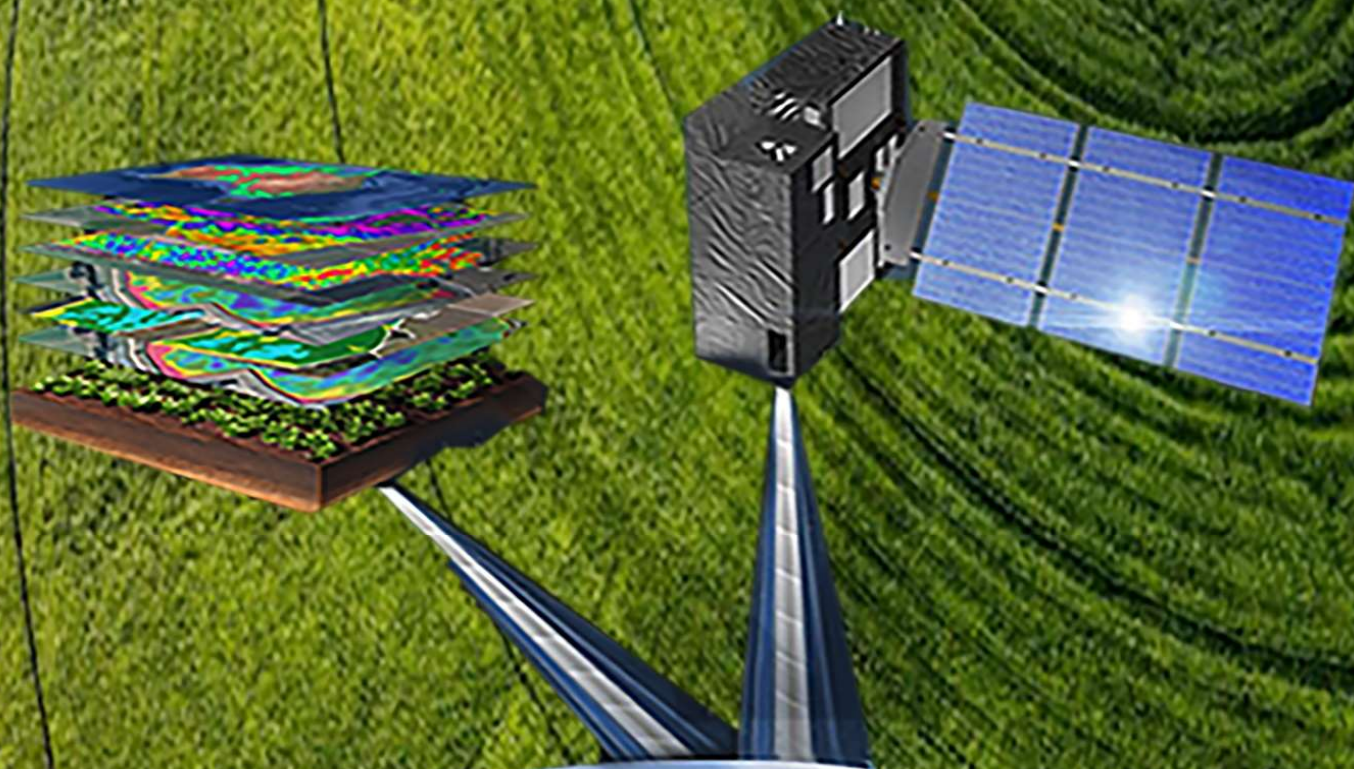




**Potato Brown Rot Project**

# Pest Free Area (PEAs) for Exporting Potatoes Season 2021/2022 Part B







## Part "B "

*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 2021/2022 season.

**Notice:** all Egypt is free from the following pests:-

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

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

Prof. Dr. Naglaa Moussa Balabel

Prof. Dr. Naglaa Balabel

Director of Potato Brown Rot Project

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وزارة الزراعة واستصلاح الاراضي  
مشروع حصر ومكافحة مرض العفن البني في البطاطس  
تليفون: /- ٣٣٣٦٣٥٨٢ - ٣٧٤٩٨٦٧٣ - ٣٣٣٦٨٣٩٨  
فاكس: ٣٧٤٩٥٥٣٤  
العنوان: ٣ شارع الاميرة فاطمة اسماعيل متفرع من شارع  
البطل احمد عبد العزيز - الجيزة

## CONTENTS

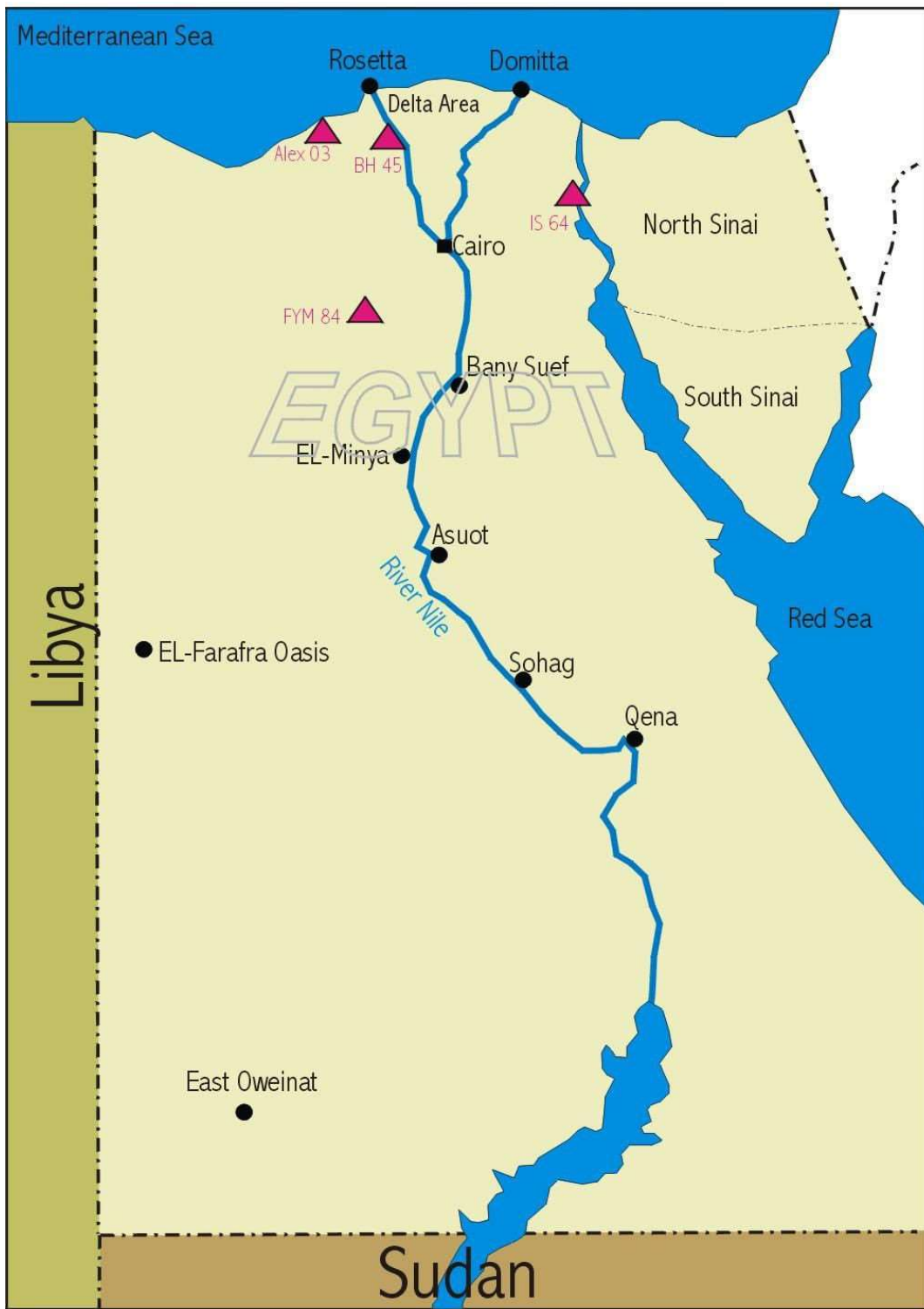
<b>No.</b>	<b>Gov.Code</b>	<b>PFA No.</b>	<b>PFA Name</b>	<b>Page</b>
1	Alex (03)			
		PFA 02	El-Bangar	6 : 11
		PFA 03	Mariott	12 : 26
2	BH (45)			
		PFA 11	Gharb El-Nubaria	30 : 39
		PFA 12	Shamal El-Tahrir	40 : 46
		PFA 13	Ganoub El-Tahrir	47 : 53
		PFA 14	El-Bostan	54 : 68
3	FYM (84)			
		PFA 01	Yousseif El-Sedik	71: 78
4	IS (64)			
		PFA 02	El-Kantarah Shark	82 : 92
		PFA 03	El-Tal El-Kebir	93 : 104
		PFA 07	Fayed	105 : 109
		PFA 08	El-Kantara Gharb	110 : 120

### All information about PFAs (B) for different Egyptian Governorate

No.	Gov. Code	PFA No.	PFA Name	Total PFA ( feddan)	No. of Farm	No. of pivots	No. of basins
1.	Alex (03)	02	El-Bangar	3465	4	0	233
		03	Mariott	15570	11	0	1038
<b>Total</b>				<b>19035</b>	<b>15</b>	<b>0</b>	<b>1271</b>
2.	BH (45)	11	Gharb El-Nubaria	5000	8	0	564
		12	Shamal El-Tahrir	5400	5	0	138
		13	Ganoub El-Tahrir	1975	5	0	7
		14	El-Bostan	21900	13	0	1001
<b>Total</b>				<b>34275</b>	<b>31</b>	<b>0</b>	<b>1710</b>
3.	FYM (84)	01	Yousseif El-Sedik	3200	5	0	132
<b>Total</b>				<b>3200</b>	<b>5</b>	<b>0</b>	<b>132</b>
3.	IS (64)	02	El-Kantarah Shark	5250	4	0	597
		03	El-Tal El-Kebir	5715	9	1	106
		07	Fayed	800	2	0	16
		08	El-Kantara Gharb	3200	8	0	48
<b>Total</b>				<b>14965</b>	<b>23</b>	<b>1</b>	<b>767</b>
<b>General Total</b>				<b>71475</b>	<b>74</b>	<b>1</b>	<b>3880</b>











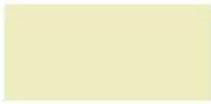












# MAPS KEY

	Highway
	Paved Road, PFA Boundary
	Dirt Road, Basin Border
	Railway
	Main Drain with two roads one of them paved
	Branch Drain with two roads one of them paved
	Small Drain
	Main Canal with two roads one of them paved
	Branch Canal with two roads one of them paved
	Small Canal
	Pump Station
	Artisan well
	Valve
	Village
	Sandy Area
	Map Boundary
	Farm Border
	Infested Area
	Pivot
	Weed Sample
	Water Sample
	GPS Data
	Administration building
	Area for horticulture

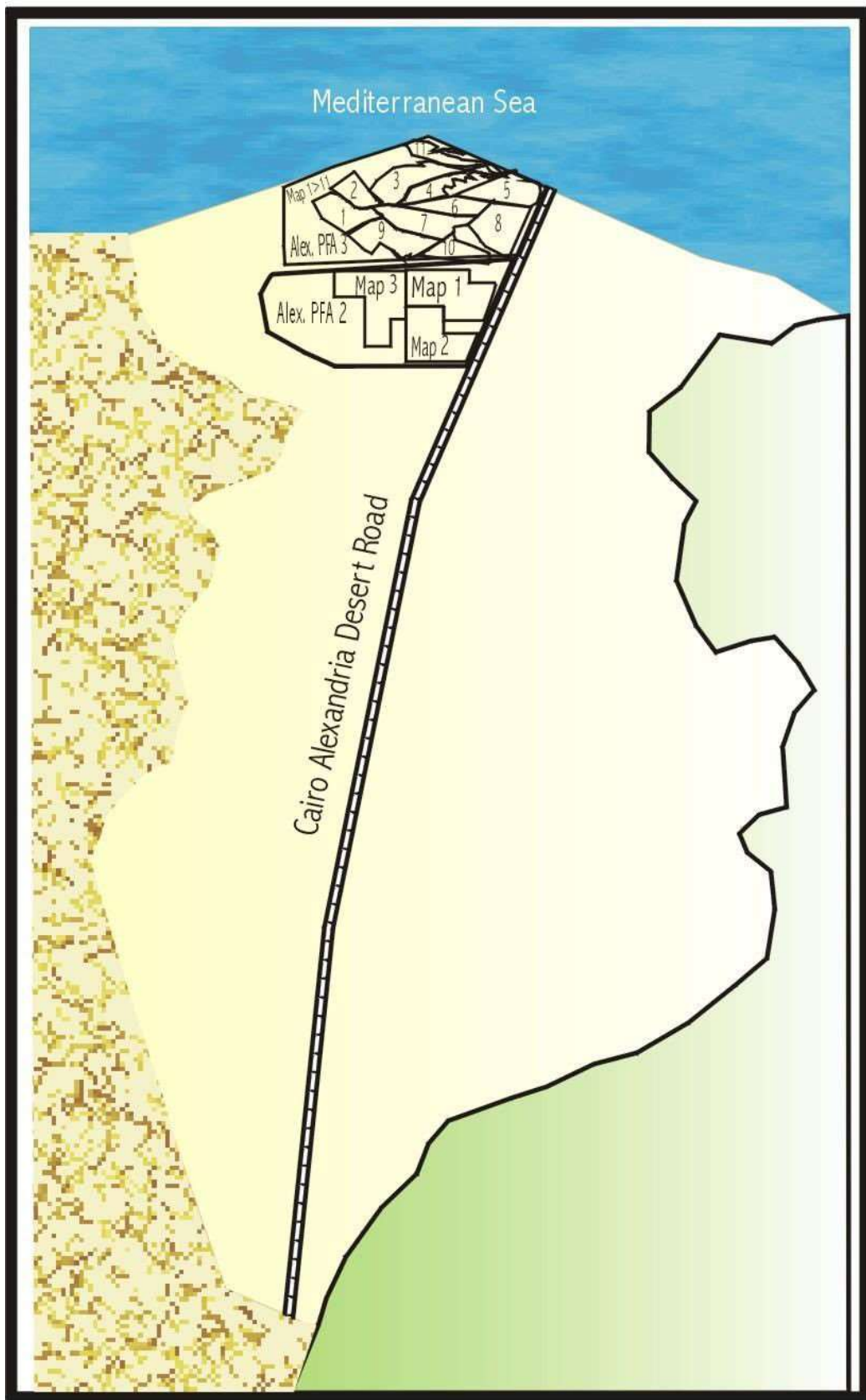


# PEST FREE AREA

Alex (03)

2021/2022





General Map  
Alexandria 03

*General data of the PFAs at Alexandria (Alex) 03*

PFA	Total Pest Free Areas (feddan) 2021/2022	Proposed potato areas (fed.) 2021/2022		No of basins (pivots)	Visual inspection 2020/2021		IF test 2020/2021		Export to EU (tons) 2020/2021 Export	Proposed For 2021/2022		
		Total	Export		No of samples	No of basins (Pivot)	No of samples			No of basins (Pivot)	No of water samples	No of weed samples
							Total	Export				
PFA 02	3465	500	250	233	0	0	0	0	0	164	167	
PFA 03	15570	940	270	1038	0	0	0	0	0	238	117	
Total	19035	1440	520	1271	0	0	0	0	0	402	284	



*Pest Free Area Sheet*  
*Alexandria (Alex) 03, PFA No.02*

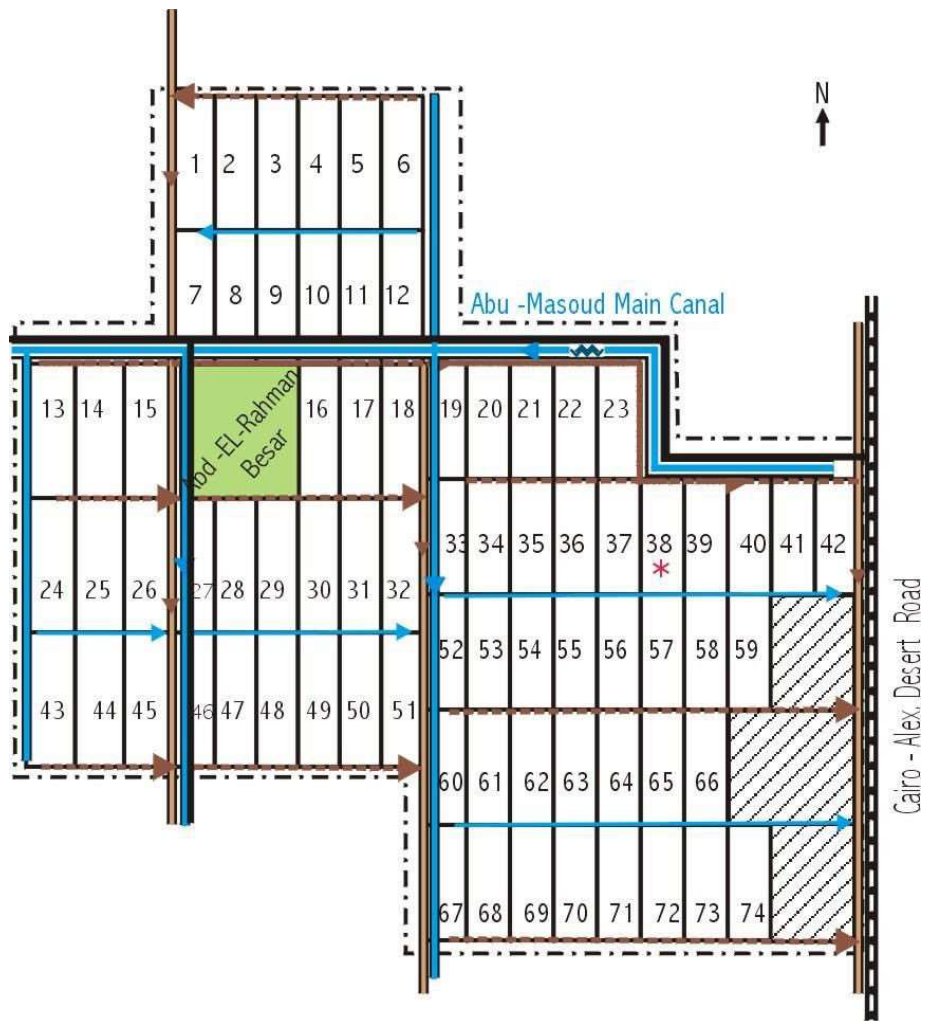
1. Name of PFA: El-Bangar
2. No. of maps: 4
3. Boundaries:
  - North: Mediterranean Sea
  - South: El-Beheira Governorate
  - East : El-Beheira Governorate
  - West : Marsa Matrouh Governorate
4. Total Pest Free Area ( feddan ): 3465
  - Total area proposed for potato: 500
  - Total area proposed for export: 250
5. Type of soil : Sandy to loamy sand
6. Irrigation system: Drip and flooding irrigation
7. Source of water: El-Nasr and El-Wafaa Canal
8. Rotation System: 

2018/2019	2019/2020	2020/2021
Summer season:	Maize & others	Peanut and others
Winter season:	Potato, Wheat and others	Clover, Beans,wheat

 Sesame, Maize  
Wheat and others
9. No. of basins: 233
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 No Potato Planting
13. No. of water samples tested: 164 (free)
14. No. of weed samples tested: 167 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 4
19. General remarks:

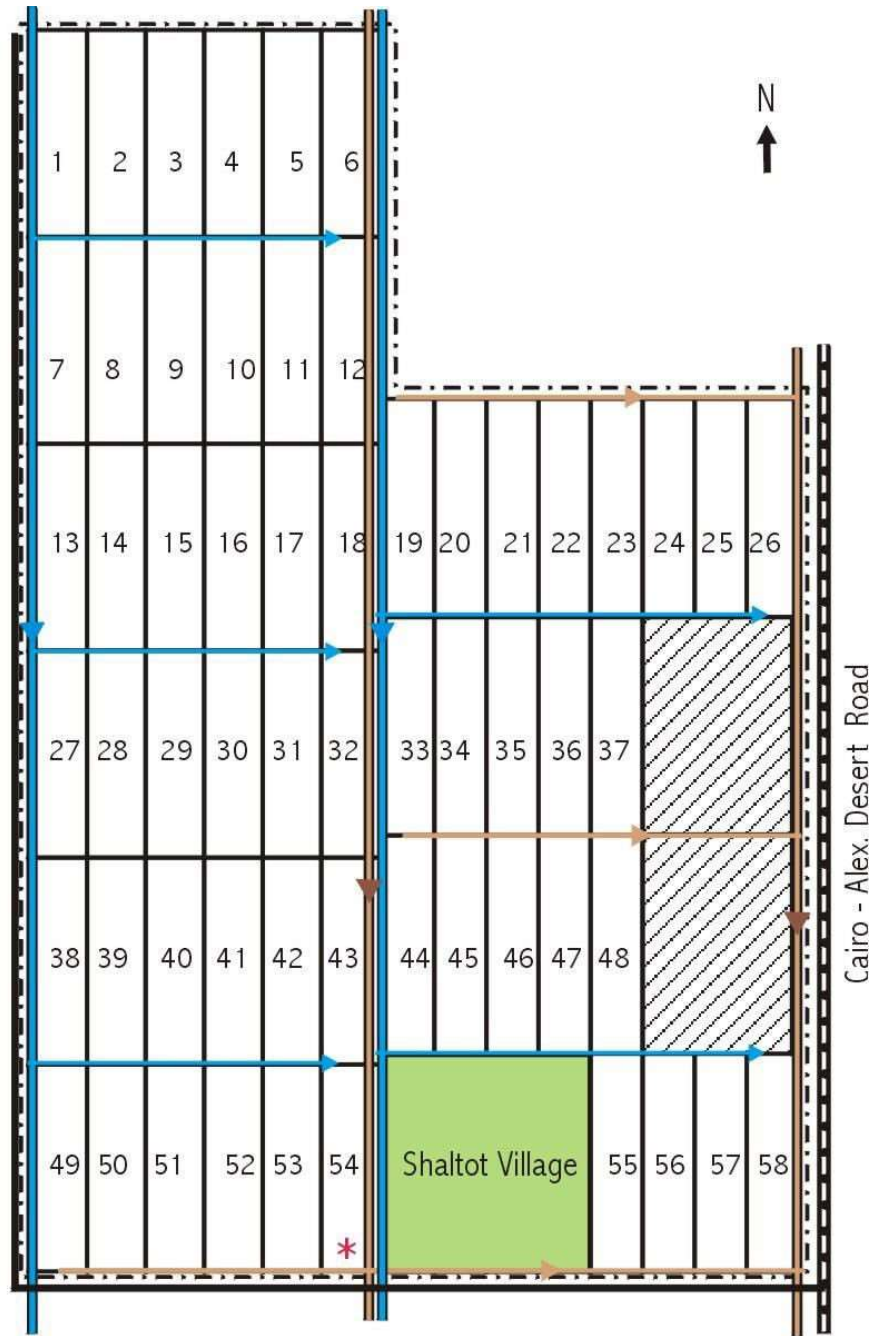
**Codes No. of Alexandria (Alex) 03, PFA No.02 (El-Bangar)**

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2020	2021	2020	2021
Map 1										
03	02	01	01>74	Abd ElRahman Besar						
Map 2										
03	02	02	01>58	Shaltout						
Map 3										
03	02	03	01>99	El-Wafaa						
Map 10										
03	02	10	01>02	El-Sherif						



Alex 03  
PFA No.2  
Map No.1

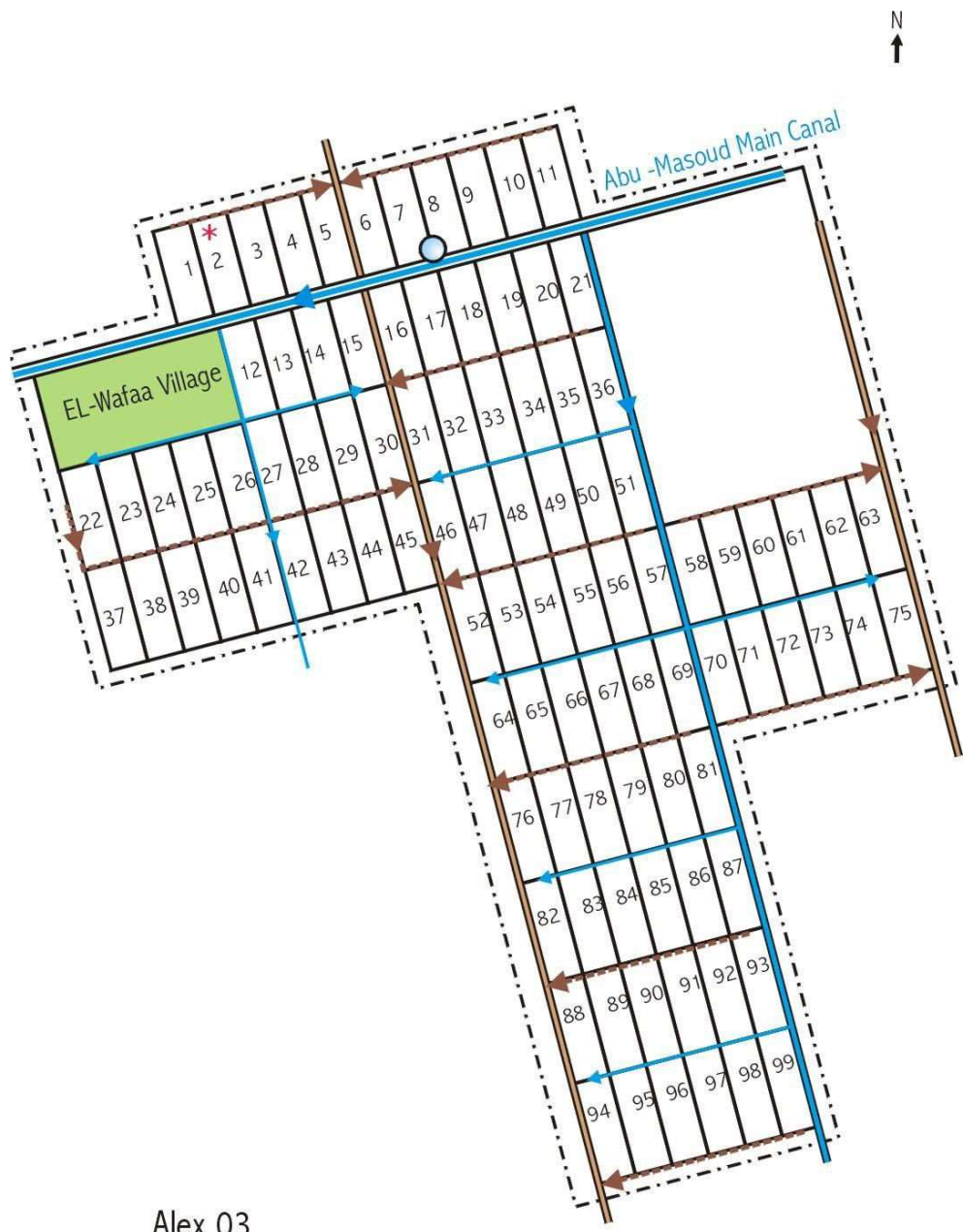
\* X : 3780686  
Y : 3412476



Alex 03  
PFA No.2  
Map No.2

\* X : 3409981  
Y : 3783107





Alex 03  
 PFA No.2  
 Map No.3

\* X : 3409188  
 Y : 3776888



Alex 03  
PFA No.02  
Map No.10

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

1. Name of PFA: Mariott
2. No. of maps: 11
3. Boundaries:
  - North: Mediterranean Sea
  - South: El-Beheira Governorate
  - East : El-Beheira Governorate
  - West : Marsa Matrouh Governorate
4. Total Pest Free Area ( feddan ): 15570
  - Total area proposed for potato: 940
  - Total area proposed for export: 270
5. Type of soil : Clay and sandy loam
6. Irrigation system: Drip and flooding irrigation
7. Source of water: El-Nasr Canal
8. Rotation system:

	2018/2019	2019/2020	2020/2021
Summer season:	Maize and others	Maize & Peanut	Peanut & Melon
Winter season:	Wheat & Vegetables	Wheat, Clover and Potato	Wheat, Beans
9. No. of basins: 1038
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 No Potato Planting
13. No. of water samples tested: 238 (free)
14. No. of weed samples tested: 117 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 950
19. General remarks:

*Codes No. of Alexandria (Alex) 03, PFA No.03 (Mariott)*

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2020	2021	2020	2021
Map 1										
03	03	01 (1)	01>23	El-Greesat (1)						
		01 (2)	01>40	El-Greesat (2)						
		01 (3)	01>10 12>43	El-Greesat (3)						
Map 2										
03	03	02 (1)	01>20	Raheem (1)						
		02 (2)	01>28	Raheem (2)						
		02 (3)	01>20	Raheem (3)						
Map 3										
03	03	03 (1)	01>34	Baheeg (1)						
		03 (2)	01>21	Baheeg (2)						
		03 (3)	01>29	Baheeg (3)						
Map 4										
03	03	04 (1)	01>28	Mostafa Kamel (1)						
		04 (2)	01>29	Mostafa Kamel (2)						
		04 (3)	01>34	Mostafa Kamel (3)						
		04 (4)	01>24	Mostafa Kamel (4)						
Map 5										
03	03	05 (1)	01>16	Ahmed Oraby (1)						
		05 (2)	01>24	Ahmed Oraby (2)						
		05 (3)	01>14	Ahmed Oraby (3)						
Map 6										
03	03	06 (1)	01>23	Falastine (1)						
		06 (2)	01>24	Falastine (2)						
		06 (3)	01>08	Falastine (3)						



		06 (4)	01>28	Falastine (4)						
		06 (5)	01>24	Falastine (5)						
Map 7										
03	03	07 (1)	01>39	El-Yaman (1)						
		07 (2)	01>33	El-Yaman (2)						
		07 (3)	01>32	El-Yaman (3)						
		07 (4)	01>22	El-Yaman (4)						
Map 8										
03	03	08 (1)	01>18	El-Gazayer (1)						
		08 (2)	01>22	El-Gazayer (2)						
		08 (3)	01>20	El-Gazayer (3)						
Map 9										
03	03	09 (1)	01>26	El-Salam (1)						
		09 (2)	01>30	El-Salam (2)						
		09 (3)	01>26	El-Salam (3)						
		09 (4)	01>15	El-Salam (4)						
		09 (5)	01>37	El-Salam (5)						
		09 (6)	01>28	El-Salam (6)						
		09 (7)	01>16	El-Salam (7)						
		09 (8)	01>13	El-Salam (8)						

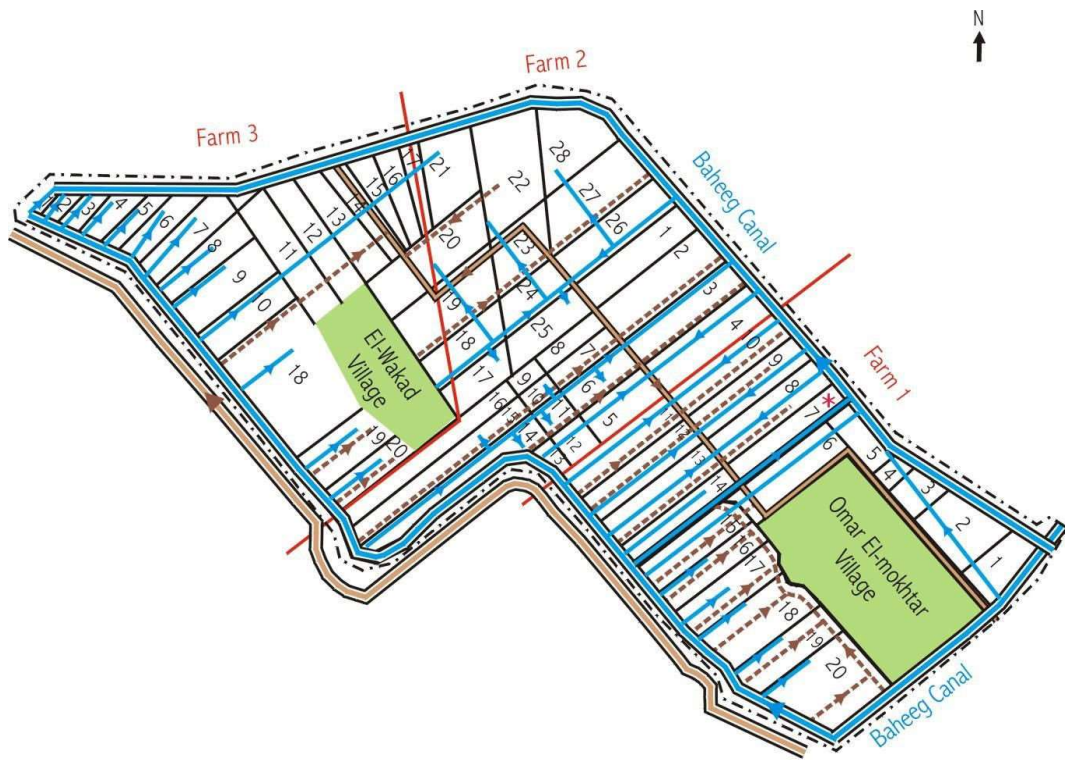
*Codes No. of Alexandria (Alex) 03, PFA No.03 (Mariott)*

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2020	2021	2020	2021	
Map 10											
03	03	10 (1)	01>32	Abou Massoud (1)							
		10 (2)	01>17	Abou Massoud (2)							
Map 11											
03	03	11 (1)	01>33	Baheeg (1)							
		11 (2)	01>25	Baheeg (2)							
		11 (3)	01>17	Baheeg (3)							



Alex 03  
 PFA No.3  
 Map No.1

\* X : 3420550  
 Y : 3764800



Alex 03  
 PFA No.3  
 Map No.2

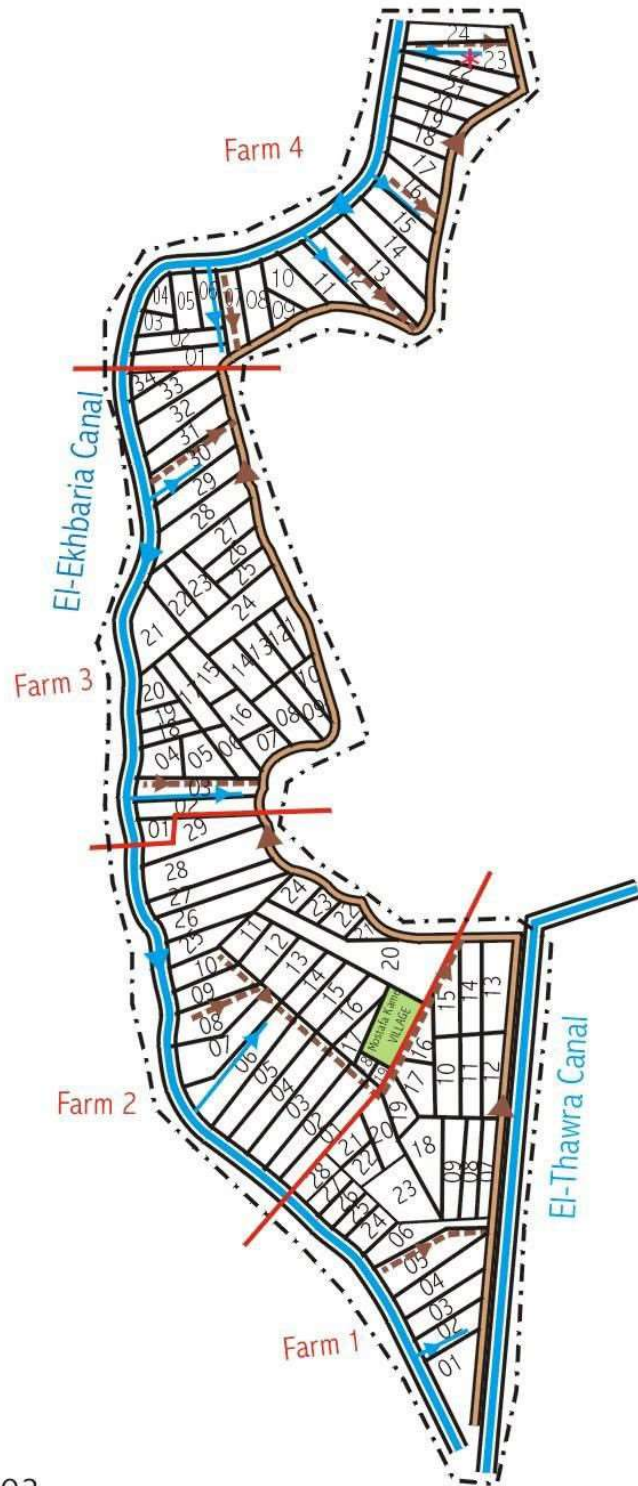
\*X : 3422293  
 Y : 3763534





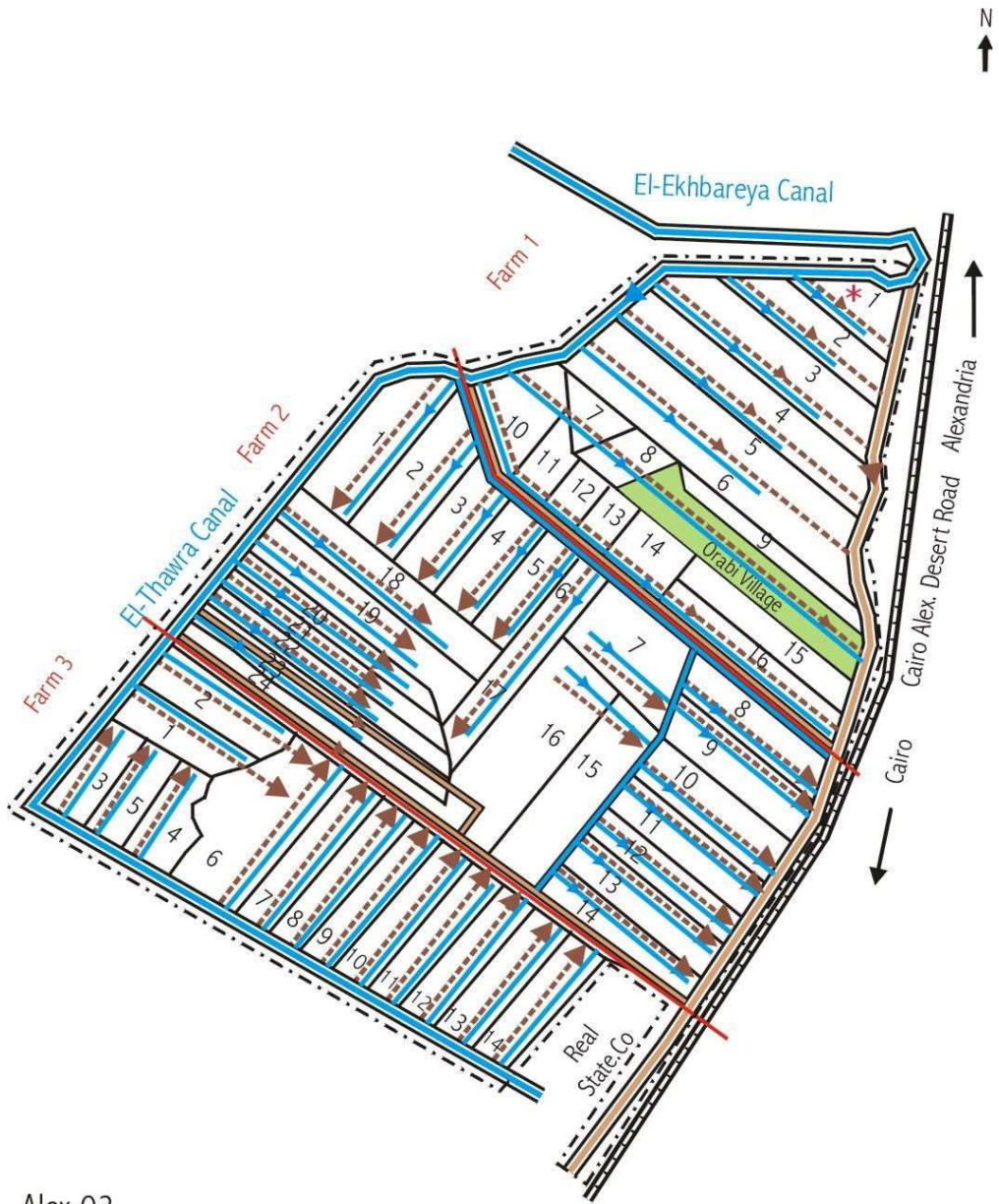
Alex 03  
 PFA No.3  
 Map No.3

\* X : 3424824  
 Y : 3747507



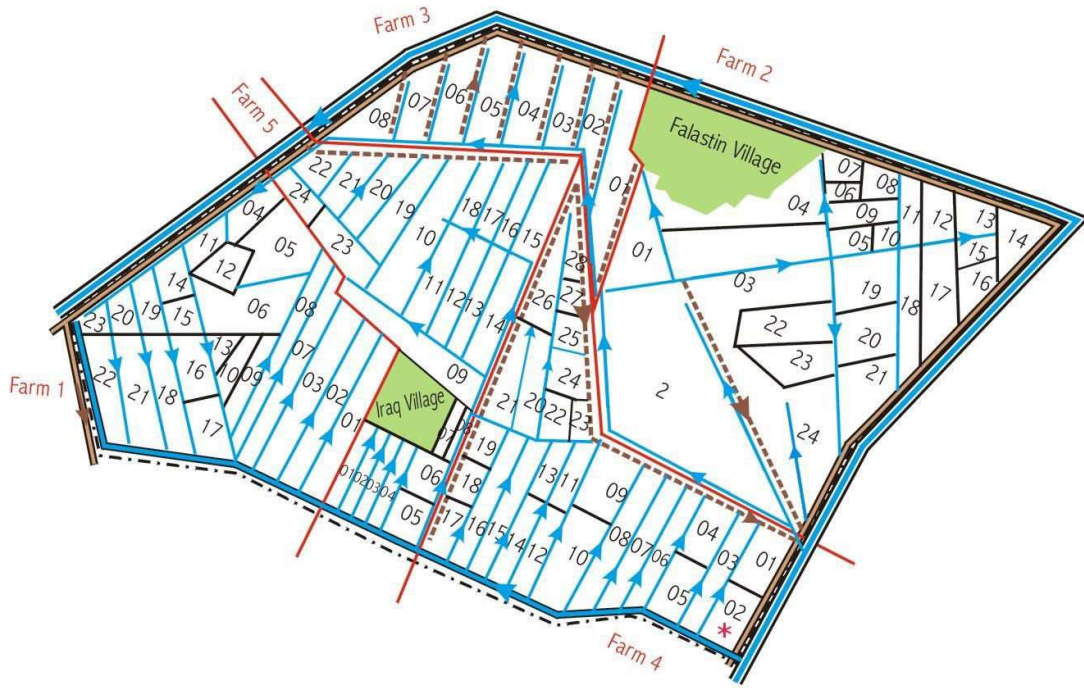
Alex 03  
PFA No.3  
Map No.4

\* X : 3426024  
Y : 3766790



Alex 03  
 PFA No.3  
 Map No.5

\* X : 3432610  
 Y : 3769086



Alex 03  
PFA No.3  
Map No.6

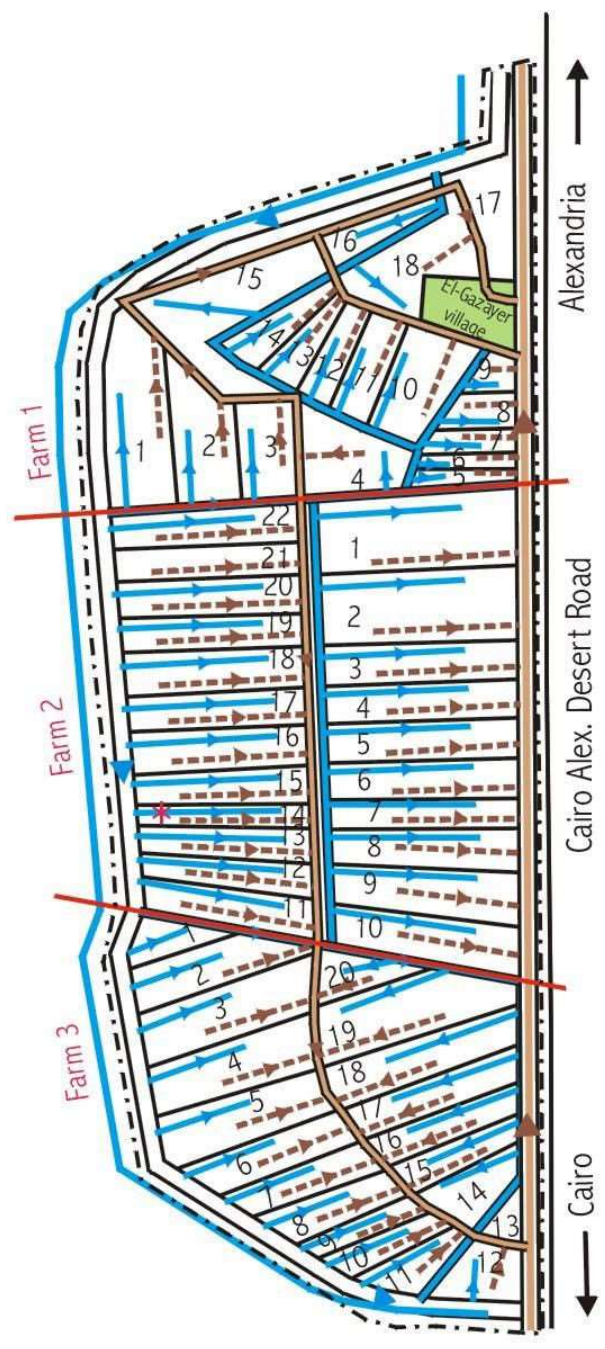
\* X : 3428008  
Y : 3768365





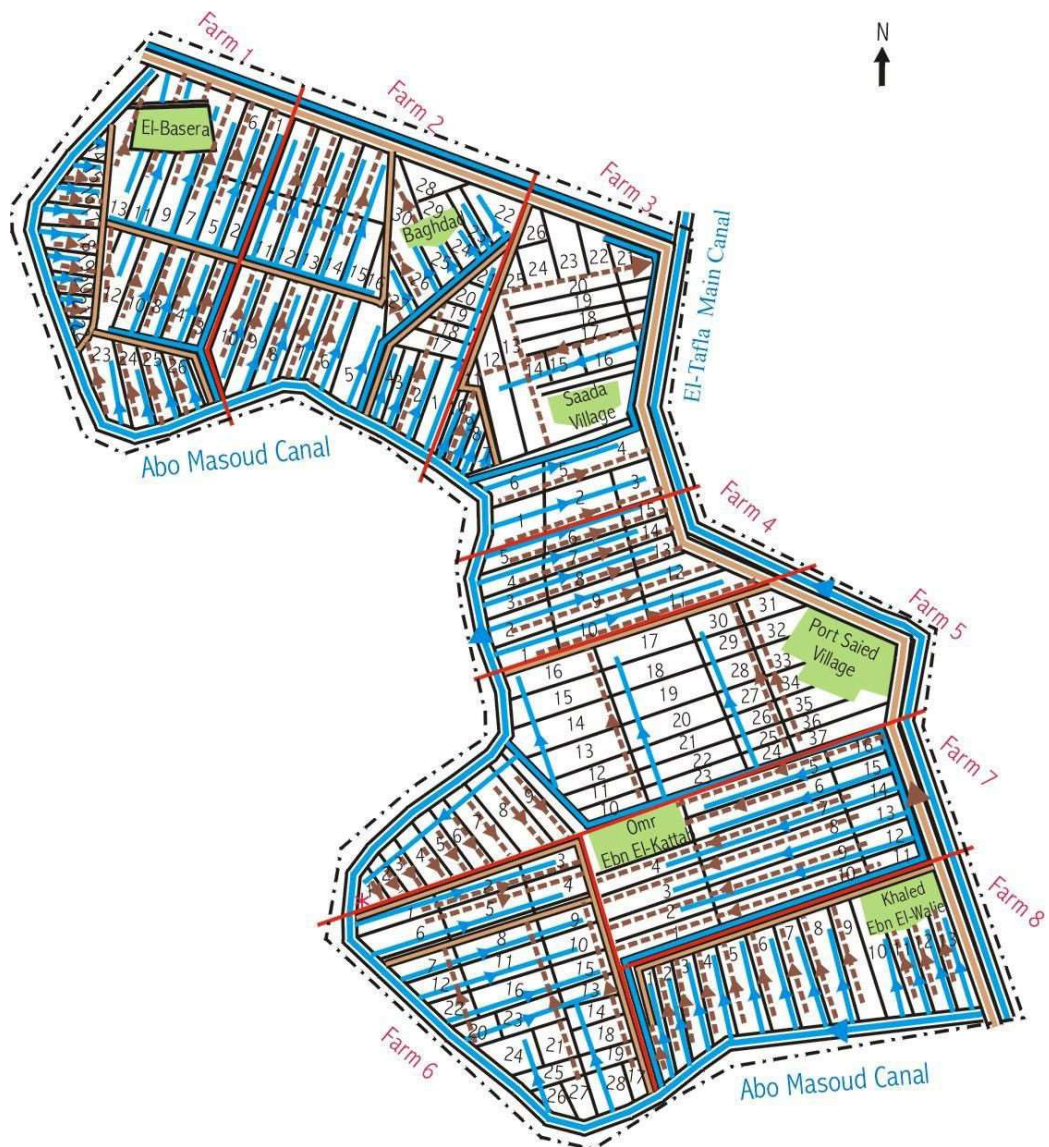
Alex 03  
 PFA No.3  
 Map No.7

\* X : 3427570  
 Y : 3767715



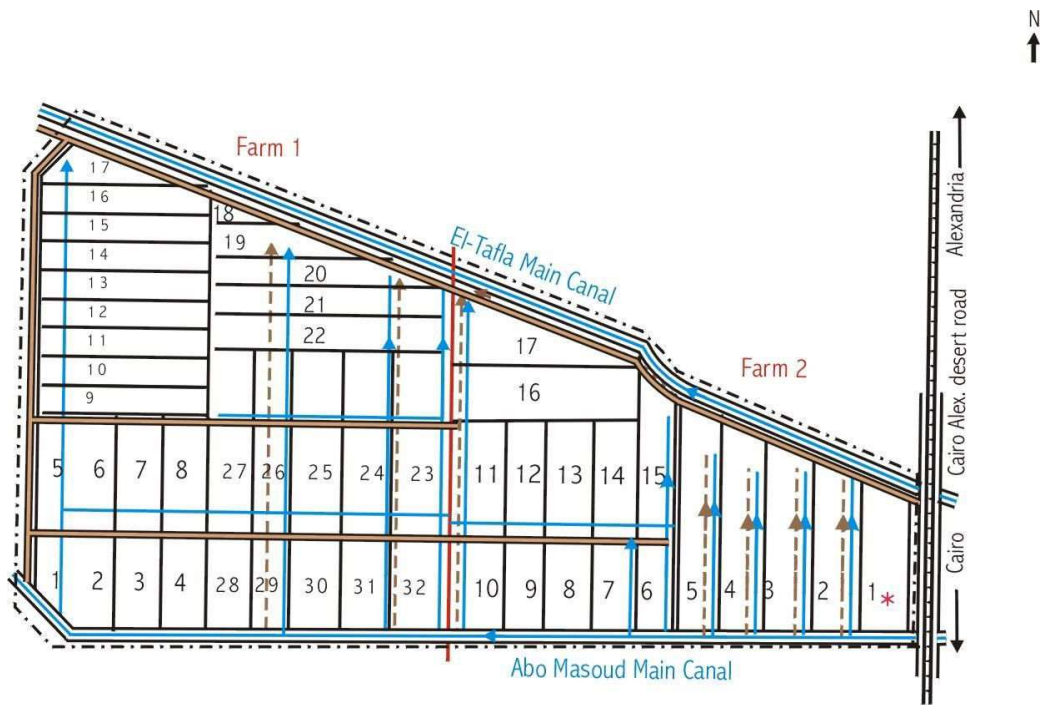
Alex 03  
PFA No.3  
Map No.8

\* X : 3428037  
Y : 3772231



Alex 03  
 PFA No.3  
 Map No.9

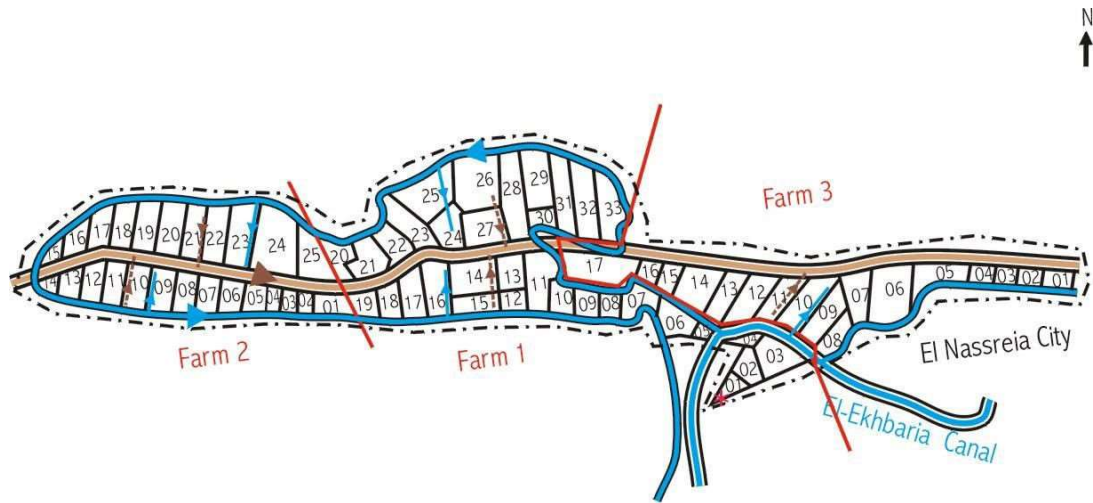
\* X : 3774553  
 Y : 3414857



Alex 03  
 PFA No.3  
 Map No.10

\* X : 3779562  
 Y : 3414521





Alex 03  
 PFA No.3  
 Map No.11

\* X : 3424735  
 Y : 3747493

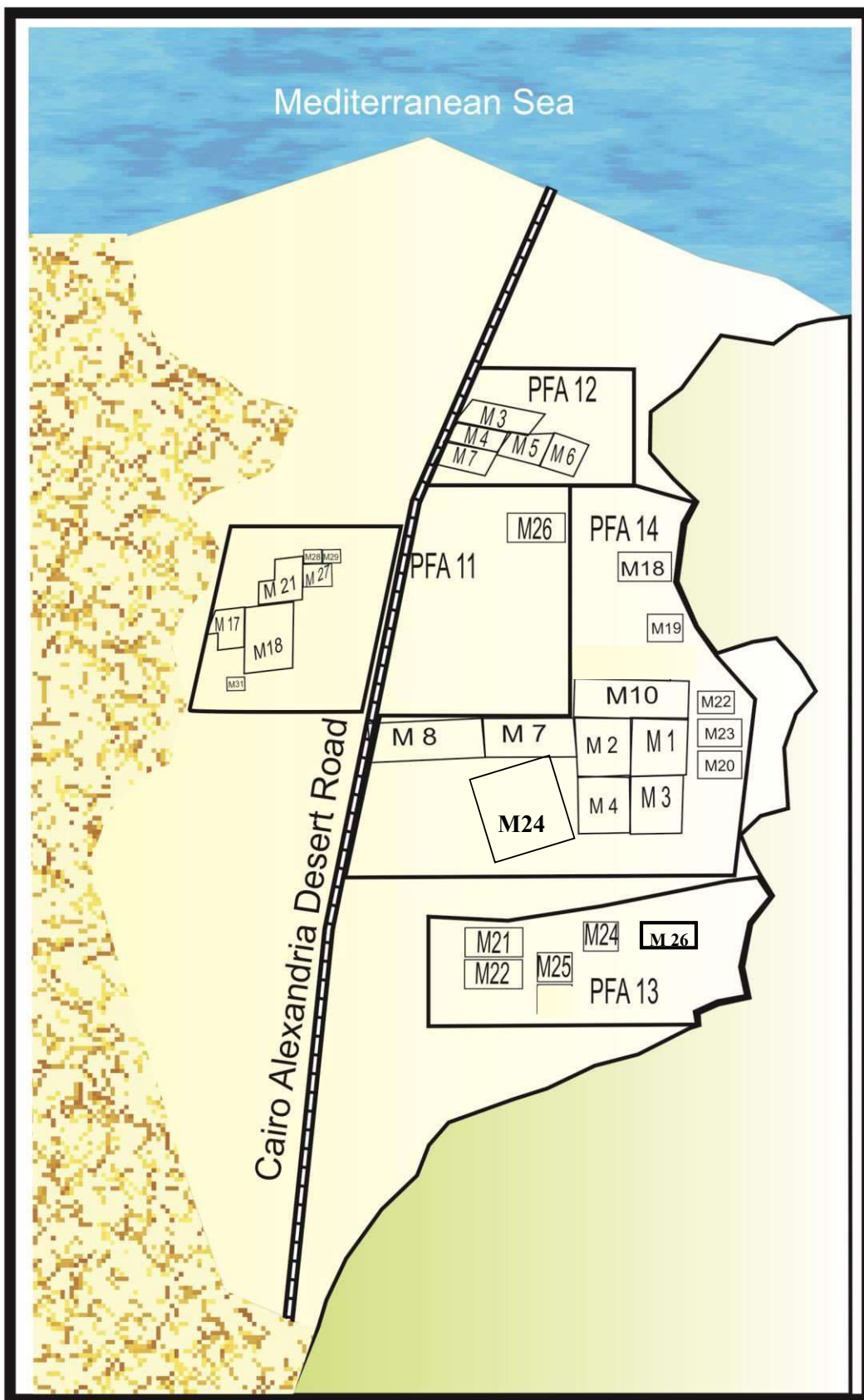


**PEST FREE AREA**

**BH (45)**

**2021/2022**





General Map  
Beheira 45

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

PFA	Total Pest Free Areas (feddan) 2021/2022	Proposed potato areas (fed.) 2021/2022		No of basins (pivots)	Visual inspection 2020/2021		IF test 2020/2021			Export to EU (tons) 2020/2021 Export	Proposed For 2021/2022	
		Total	Export		No of samples	No of basins (Pivot)	No of samples		No of basins (Pivot)		No of water samples	No of weed samples
							Total	Export				
PFA 11	5000	1800	1050	564	0	0	0	0	0	0	204	102
PFA 12	5400	1600	700	138	0	0	0	0	0	0	150	93
PFA 13	1975	850	500	7	0	0	0	0	0	0	125	99
PFA 14	21900	2600	1600	1001	0	0	0	0	0	0	433	290
Total	34275	6850	3850	1710	0	0	0	0	0	0	912	584

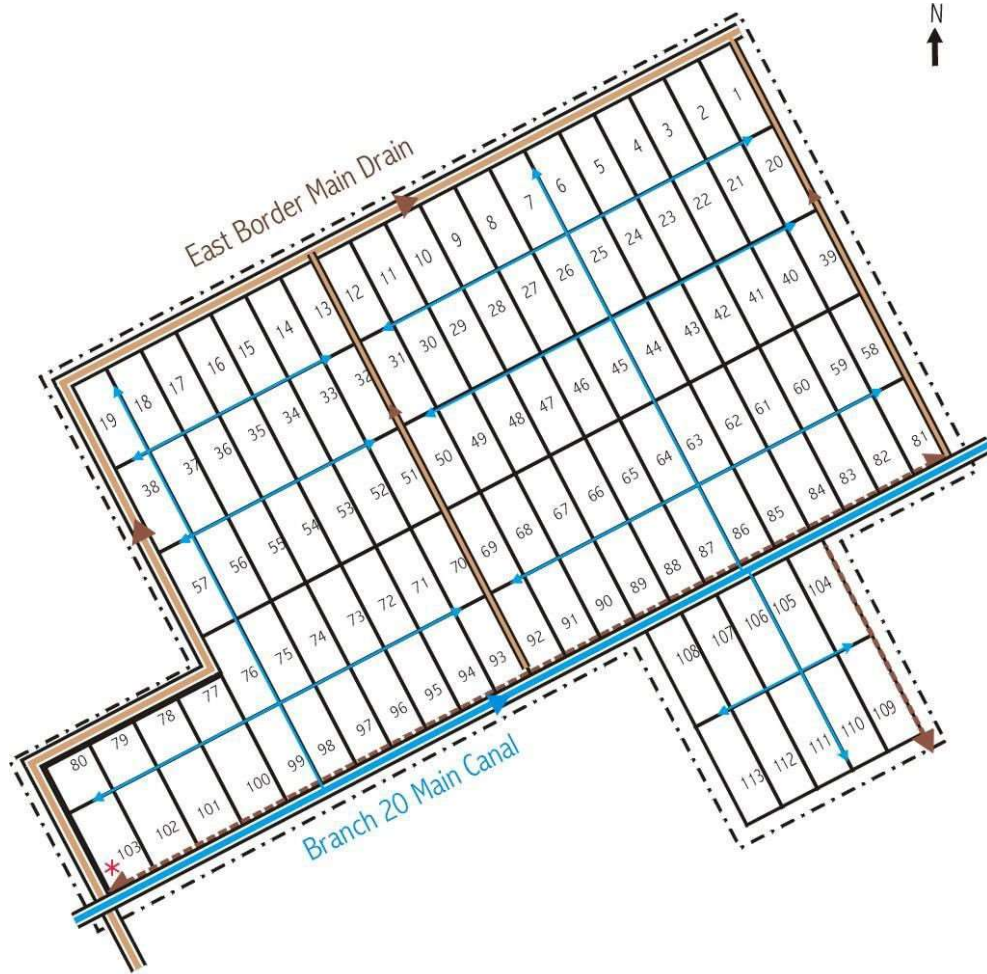
*Pest Free Area Sheet*  
*El-Beheira (BH) 45, PFA No.11*

1. Name of PFA: Gharb El-Nubaria
2. No. of maps: 8
3. Boundaries:
  - North: PFA 12 & Desert area
  - South: PFA 14 & PFA 10
  - East : PFA 14
  - West : Desert area
4. Total Pest Free Area ( feddan ): 5000
  - Total area proposed for potato: 1800
  - Total area proposed for export: 1050
5. Type of soil : Sandy
6. Irrigation system: Drip and flooding irrigation
7. Source of water: El-Nasr Canal and wells
8. Rotation system :

2018/2019	2019/2020	2020/2021
Summer season: Maize & other	Maize, Peanut	Peanut & Melon
Winter season: Potato & Vegetables	Wheat, Clover and Potato	Potato, Beans
9. No. of basins: 564
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: 204 (free)
14. No. of weed samples tested: 102 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 850
19. General remarks:

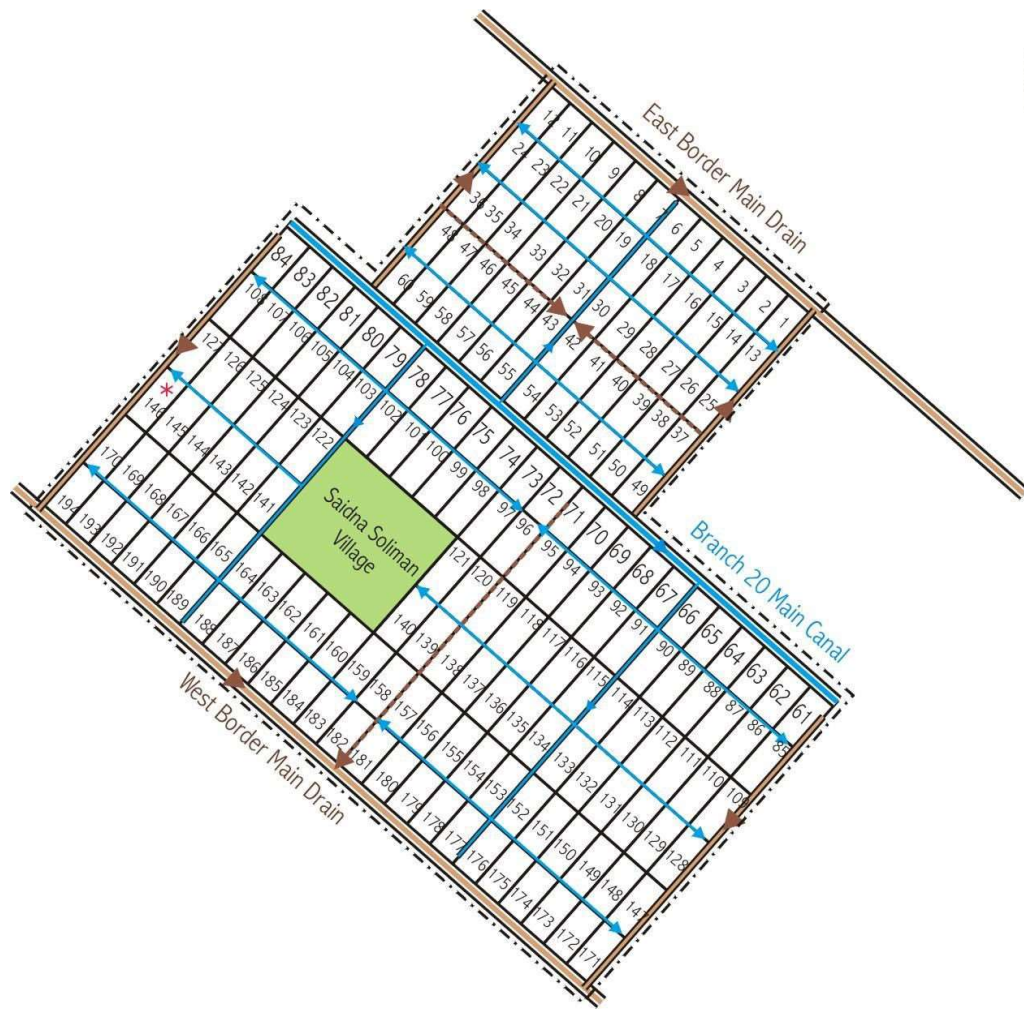
**Codes No. of EI- Beheira (BH) 45, PFA No.11 (Gharb EI-Nubaria)**

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2020	2021	2020	2021	
Map 17											
45	11	17	01>113	Hoseen Abu- EIUssr							
Map 18											
45	11	18	01>194	Saidna Soliman							
Map 21											
45	11	21	01>250	Abd ElHaleem Mahmoud							
Map 26											
45	11	26	01>02	Vailly Farm							
Map 27											
45	11	27	01>02	Ramsis							
Map 28											
45	11	28	01	El-Ma'rahy							
Map 29											
45	11	29	01	El-Maraw							
Map 31											
45	11	31	01	El- Mostafa							



BH 45  
 PFA No.11  
 Map No.17

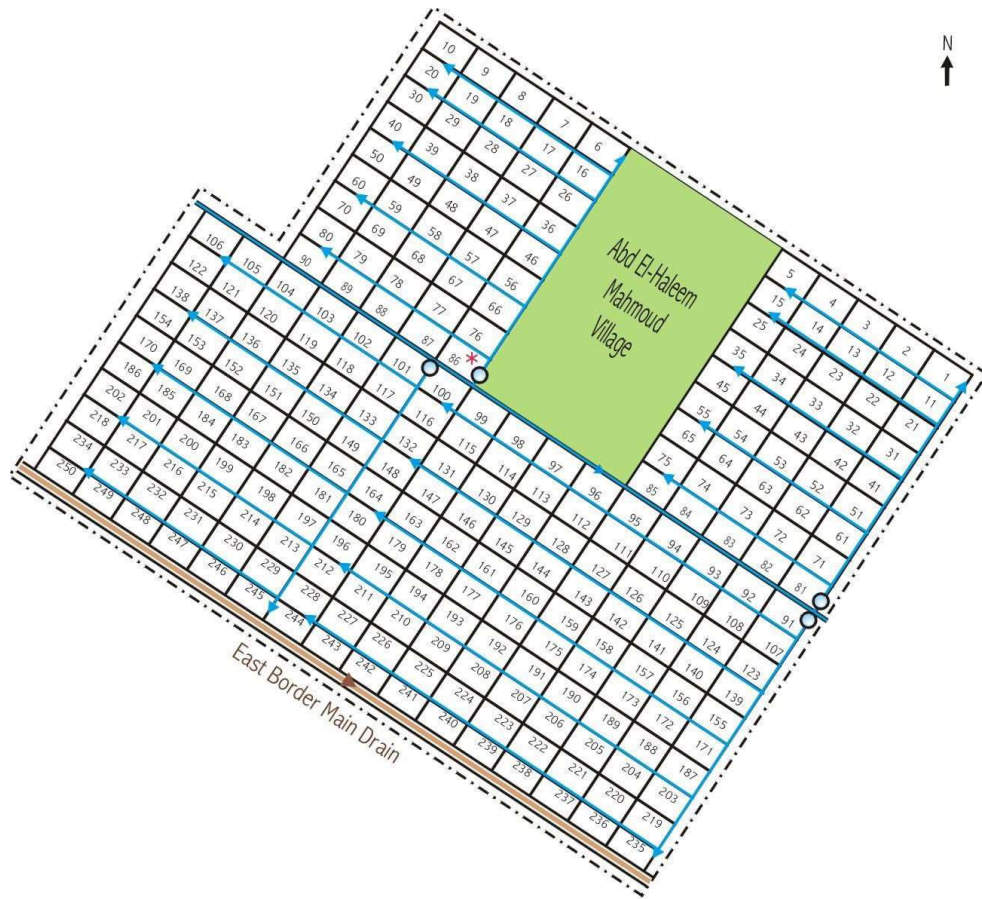
\* X : 3779485  
 Y : 3398626



BH 45  
 PFA No.11  
 Map No.18

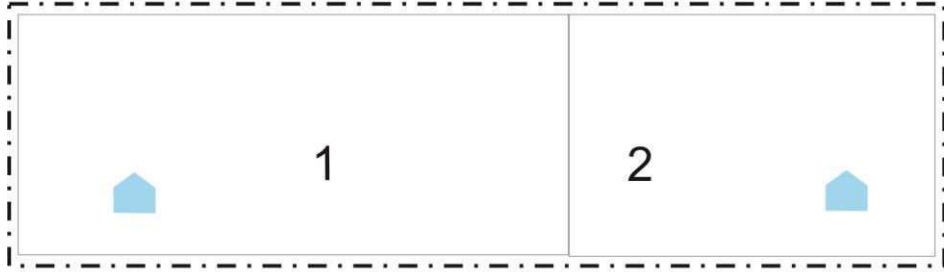
\* X : 3780141  
 Y : 3359155





BH 45  
 PFA No.11  
 Map No.21

\* X : 3787218  
 Y : 3395167



BH 45  
PFA No.11  
Map No.26

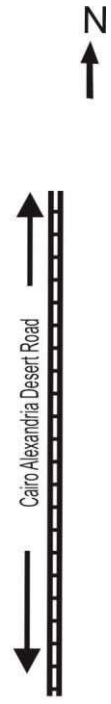
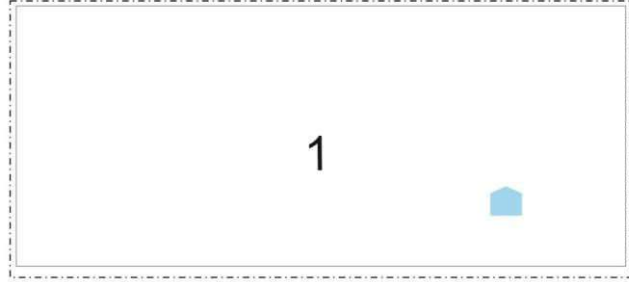
\* X : 3008667  
Y : 3003314



BH 45  
PFA No.11  
Map No.27



BH 45  
PFA No.11  
Map No.28



BH 45  
PFA No.11  
Map No.29



BH 45  
PFA No.11  
Map No.31



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

1. Name of PFA: Shamal El-Tahrir
2. No. of maps: 5
3. Boundaries:
  - North: Alexandria Governorate
  - South: El-Gharbia Governorate
  - East : El-Dakahlia Governorate
  - West : Alexandria Governorate
4. Total Pest Free Area ( feddan ): 5400
  - Total area proposed for potato: 1600
  - Total area proposed for export: 700
5. Type of soil : Sandy
6. Irrigation system: Drip irrigation system.
7. Source of water: El-Horia Canal
8. Rotation system:

2018/2019	2019/2020	2020/2021
Summer season: Maize & other	Maize, Peanut	Peanut & Melon
Winter season: Potato & Vegetables	Wheat, Clover and Potato	Potato, Beans
9. No. of basins: 138
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: 150 (free)
14. No. of weed samples tested: 0
15. No. of potato samples visually inspected: 0
16. No. of basins visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 115
19. General remarks:

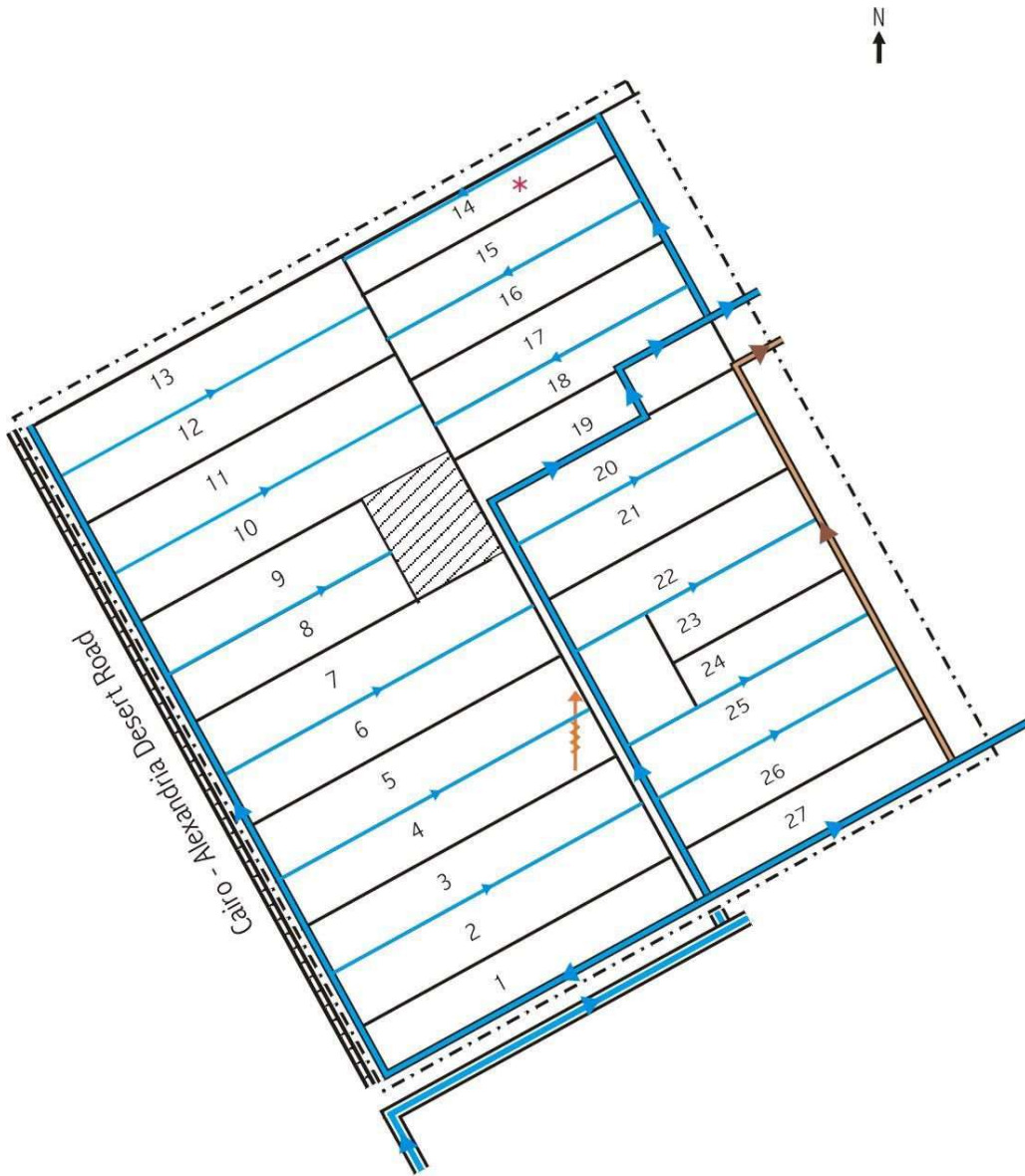
*Codes No. of EI- Beheira (BH) 45, PFA No.12 (Shamal El-Tahrir)*

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2020	2021	2020	2021
Map 3										
45	12	03	01>36	El-Alia (1)						
Map 4										
45	12	04	01>27	El-Alia (2)						
Map 5										
45	12	05	01>39	El-Alia (3)						
Map 6										
45	12	06	01>26	El-Alia (4)						
Map 7										
45	12	07	01>10	El-Alia (5)						



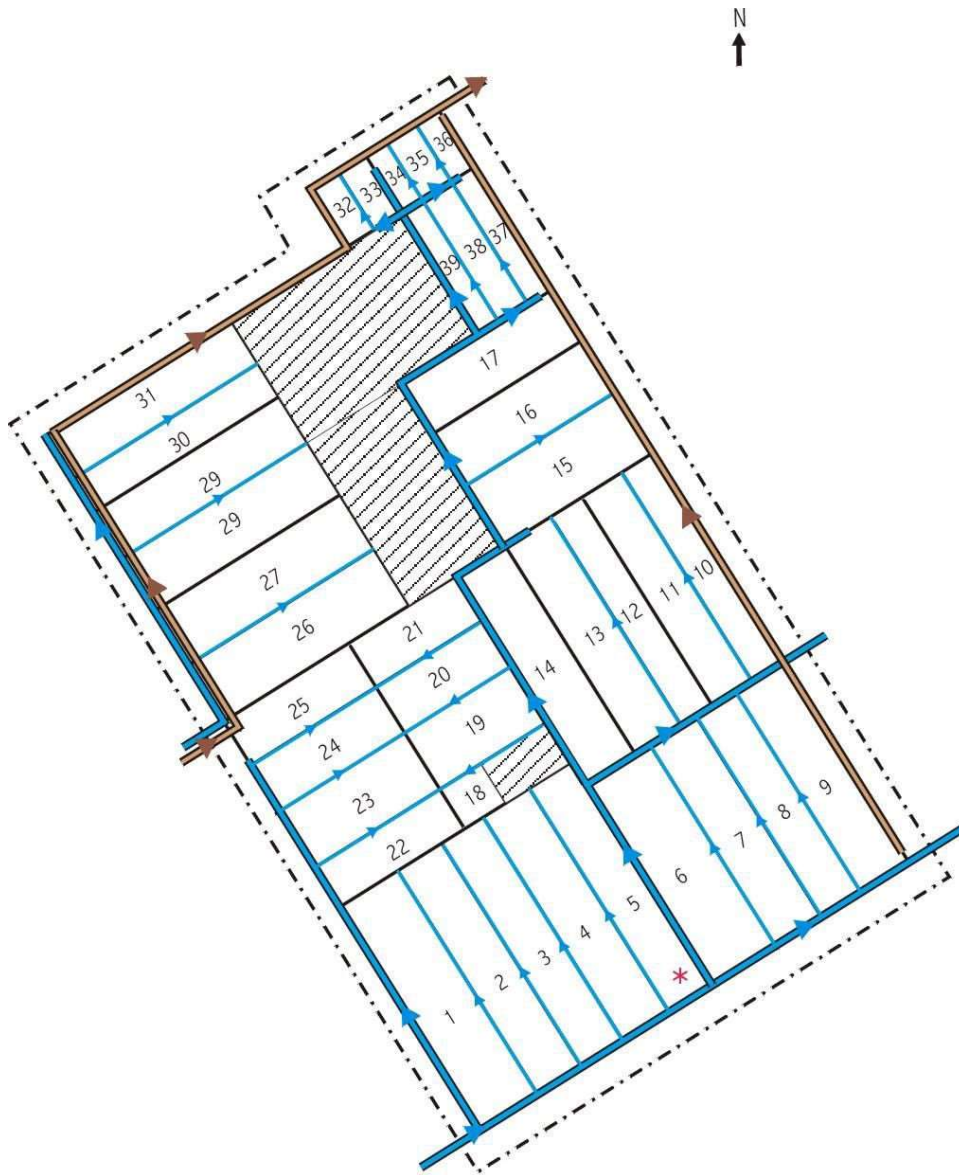
BH 45  
 PFA No.12  
 Map No.3

\* X : 3049043  
 Y : 2958598



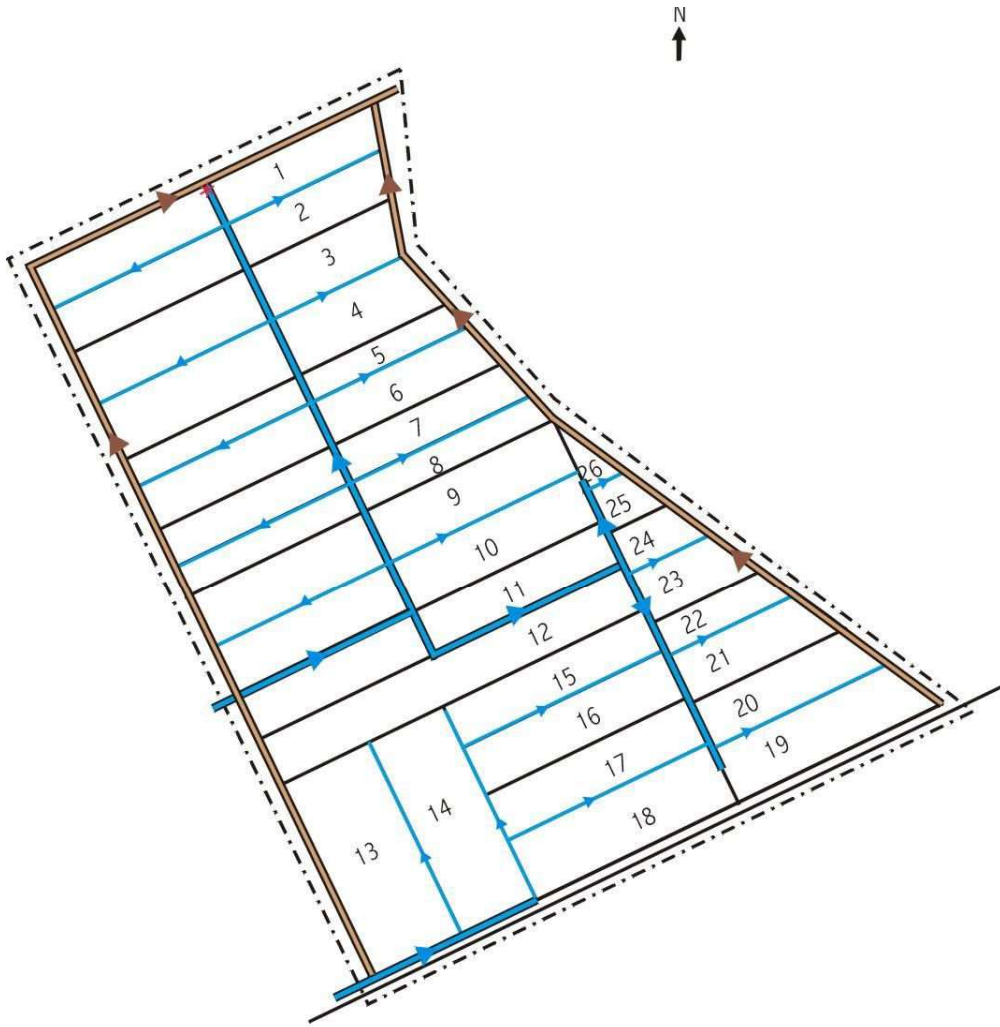
BH 45  
 PFA No.12  
 Map No.4

\* X : 3048143  
 Y : 2957599



BH 45  
PFA No.12  
Map No.5

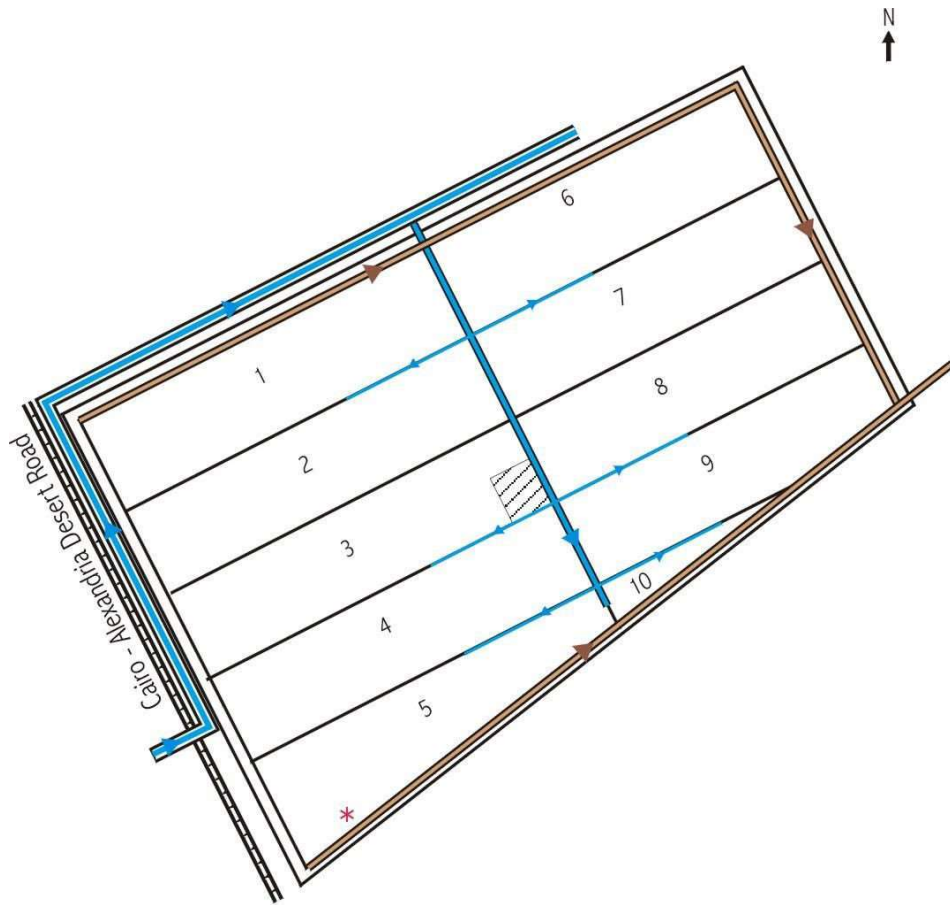
\* X : 3047195  
Y : 3000441



BH 45  
PFA No.12  
Map No.6

\* X : 3049548  
Y : 2959453





BH 45  
PFA No.12  
Map No.7

\* X : 3045205  
Y : 2959315

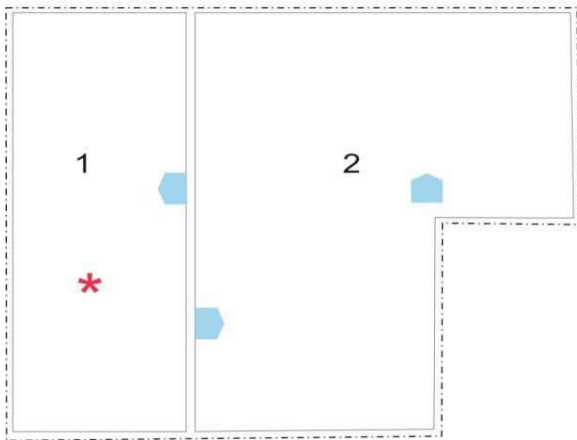
*Pest Free Area Sheet*  
*El-Beheira (BH) 45, PFA No.13*

1. Name of PFA: Ganoub El-Tahrir
2. No. of maps: 5
3. Boundaries:
  - North: PFA 12 & Desert area
  - South: Desert area
  - East : Desert area
  - West : Desert area
4. Total Pest Free Area ( feddan ): 1975
  - Total area proposed for potato: 850
  - Total area proposed for export: 500
5. Type of soil : Sandy
6. Irrigation system: Drip and Over Head Sprinkler Irrigation System.
7. Source of water: Wells
8. Rotation system 

2017/2018	2018/2019	2019/2020
Summer season: Maize & other	Maize, Peanut	Peanut & Melon
Winter season: Potato & Vegetables	Wheat, Clover and Potato	Potato, Beans
9. No. of basins (pivots): 7
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: from PFA and tested for brown rot No Potato Planting
13. No. of water samples tested: 125 (free)
14. No. of weed samples tested: 99 (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: 7
19. General remarks:

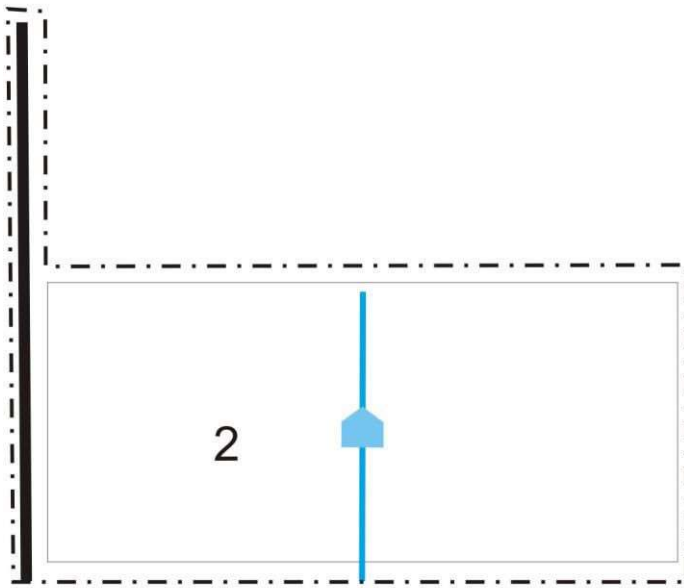
**Codes No. of El- Beheira (BH) 45, PFA No.13 (Ganoub El-Tahrir)**

Gov.	PFA	Farm	Basins (Pivots)	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2020	2021	2020	2021
Map 21										
45	13	21	01>02	El-Kholy						
Map 22										
45	13	22	02	El-Sa'a						
Map 24										
45	13	24	01	Khalyfh						
Map 25										
45	13	25	01	Mabrouk						
Map 26										
45	13	26	01>02	El-Saad						

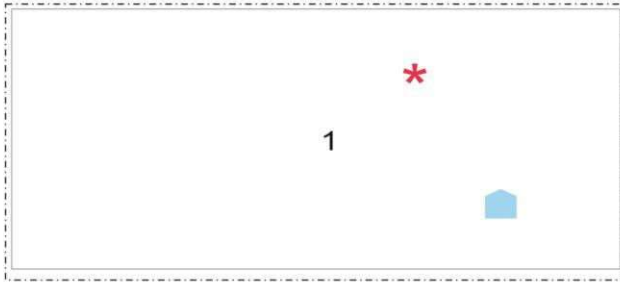


BH 45  
PFA No.13  
Map No.21

\* B(1)E : 250533  
N : 3388038



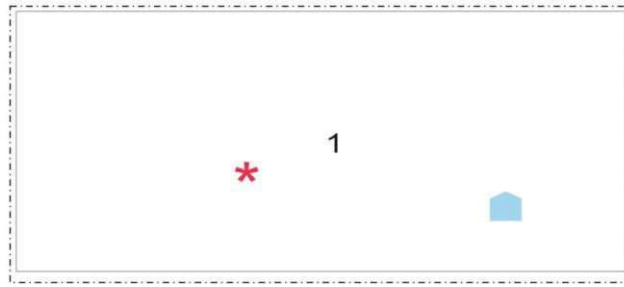
BH 45  
PFA No.13  
Map No.22



BH 45  
PFA No.13  
Map No.24

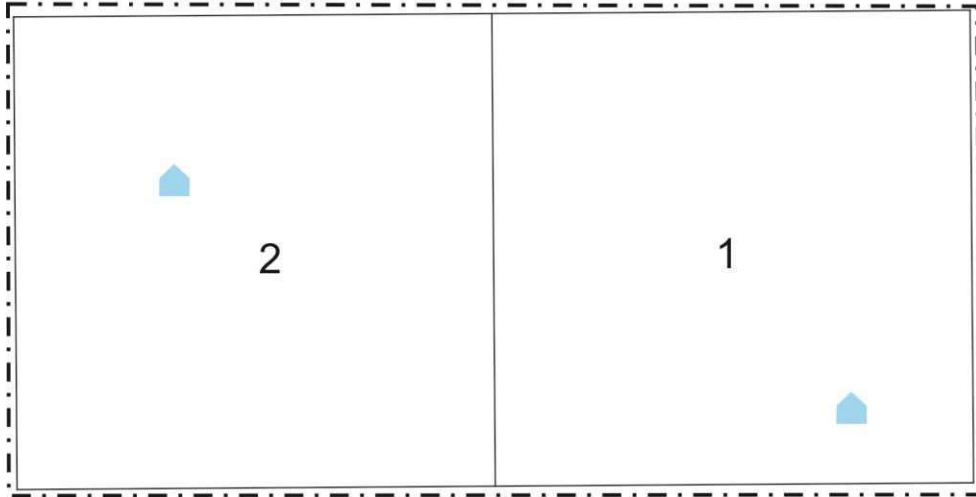
\* B(1)E : 266458  
N : 3385362





BH 45  
PFA No.13  
Map No.25

\* B(1)E : 276953  
N : 3391807



BH 45  
PFA No.13  
Map No.26

*Pest Free Area Sheet*  
*El-Beheira (BH) 45, PFA No.14*

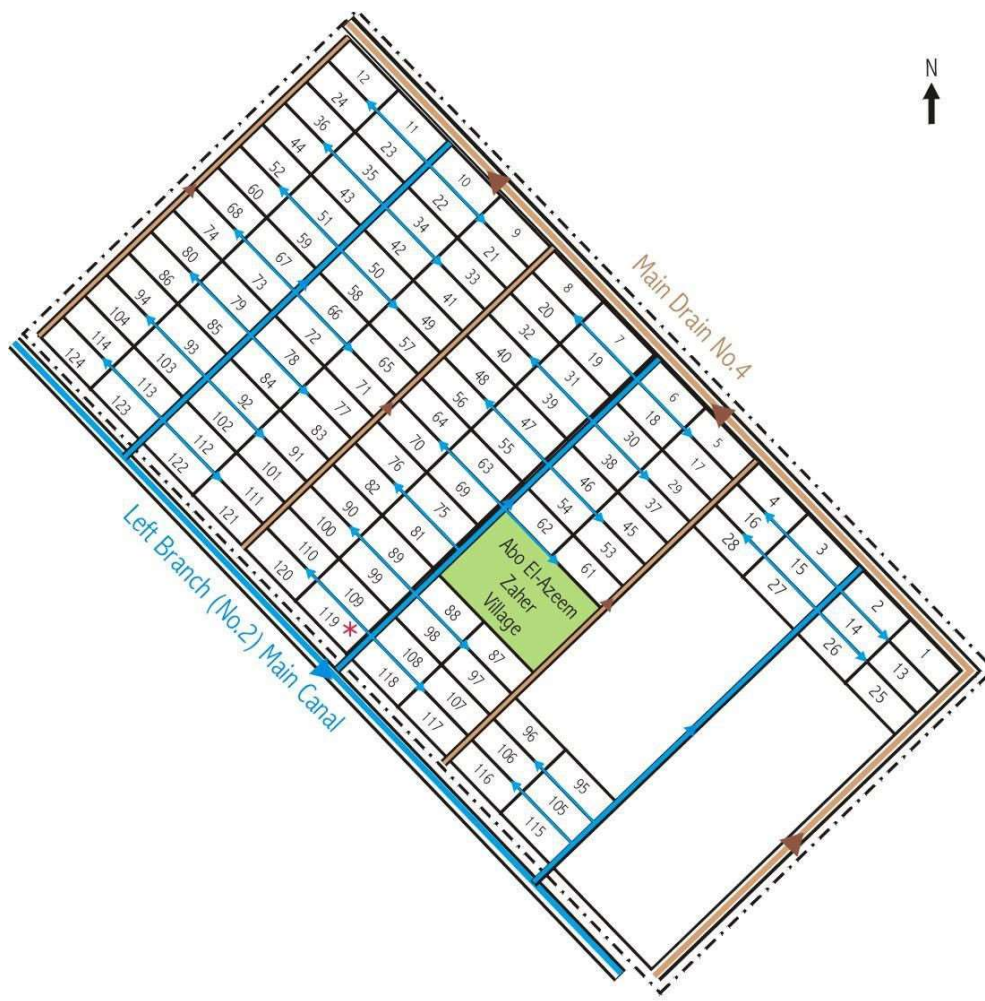
Name of PFA: El-Bostan

1. No. of maps: 13
2. Boundaries:
  - North: Alexandria Governorate
  - South: El-Gharbia Governorate
  - East : El-Dakahlia Governorate
  - West : Alexandria Governorate
3. Total Pest Free Area ( feddan ): 21900
  - Total area proposed for potato: 2600
  - Total area proposed for export: 1600
4. Type of soil : Sandy
5. Irrigation system: Flooding irrigation.
6. Source of water: El-Bostan main canal
7. Rotation system 

	2018/2019	2019/2020	2020/2021
Summer season:	Vegetables and Okra	Maize and Peanut	Peanut and Vegetables
Winter season:	Beans, Clover	Potato and Clover	Potato & Wheat
8. No. of basins: 1001
9. Code No. of infection inside PFA and date of discovery: None
10. Is infection present upstream when surface water is used: No
11. Seed source: Seeds tested for brown rot                      Result: free
12. No. of water samples tested: 433 (free)
13. No. of weed samples tested: 290 (free)
14. No. of potato samples visually inspected: 0
15. No. of basins visually inspected: 0
16. No. of potato samples tested by IF for export: 0
17. No. of growers: 1179
18. General remarks:

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

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2020	2021	2020	2021	
Map 1											
45	14	01	01>124	Abd EI- Azeem Zaher							
Map 2											
45	14	02	01>110	El-Hoda Wal Takua							
Map 3											
45	14	03	01>101	Azeez							
Map 4											
45	14	04	01>153	El-Safa Wal Marwa							
Map 7											
45	14	07	01>38	Elyas							
Map 8											
45	14	08	01>157	El-Esraa Wal Meerag village							
Map 10											
45	14	10	01>270	El-Tawheed							
Map 18											
45	14	18	01>03	El-Marwa							
Map 19											
45	14	19	01	Tablyah							
Map 20											
45	14	20	01	Gamal							
Map 22											
45	14	22	01	El-Hader							
Map 23											
45	14	23	01>02	Hager							
Map 24											
45	14	24	01>40	EL-Emam Malek							



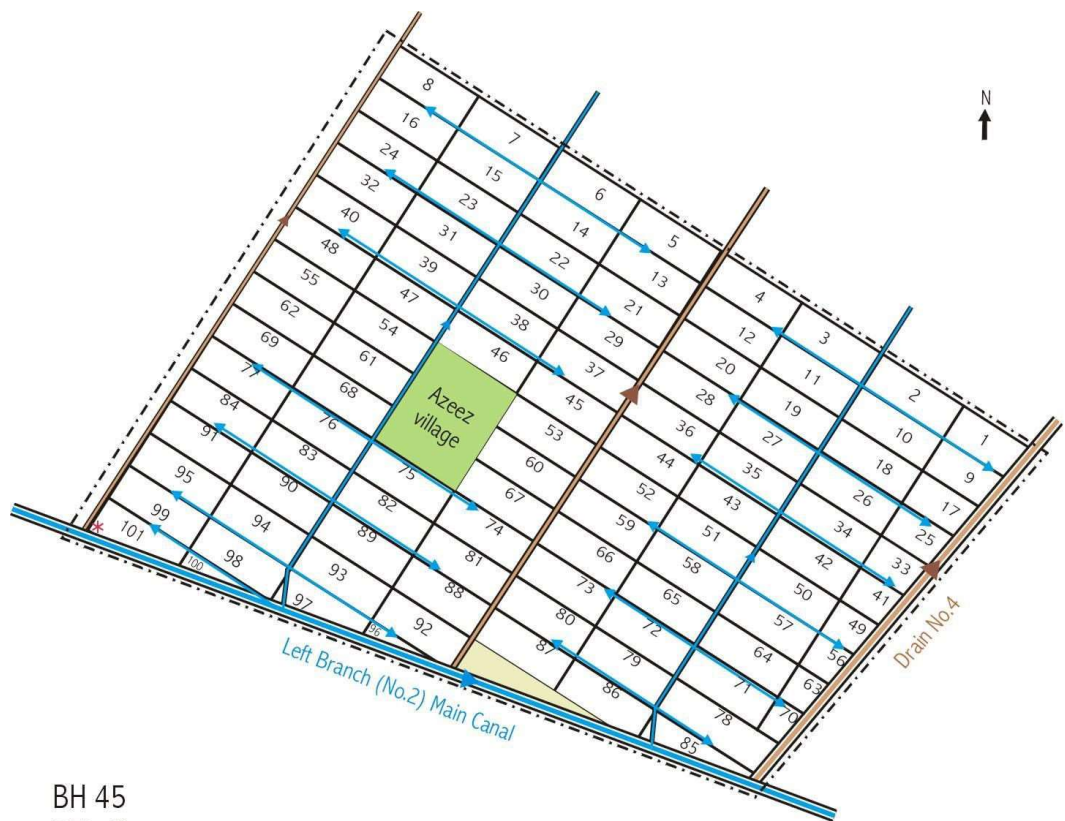
BH 45  
 PFA No.14  
 Map No.1

\* X: 3032216  
 Y: 3024210



BH 45  
 PFA No.14  
 Map No.2

\* X : 3034317  
 Y : 3022049



BH 45  
 PFA No.14  
 Map No.3

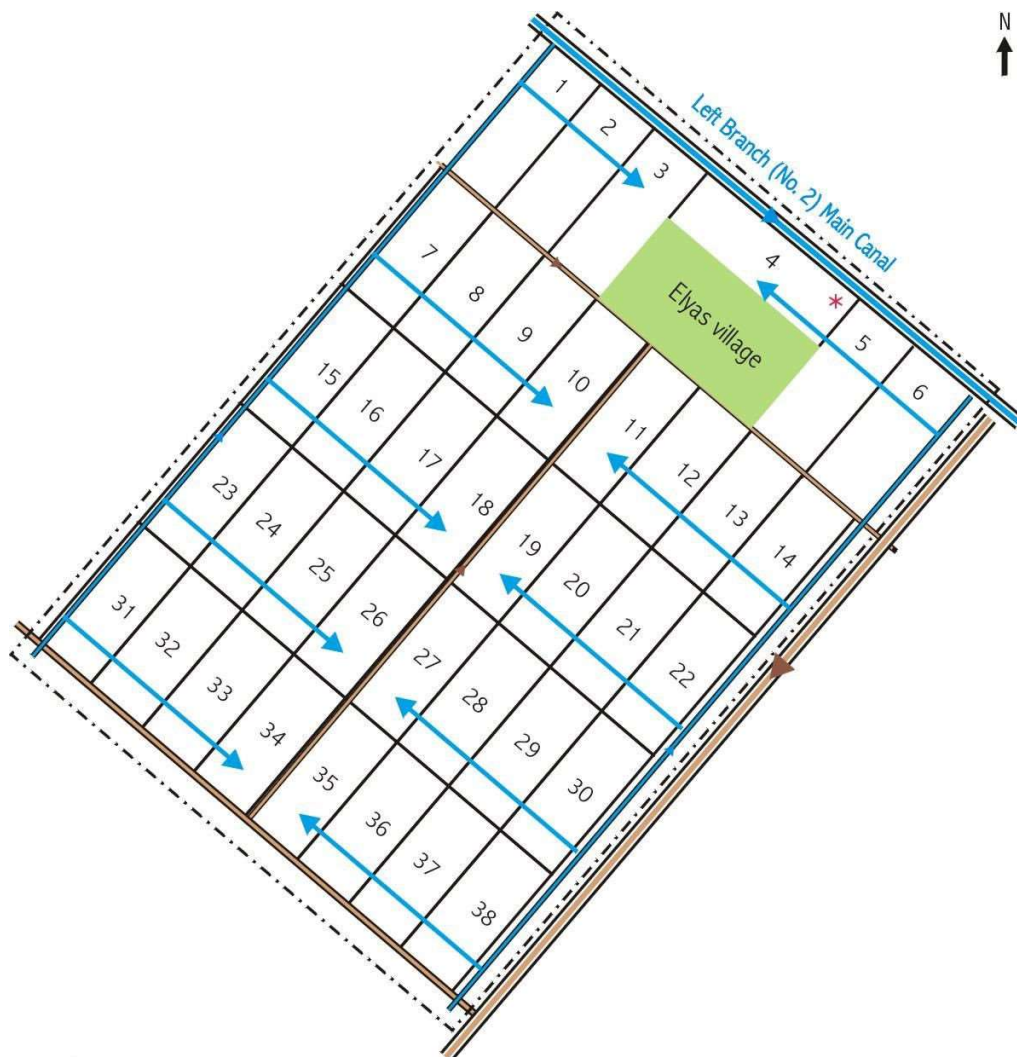
\* X : 3032387  
 Y : 3020425





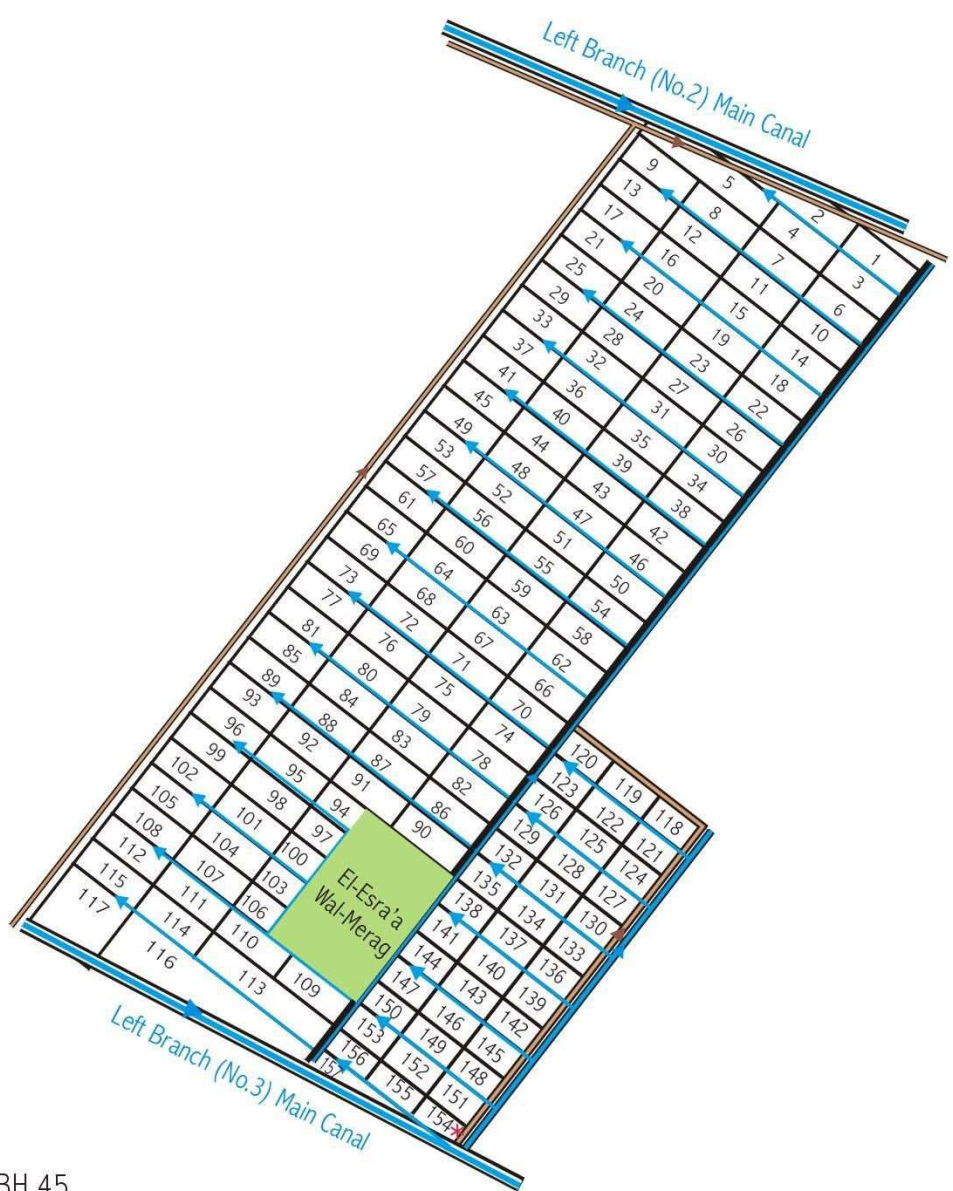
BH 45  
PFA No.14  
Map No.4

\* X : 3032285  
Y : 3023120



BH 45  
 PFA No.14  
 Map No.7

\* X : 3032312  
 Y : 3022003



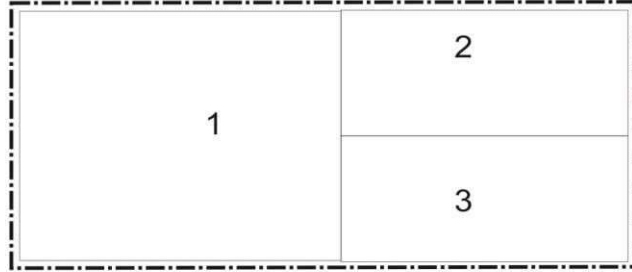
BH 45  
 PFA No.14  
 Map No.8

\* X : 3029383  
 Y : 3021367



BH 45  
PFA No.14  
Map No.10

\* X : 3027322  
Y : 3018337



BH 45  
PFA No.14  
Map No.18





BH 45  
PFA No.14  
Map No.19

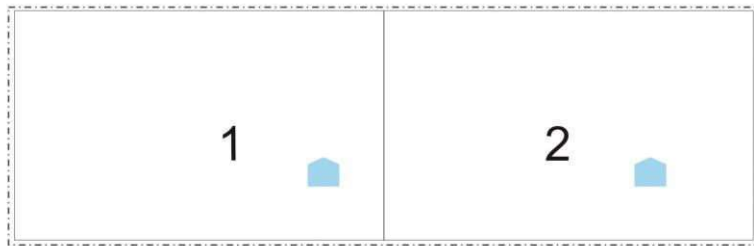


BH 45  
PFA No.14  
Map No.20

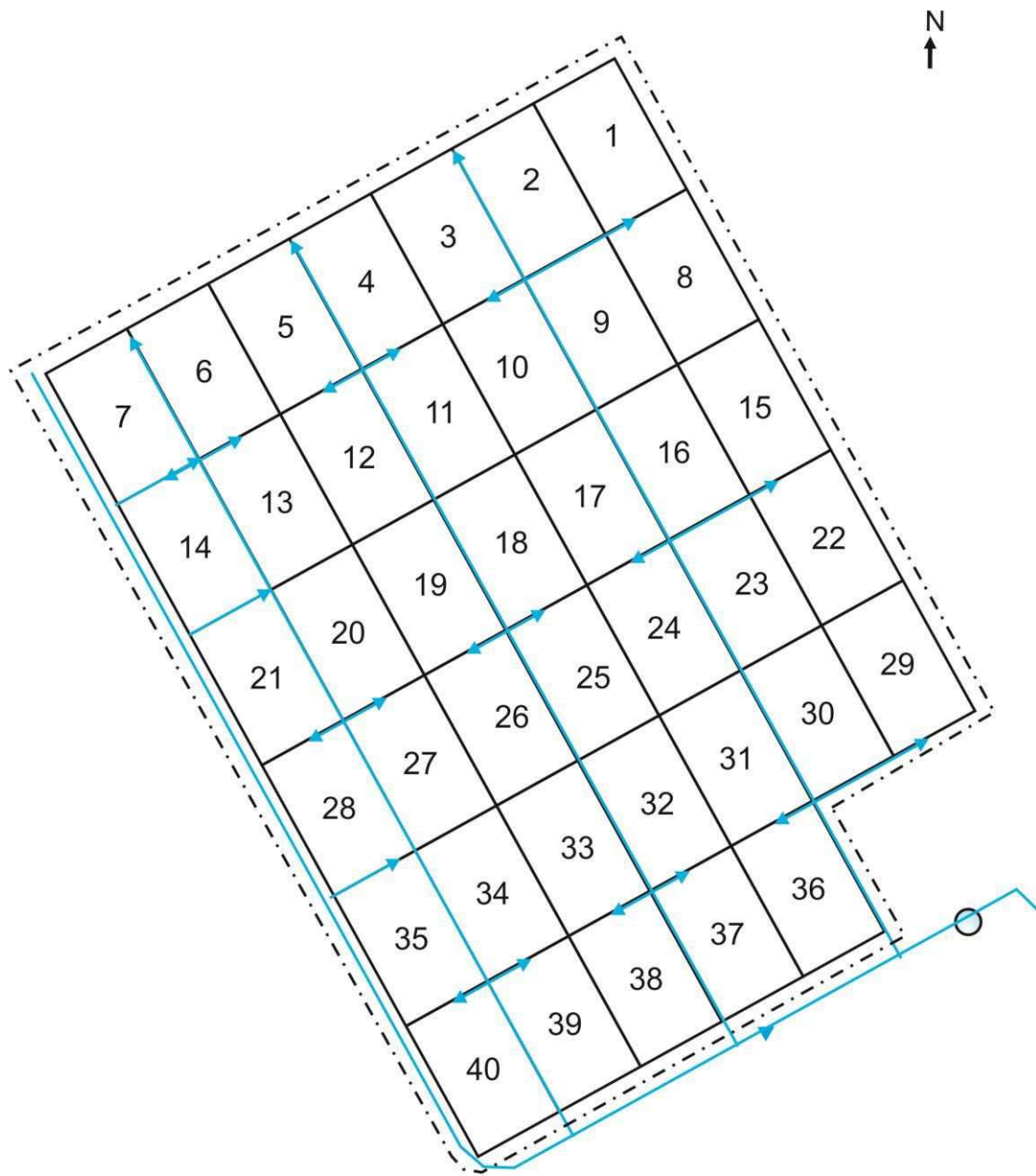




BH 45  
PFA No.14  
Map No.22



BH 45  
PFA No.14  
Map No.23



BH 45  
 PFA No.14  
 Map No.24



# PEST FREE AREA

FYM (84)  
2021/2022

*General data of the PFAs at El-Fayioum (FYM) 84*

PFA	Total Pest Free Areas (feddan) 2021/2022	Proposed potato areas (fed.) 2021/2022		No of basins (pivots)	Visual inspection 2020/2021		IF test 2020/2021		Export to EU (tons) 2020/2021 Export	Proposed For 2021/2022		
		Total	Export		No of samples	No of basins (Pivot)	No of samples			No of basins (Pivot)	No of water samples	No of weed samples
							Total	Export				
PFA 01	3200	1000	800	132	0	0	0	0	0	40	40	
Total	3200	1000	800	132	0	0	0	0	0	40	40	

*Pest Free Area Sheet*  
*El-Fayioum (FYM) 84, PFA No.01*

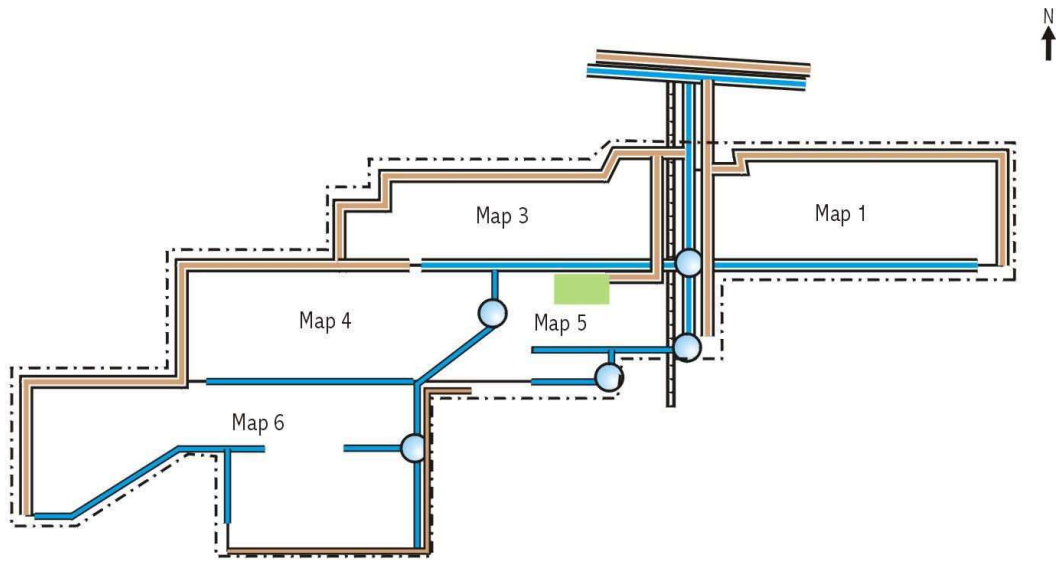
1. Name of PFA: Yousseif El-Sedik
2. No. of maps: 5 + General Map
3. Boundaries:
  - North: Giza Governorate
  - South: El-Minia Governorate
  - East : Bani Swef Governorate
  - West : El-Wadi El-Gaded Governorate
4. Total Pest Free Area ( feddan ): 3200
  - Total area proposed for potato: 1000
  - Total area proposed for export: 800
5. Type of soil : Sandy to limy sandy
6. Irrigation system: Drip irrigation system.
7. Source of water: Quaroun Main Canal
8. Rotation system


2018/2019	2019/2020	2020/2021
Summer season: Maize and Sunflower	Maize, Sesame	Maize and Melon
Winter season: Potato and Vegetables	Beans,Clover and Potato	Wheat, Beans
9. No. of basins: 132
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 No Potato Planting
13. No. of water samples tested: 40 )free)
14. No. of weed samples tested: 50 )free)
15. No. of potato samples visually inspected: 0
16. No. of basins visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 132
19. General remarks:

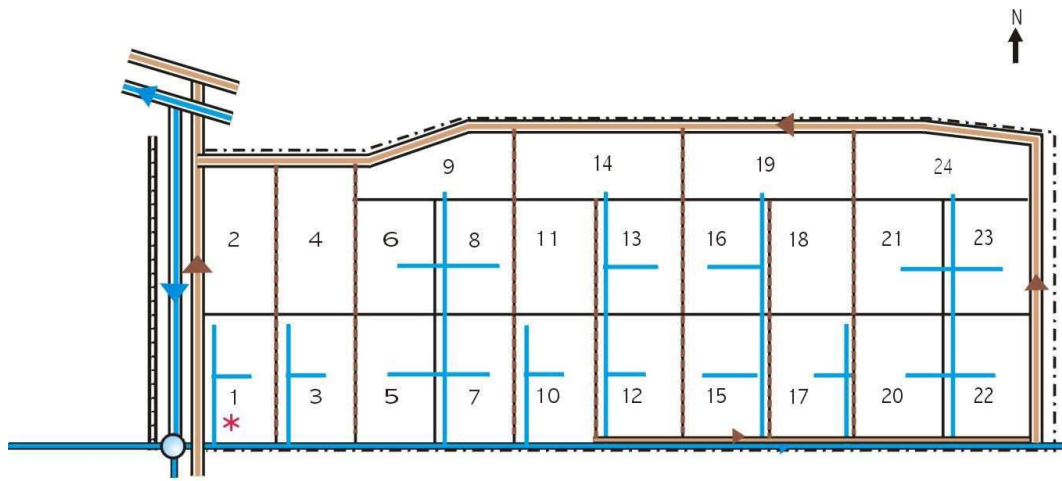
*Codes No. of El-Fayjoum (FYM) 84, PFA No.01 (Yousseif El-Sedik)*

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2020	2021	2020	2021	
Map 1											
84	01	01	01>24	Zera'a (1)							
Map 3											
84	01	03	01>31	Zera'a (2)							
Map 4											
84	01	04	01>17	Zera'a (3)							
Map 5											
84	01	05	01>28	Zera'a (4)							
Map 6											
84	01	06	01>32	Zera'a (5)							



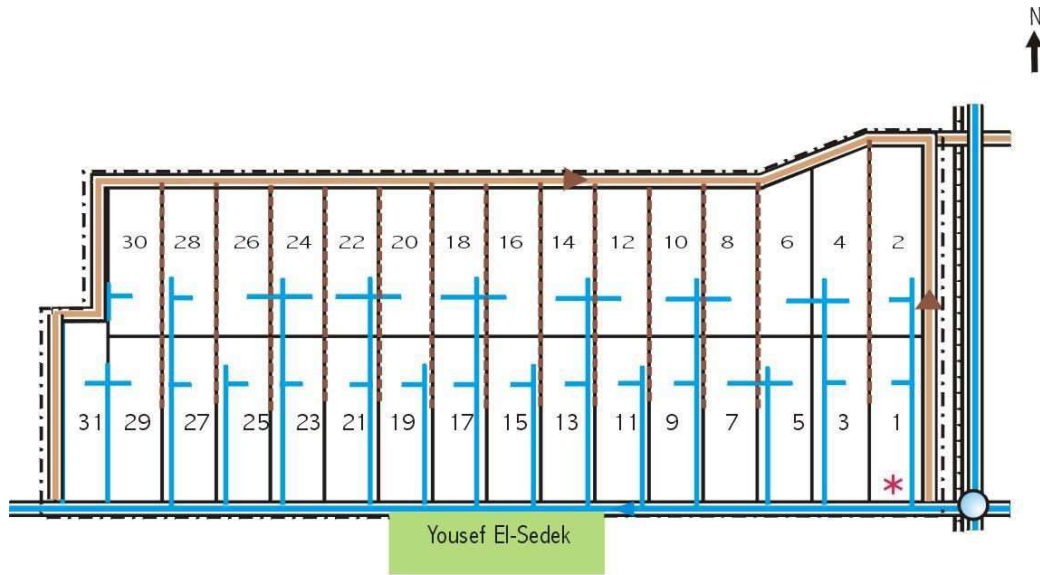


General Map  
Faioum 84  
PFA No.1



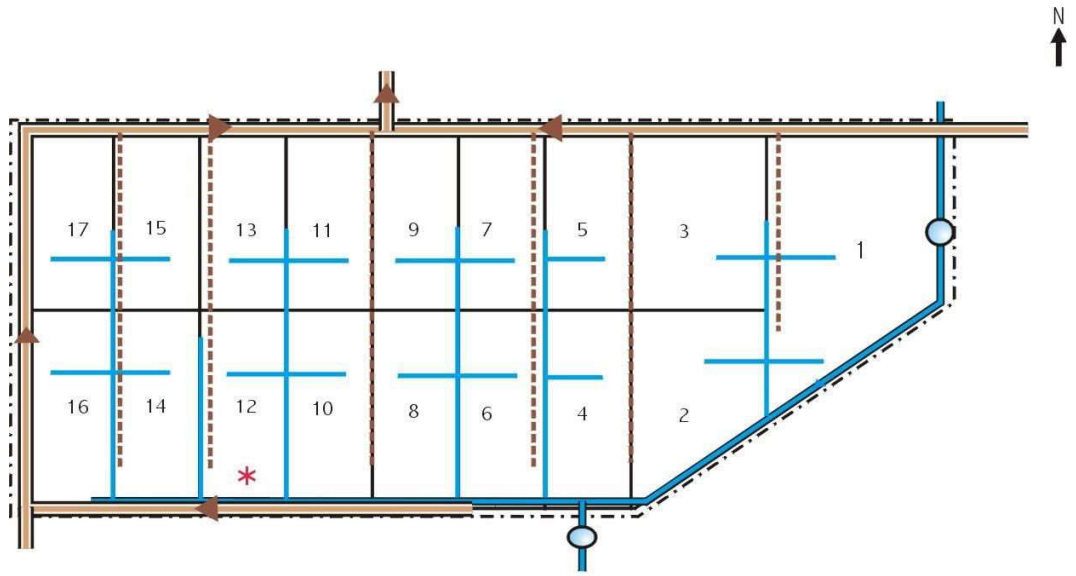
FYM 84  
PFA No.01  
Map No.01

\* X : 2921552  
Y : 3028183



FYM 84  
 PFA No.01  
 Map No.03

\* X : 292129  
 Y : 3028106



FYM 84  
 PFA No.01  
 Map No.04

\* X : 2921842  
 Y : 3026567



FYM 84  
 PFA No.01  
 Map No.05

\* X : 2921852  
 Y : 3026232



FYM 84  
PFA No.01  
Map No.06

\* X : 2921367  
Y : 3027205



**PEST FREE AREA**

**IS (64)**

**2021/2022**





General Map  
Ismailia 64

*General data of the PFAs at Ismailia (IS) 64*

PFA	Total Pest Free Areas (feddan) 2021/2022	Proposed potato areas (fed.) 2021/2022		No of basins (pivots)	Visual inspection 2020/2021		IF test 2020/2021		Export to EU (tons) 2020/2021 Export	Proposed For 2021/2022		
		Total	Export		No of samples	No of basins (Pivot)	No of samples			No of basins (Pivot)	No of water samples	No of weed samples
							Total	Export				
PFA 02	5250	1000	850	597	0	0	0	0	0	0	88	152
PFA 03	5715	160	120	106(1)	0	0	0	0	0	0	97	109
PFA 07	800	110	85	16	0	0	0	0	0	0	81	78
PFA 08	3200	170	120	48	0	0	0	0	0	0	49	60
Total	14965	1440	1175	767(1)	0	0	0	0	0	0	315	399

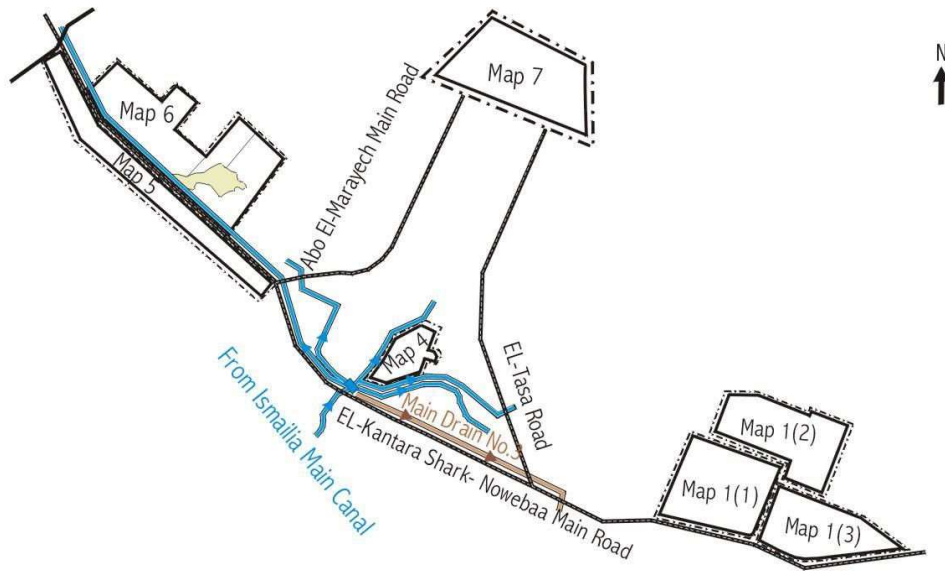
*Pest Free Area Sheet*  
*Ismailia (IS) 64, PFA No.02*

1. Name of PFA: El-Kantara Shark
2. No. of maps: 4 + General Map
3. Boundaries:
  - North: Port Said Governorate
  - South: Seuse Governorate
  - East : North Sinai Governorate
  - West : El-Sharkia Governorate
4. Total Pest Free Area ( feddan ): 5250
  - Total area proposed for potato: 1000
  - Total area proposed for export: 850
5. Type of soil : Sandy
6. Irrigation system: Drip irrigation.
7. Source of water: Ismailia Canal
8. Rotation system :

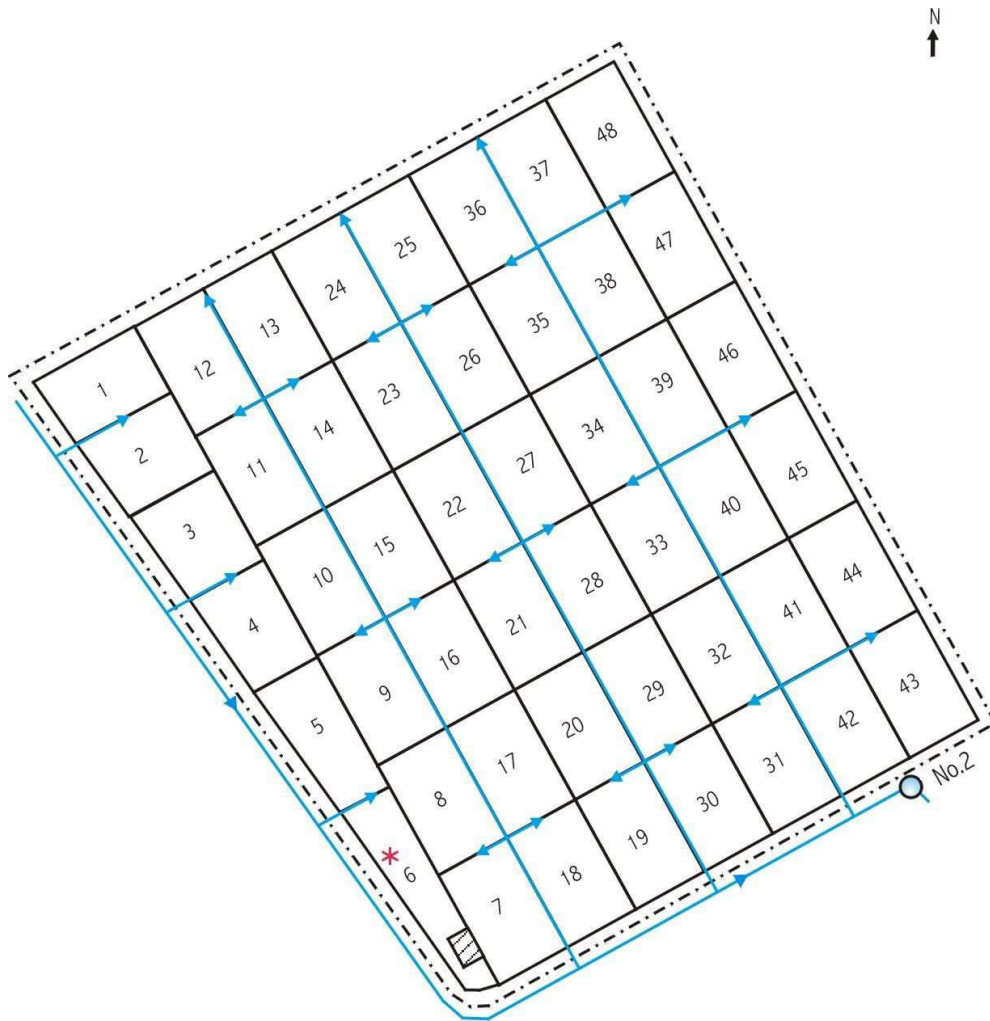
	2018/2019	2019/2020	2020/2021
Summer season:	Maize, Potato & others	Vegetables	Maize
Winter season:	Wheat, Potato & Vegetables	Broad Bean & Potato	Potato
9. No. of basins: 597
10. Code No. of infection inside PFA and date of discovery: None.
11. Is infection present upstream when surface water is used: No
12. Seed source: Seeds tested for brown rot No Potato Planting
13. No. of water samples tested: 88 (free)
14. No. of weed samples tested: 152 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 199
19. General remarks:

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

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2020	2021	2020	2021	
Map 1											
64	02	01 (1)	01>48	Shark El-Bohyrat (1)							
		01 (2)	01>50	Shark El-Bohyrat (2)							
		01 (3)	01>57	Shark El-Bohyrat (3)							
Map 4											
64	02	04	01>117	El-Abtal							
Map 5											
64	02	05 (1,2,3)	01>164	El-Kanal international							
Map 6											
64	02	06 (1)	01>19	El-Mostasmreen (F 1)							
		06 (2)	01>15	El-Mostasmreen (F 2)							
		06 (3)	01>24	El-Mostasmreen (F 3)							
		06 (4)	01>15	El-Mostasmreen (F 4)							
		06 (5)	01>20	El-Mostasmreen (F 5)							
		06 (6)	01>17	El-Mostasmreen (F 6)							
		06 (7)	01>08	El-Mostasmreen (F 7)							
		06 (8)	01>23	El-Mostasmreen (F 8)							
		06 (9)	01>20	El-Mostasmreen (F 9)							



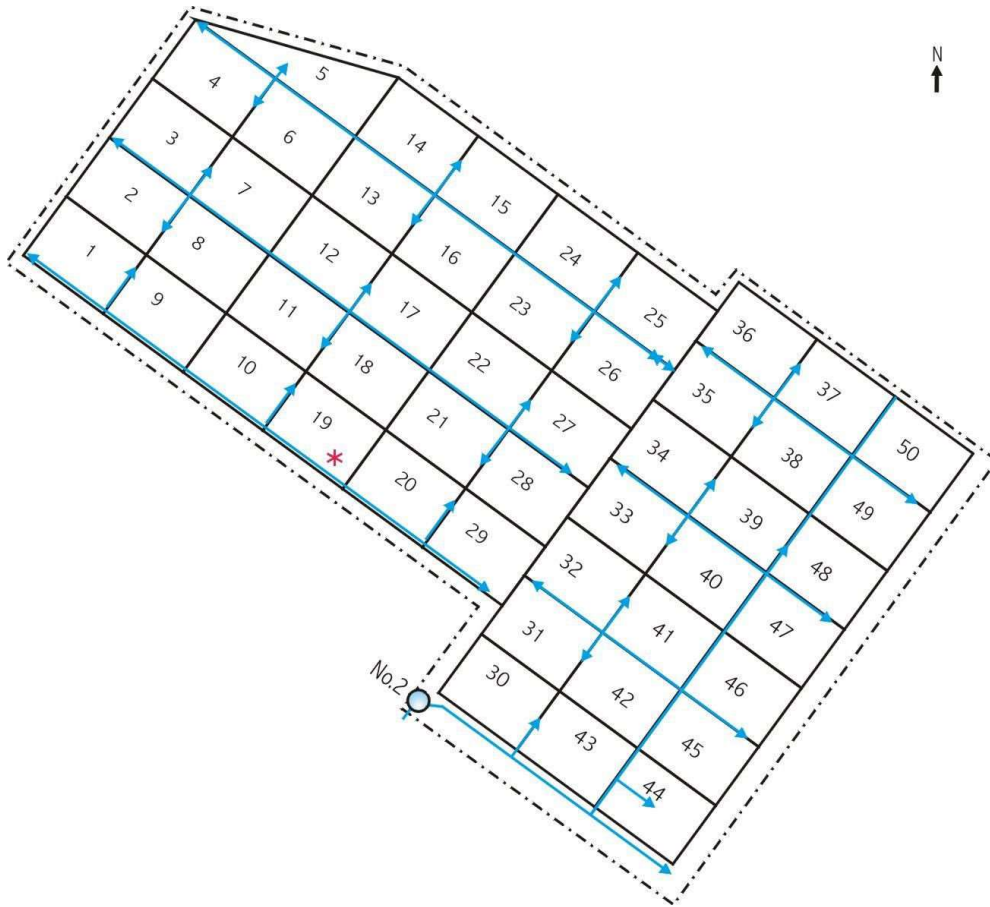
General Map  
IS.64  
PFA No.2



IS 64  
 PFA No.2  
 Map No.1 (1)

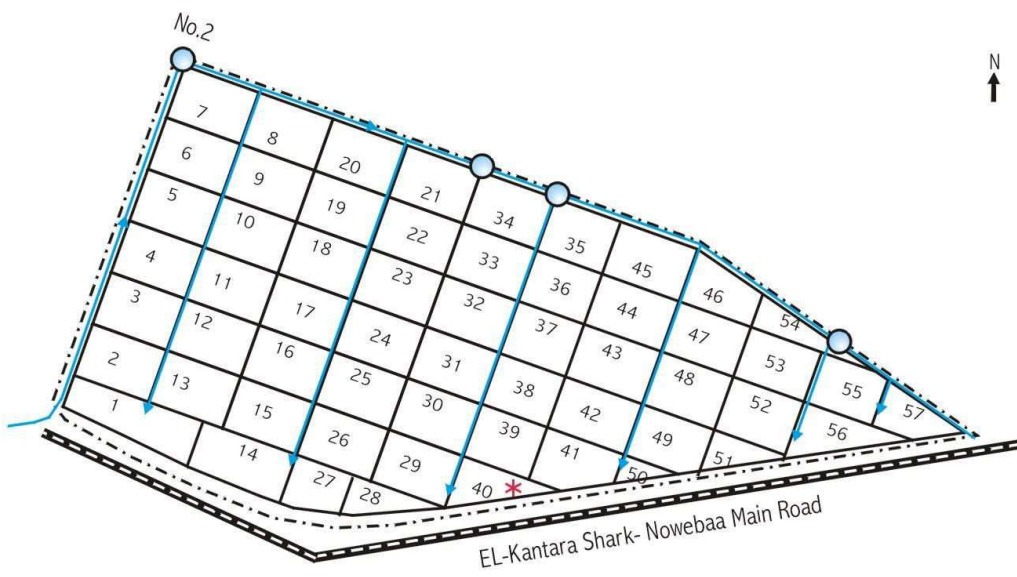
\* X : 3383905  
 Y : 4016087





IS 64  
PFA No.2  
Map No.1 (2)

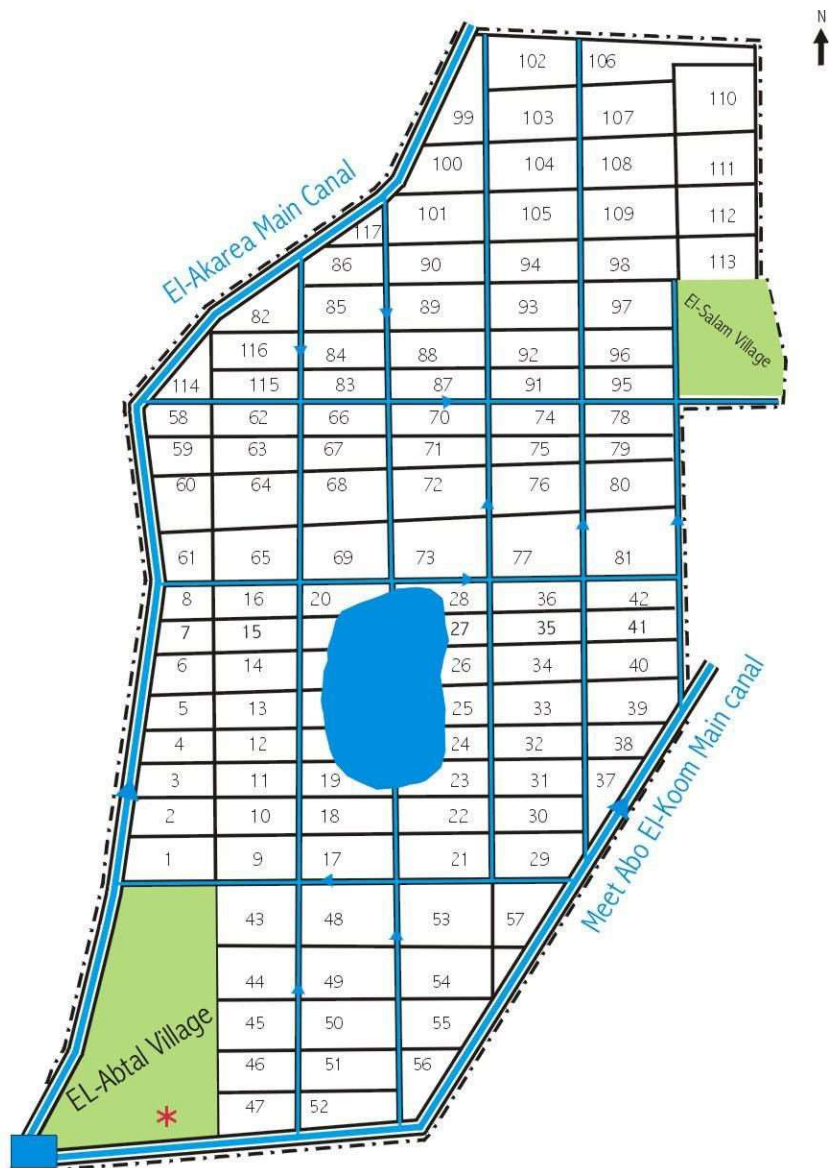
\* X : 3383384  
Y : 4016399



IS 64  
PFA No.2  
Map No.1 (3)

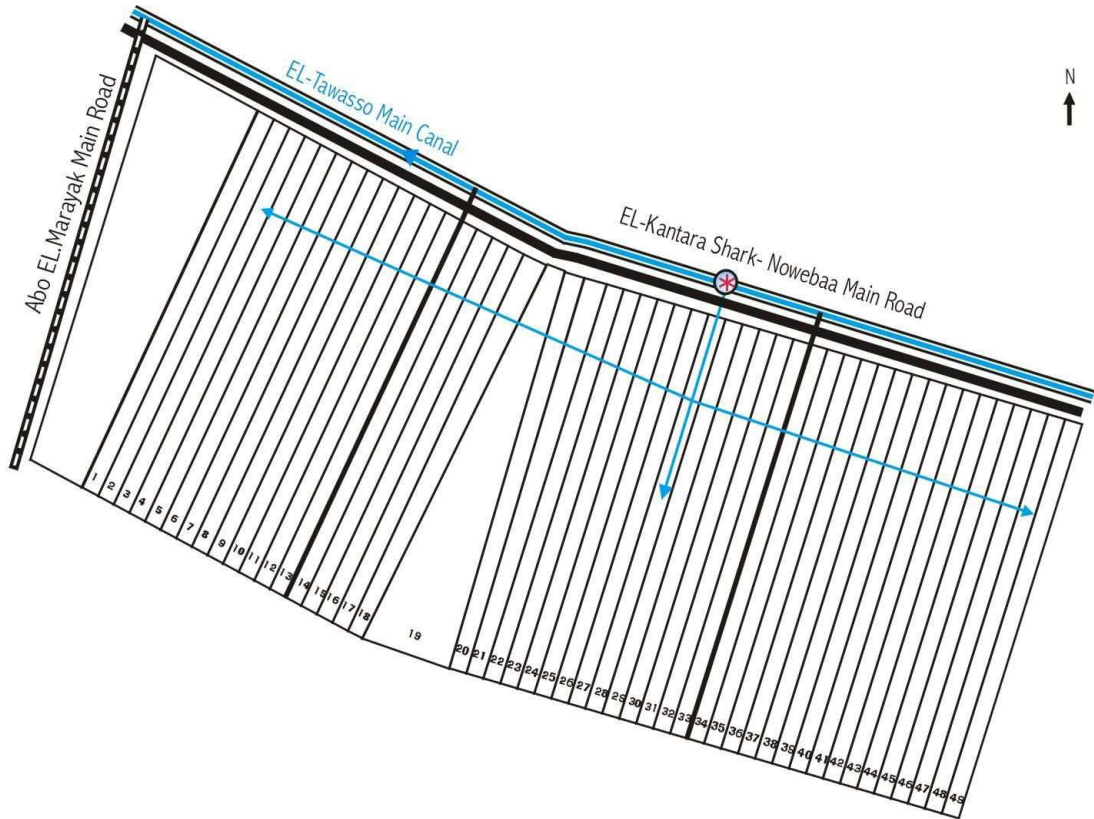
\* X : 3382837  
Y : 4016783





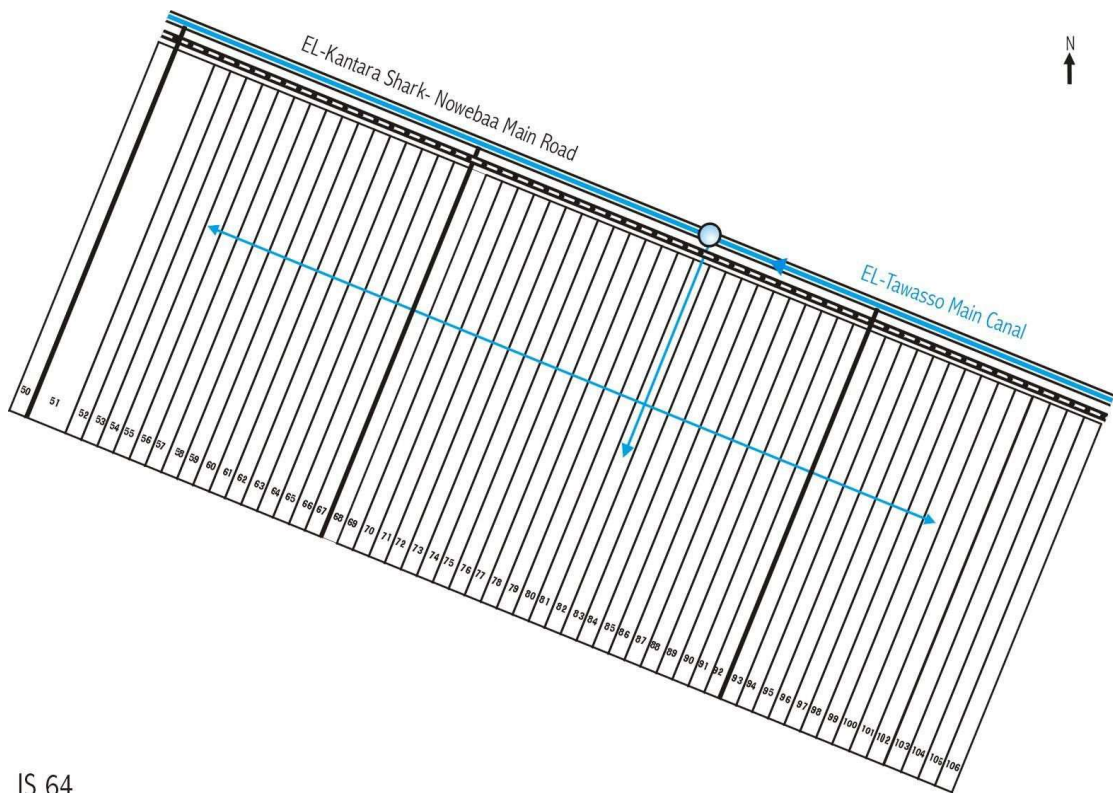
IS 64  
PFA No.2  
Map No.4

\* X : 3383372  
Y : 4016785

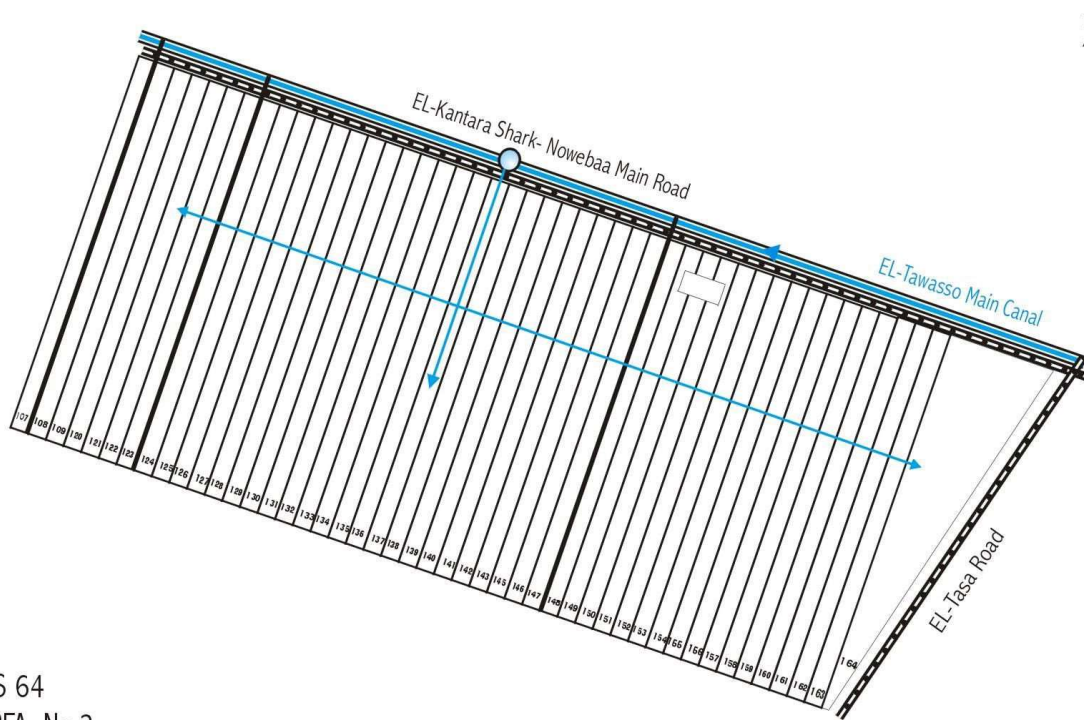


IS 64  
PFA No.2  
Map No.5 (1)

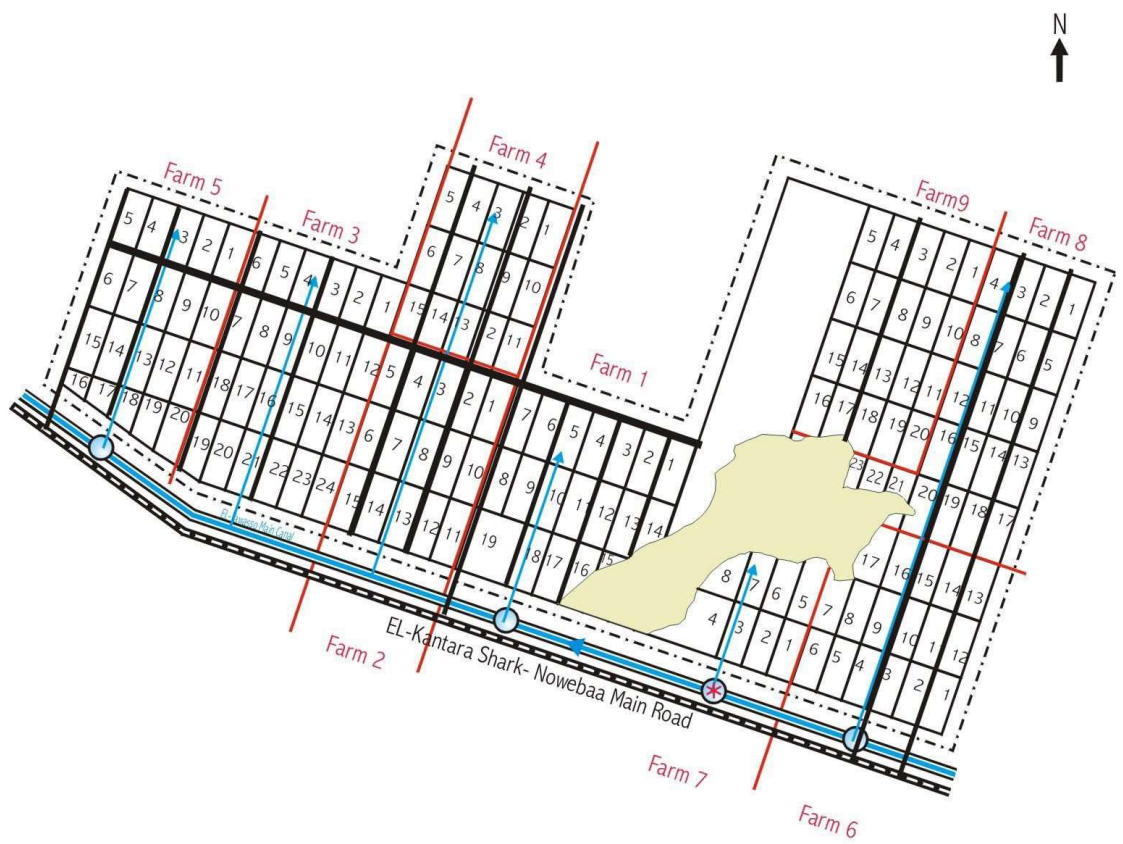
\* X : 3386320  
Y : 4016292



IS 64  
 PFA No.2  
 Map No.5 (2)



IS 64  
PFA No.2  
Map No.5 (3)



IS 64  
 PFA No.2  
 Map No.6

\* X : 3388178  
 Y : 4016883

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

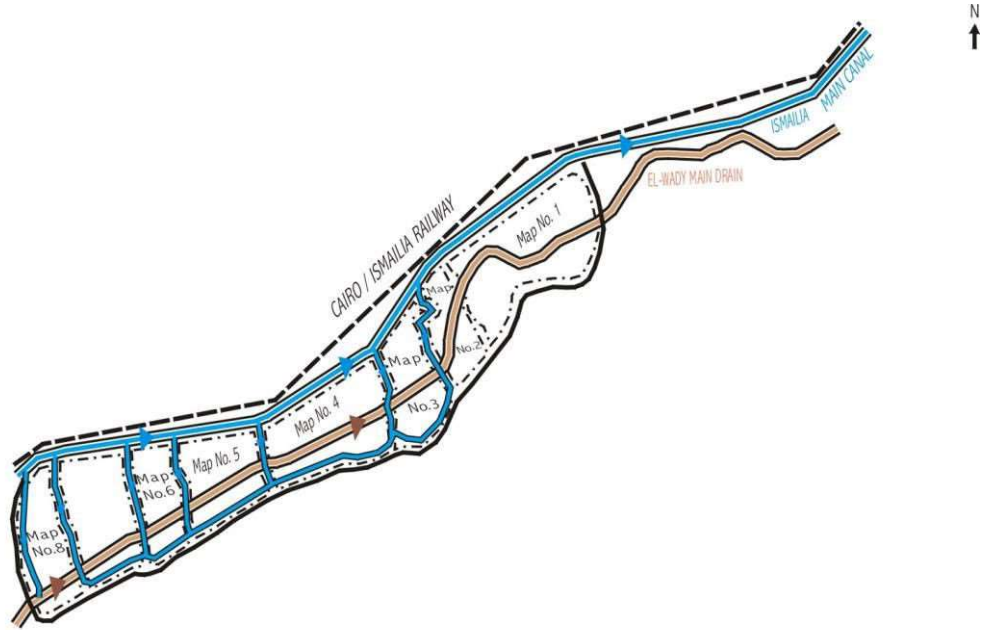
1. Name of PFA: El-Tal El-Kabeir
2. No. of maps: 9 + General Map
3. Boundaries:
  - North: Port Said Governorate
  - South: Seuse Governorate
  - East : North Sinai Governorate
  - West : El-Sharkia Governorate
4. Total Pest Free Area ( feddan ): 5715
  - Total area proposed for potato: 160
  - Total area proposed for export: 120
5. Type of soil : Sandy
6. Irrigation system: Flooding irrigation.
7. Source of water: Ismailia Canal
8. Rotation system:

	2018/2019	2019/2020	2020/2021
Summer season:	Maize, Potato & others	Cucurbits	Peanut
Winter season:	Potato, Wheat & others	Barley	Wheat
9. No. of basins: 106 (1)
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 No Potato Planting
13. No. of water samples tested: 97 (free)
14. No. of weed samples tested: 109 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 102
19. General remarks:

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

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2020	2021	2020	2021
Map 1										
64	03	01	01, 03>14	Menshat El-Kassasin						
Map 2										
64	03	02	01>17	El-Kassasin						
Map 3										
64	03	03	01>09 11>14	El-Baalwa (small)						
Map 4										
64	03	04	01>20	El-Gezrira El-Khadra						
Map 5										
64	03	05	01>12	Abu-Ashour						
Map 6										
64	03	06	01>10	El-Tal ElKebir (reform) village						
Map 8										
64	03	08	01>9A 9B>11	El-Dahriyah						
Map 12										
64	03	12	01>03	El-Salam						
Map 13										
64	03	13	(01)	Amr Hassan						



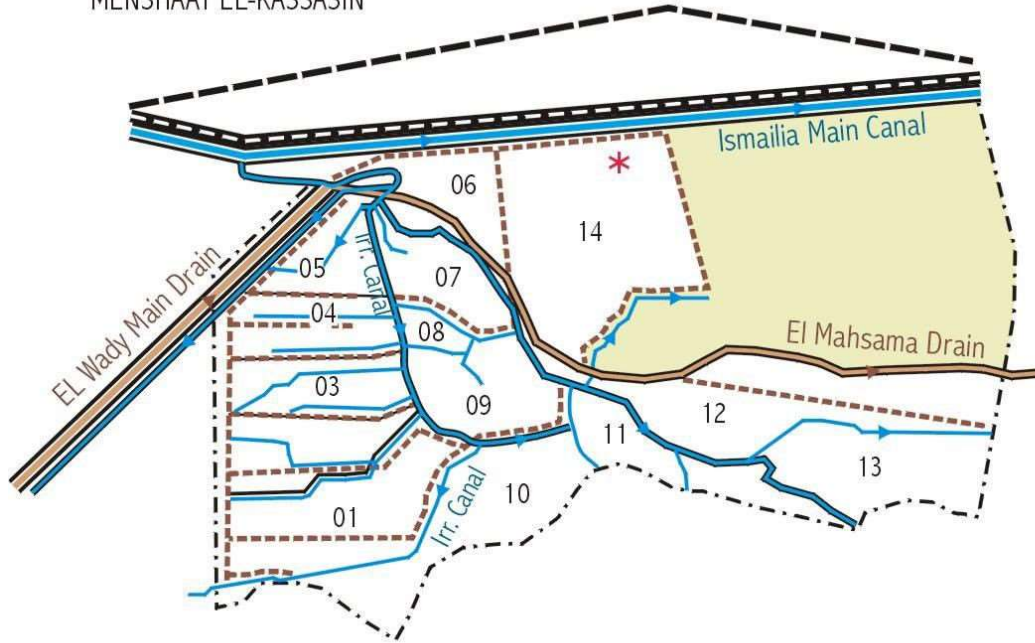


General Map  
 IS 64  
 PFA No.3

- Map 1 Menshat EL-Kassasin
- Map 2 EL-Kassasin
- Map 3 EL-Baalwa EL-Soghra
- Map 4 EL-Gezera EL-Khadra
- Map 5 Abou Ashour
- Map 6 EL-Tal EL-Kebir (A)
- Map 8 EL-Dahria



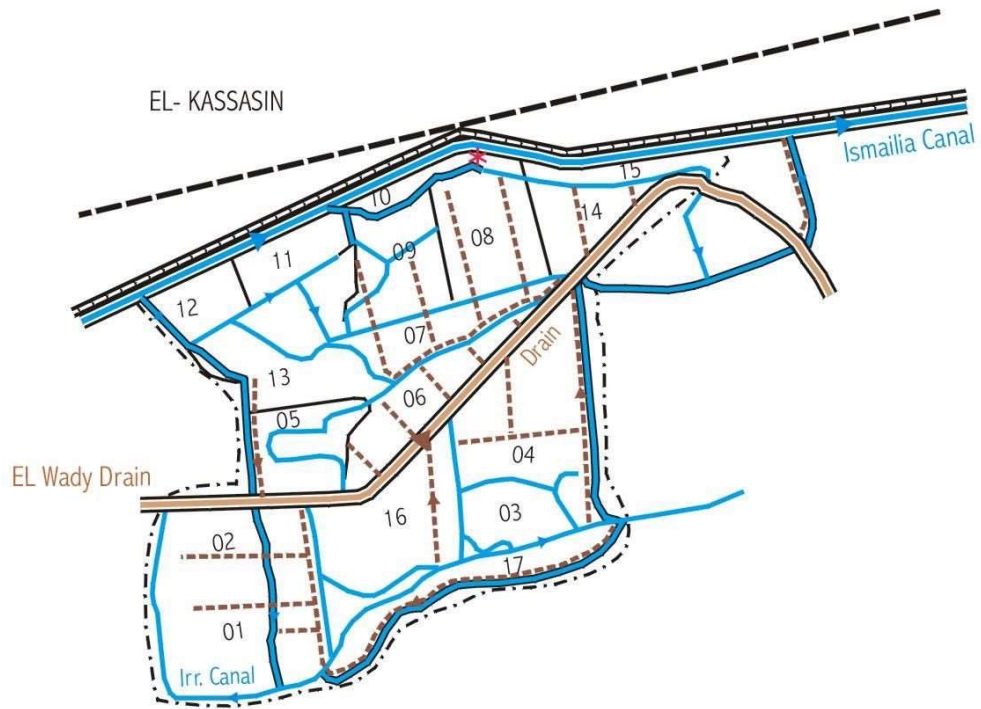
MENSHAAT EL-KASSASIN



IS 64  
PFA No.3  
Map No.1

\* X : 3392645  
Y : 39736343

- 01 El-Khafeeg
- 02 Khafeeg El-Gemiza
- 03 Khenafar
- 04 El-Omda
- 05 Abou Hekal
- 06 El-Tlombat
- 07 El-Baghada
- 08 Abou-Shaheen
- 09 Shark El-Sandouk
- 10 El-Dawawees
- 11 Gabr Badawy
- 12 El-Magharba
- 13 Rabba & Abou Said & Toush
- 14 Shark El-Hawees



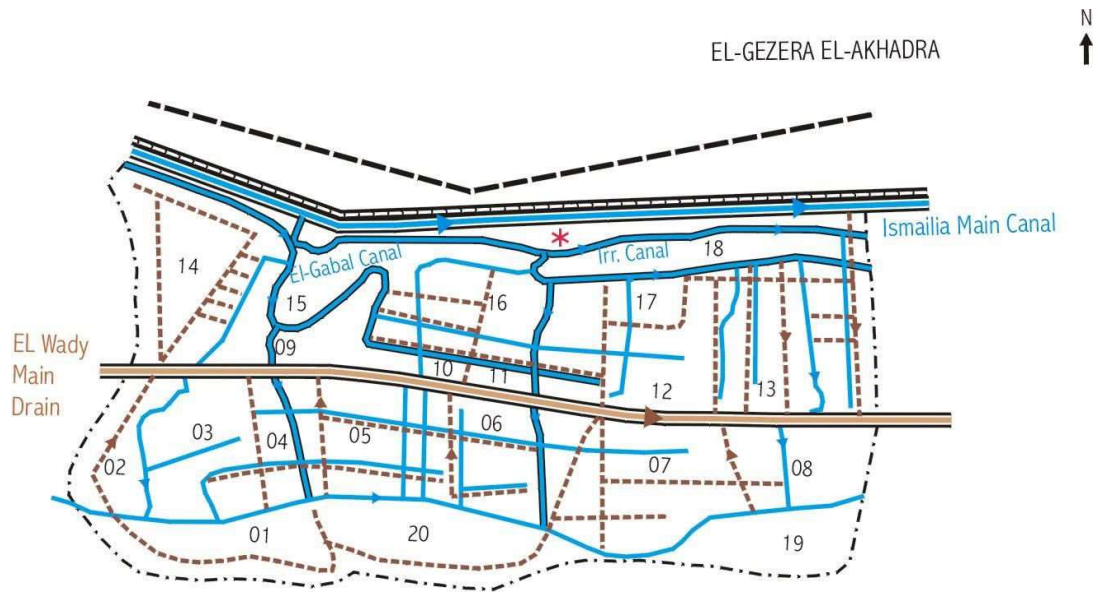
IS 64  
PFA No.3  
Map No.2

\* X : 3392259  
Y : 3971991



IS 64  
PFA No.3  
Map No.3

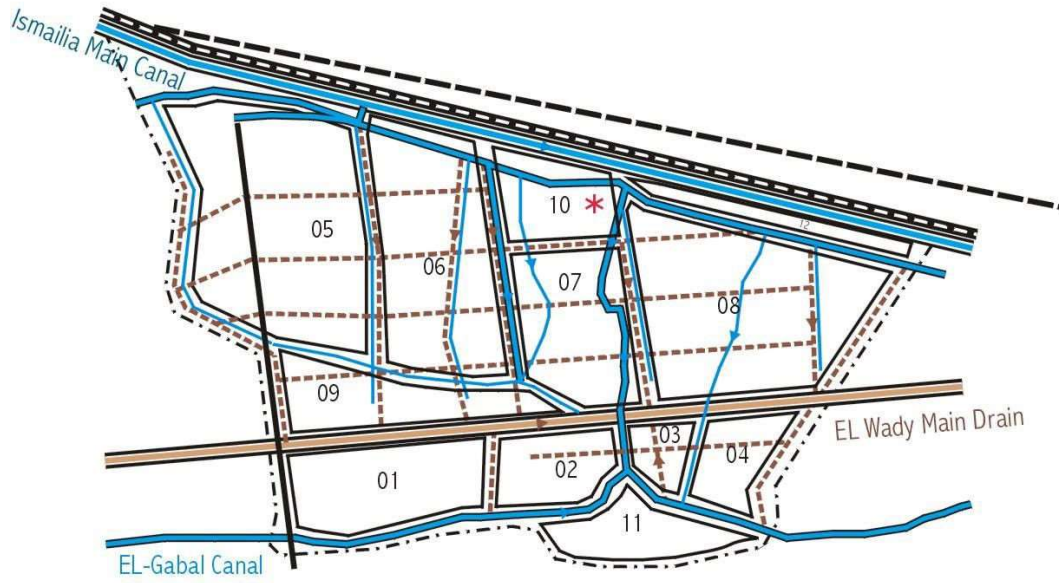
\* X : 3390926  
Y : 3967512



IS 64  
PFA No.3  
Map No.4

\* X : 3391129  
Y : 3963838

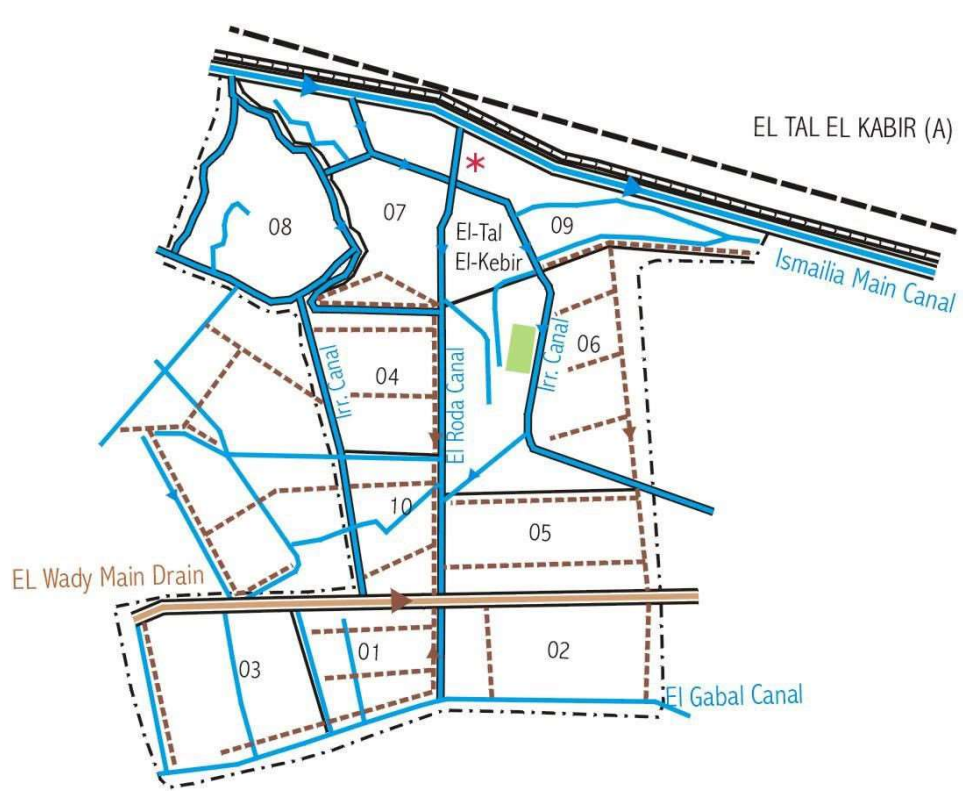
ABO ASHOUR



IS 64  
PFA No.3  
Map No.5

\* X : 3391419  
Y : 3962851

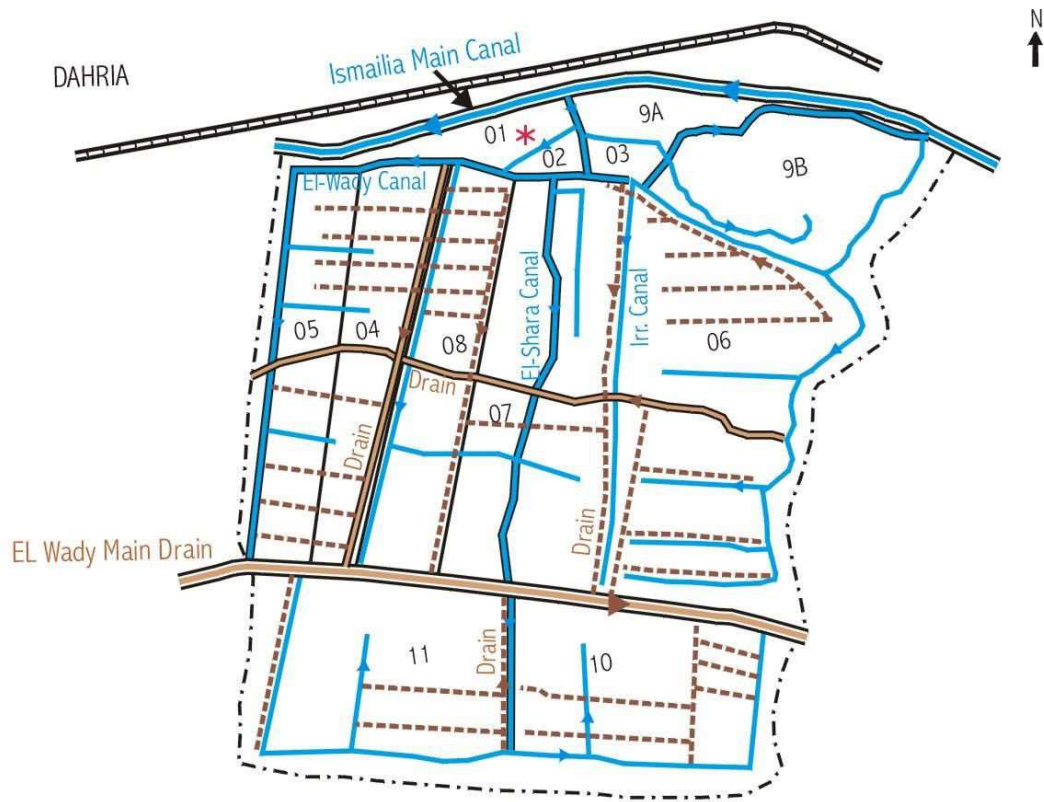
- 01 Basin 14 Kebly
- 02 Basin 13 Kebly
- 03 Basin 12 Kebly
- 04 Basin 11 Kebly
- 05 Basin 14 Bahary
- 06 Basin 13 Bahary
- 07 Basin 12 Bahary
- 08 Basin 11 Bahary
- 09 El-Tal-El-Saghier
- 10 Kafr Ashour
- 11 Abou Khalifa
- 12 El-Gabl



IS 64  
PFA No.3  
Map No.6

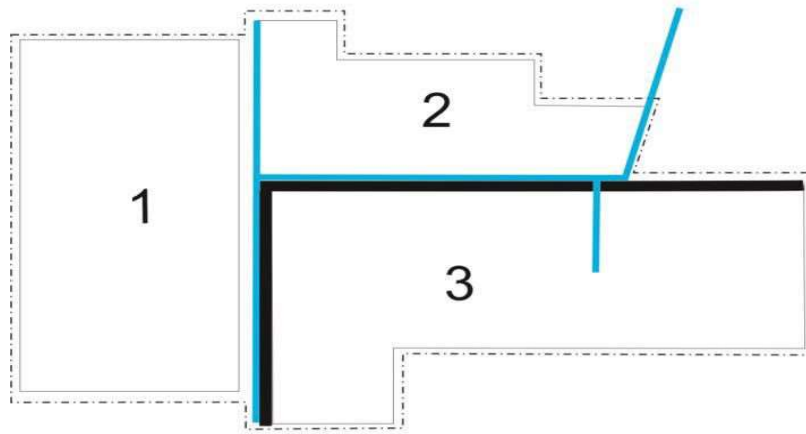
\* X : 3392595  
Y : 3957929





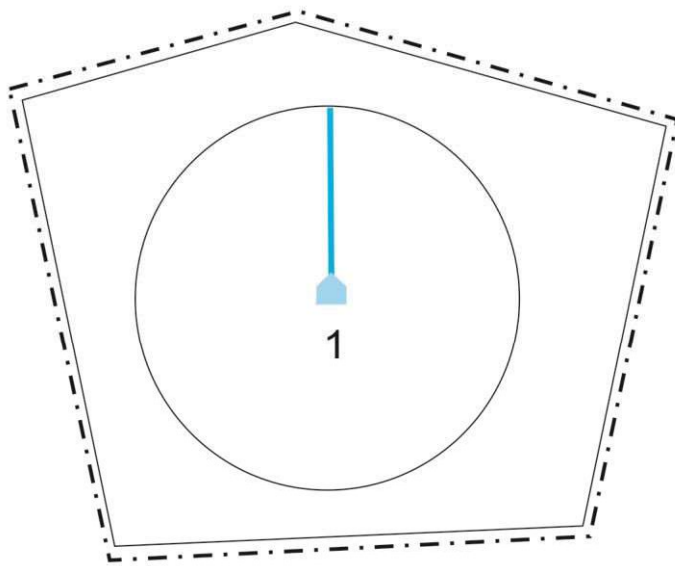
IS 64  
 PFA No.3  
 Map No.8

\* X : 3389668  
 Y : 3952244



IS 64  
PFA No.03  
Map No.12





IS.64  
PFA No.03  
Map No.13

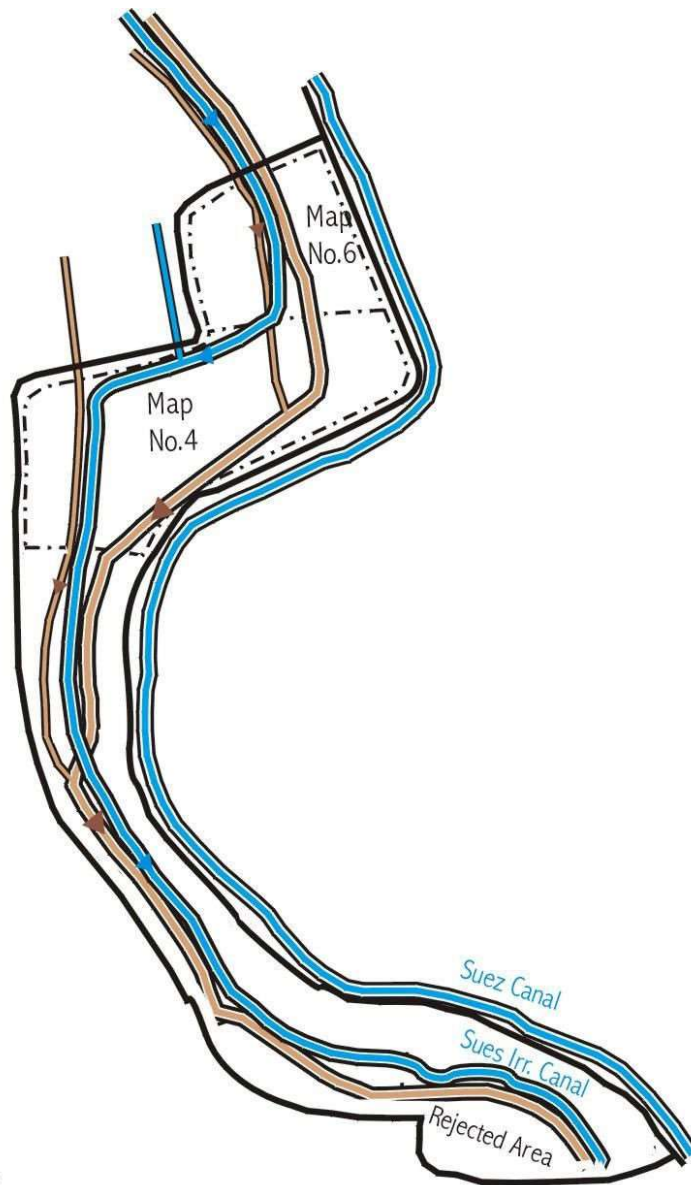
*Pest Free Area Sheet*  
*Ismailia (IS) 64, PFA No.07*

1. Name of PFA: Fayed
2. No. of maps: 2 + General Map
3. Boundaries:
  - North: Port Said Governorate
  - South: Seuse Governorate
  - East : North Sinai Governorate
  - West : El-Sharkia Governorate
4. Total Pest Free Area ( feddan ): 800
  - Total area proposed for potato: 110
  - Total area proposed for export: 85
5. Type of soil : Sandy and loamy sandy
6. Irrigation system: Flooding and Drip irrigation.
7. Source of water: Ismailia Canal
8. Rotation system:

2018/2019	2019/2020	2020/2021	
Summer season: Potato and others	Melon	Sesame	
Winter season: Wheat, Potato& others	Barley	Wheat & Clover	
9. No. of basins: 16
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 No Potato Planting
13. No. of water samples tested: 81 (free)
14. No. of weed samples tested: 78 (free)
15. No. of potato samples visually inspected: 0
16. No. of basins visually inspected: 0
17. No. of potato samples tested by IF for export: 0
18. No. of growers: 10
19. General remarks:

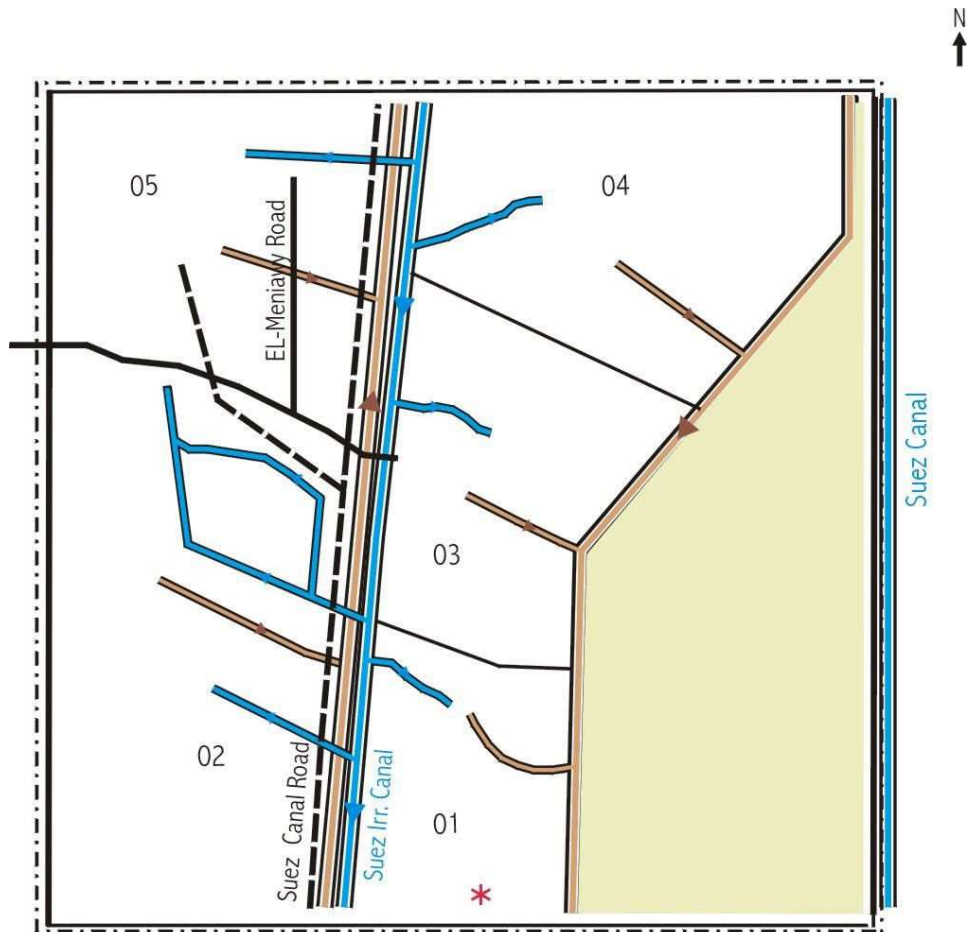
*Codes No. of Ismailia (IS) 64, PFA No.07 (Fayed)*

Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test			
					Infested	Excluded	Codes No's tested		No of samples	
							2020	2021	2020	2021
Map 4										
64	07	04	01>05	Abo Soltan						
Map 6										
64	07	06	01>11	Sarabium El-Hawes						



General Map  
IS 64  
PFA No. 7

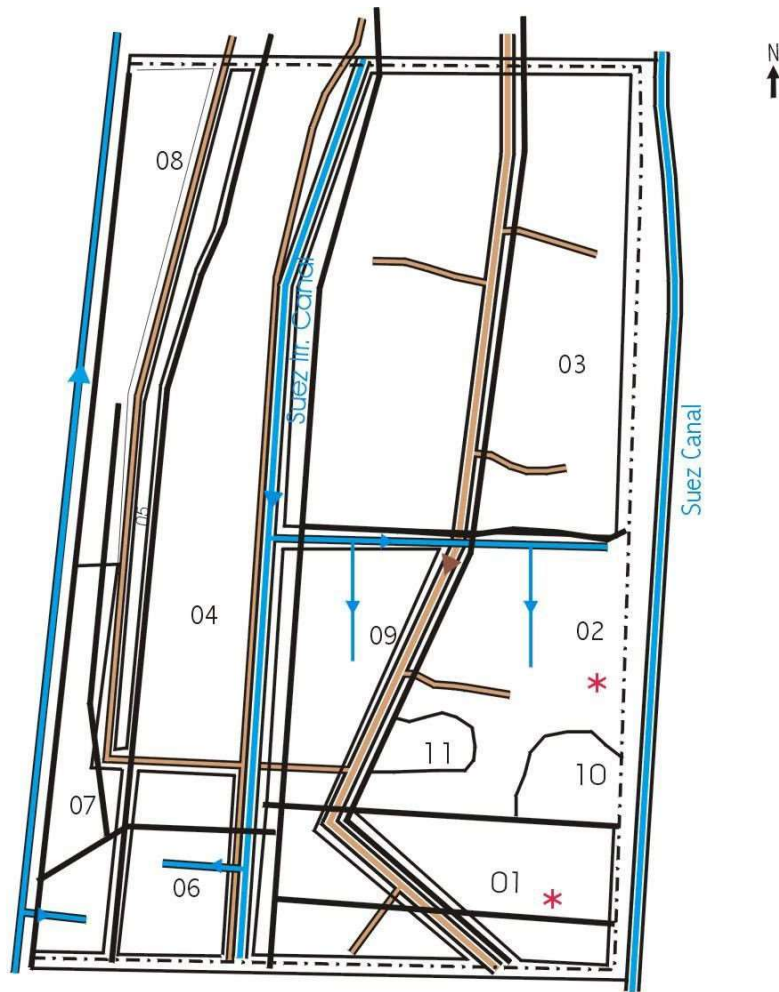
Map No. 4    Abo soltan  
Map No. 6    Sarabium EL- Hawees



IS 64  
 PFA No.7  
 Map No.4

\* X : 3378306  
 Y : 4011077

- 01 EL-Makhada El-Sharkia
- 02 EL-Makhada El-Gharbia
- 03 Haseba Wamahata
- 04 EL-Matar
- 05 EL-Meniawy



IS 64

PFA No. 7

Map No.6

L (01): \* X : 3381502  
Y : 4012964

L (02): \* X : 3378916  
Y : 4012013

- 01 EL-Ballasa
- 02 EL-Gabalawy
- 03 EL-Karakrawal Ghazala
- 04 Gharb EL-Teraa
- 05 Gharb EL-Sekka EL-Hadied
- 06 EL-Haweess
- 07 EL-Arab
- 08 Shark Masraf Sraubium EL-Omomy
- 09 Gharb Masraf Sraubium EL-Omomy
- 10 Abou Rawy
- 11 Ezbet Veta

*Pest Free Area Sheet*  
*Ismailia (IS) 64, PFA No.08*

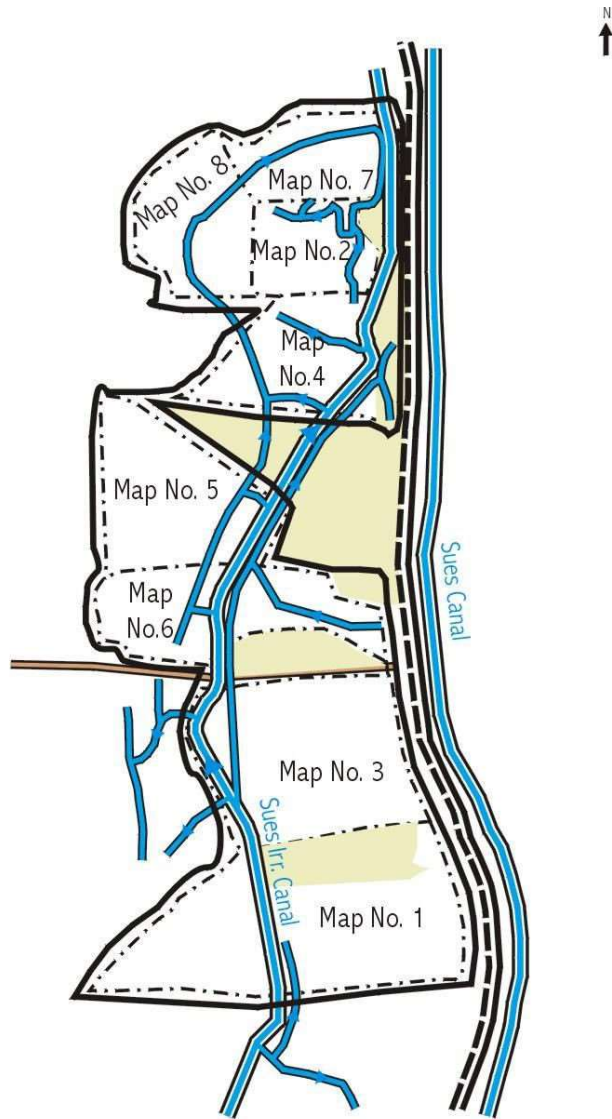
1. Name of PFA: El-Kantarah Gharb
  2. No. of maps: 8 + General Map
  3. Boundaries:
    - North: Port Said Governorate
    - South: Seuse Governorate
    - East : North Sinai Governorate
    - West : El-Sharkia Governorate
  4. Total Pest Free Area ( feddan ): 3200
    - Total area proposed for potato: 170
    - Total area proposed for export: 120
  5. Type of soil : Clay and loamy sandy
  6. Irrigation system: Flooding irrigation.
  7. Source of water: El-Kantarah Gharb Canal branched from Ismailia Canal
  8. Rotation system


2018/2019	2019/2020	2020/2021
Summer season: Potato, Peanut and others	Melon	Onion and other
Winter season: Wheat, Potato and others other	Wheat & Clover	Wheat and
  9. No. of basins: 48
  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 No Potato Planting
  13. No. of water samples tested: 49 (free)
  14. No. of weed samples tested: 60 (free)
  15. No. of potato samples visually inspected: 0
  16. No. of basins visually inspected: 0
  17. No. of potato samples tested by IF for export: 0
  18. No. of growers: 40
- General remarks:

*Codes No. of Ismailia (IS) 64, PFA No.08 (El-Kantara Gharb)*

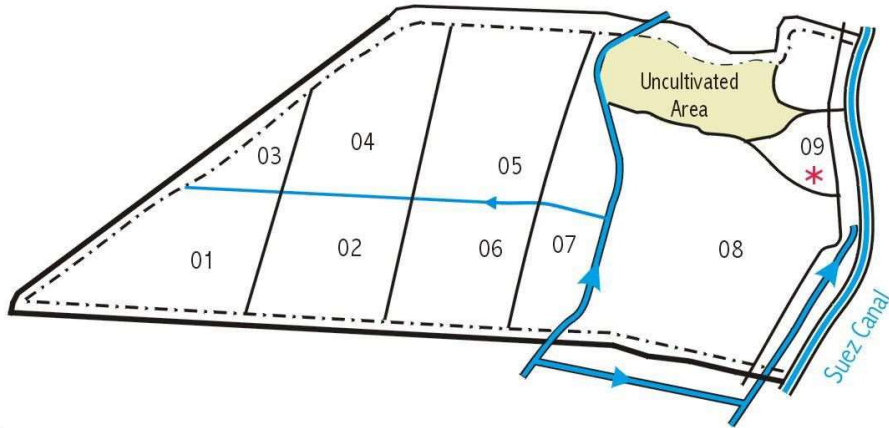
Gov.	PFA	Farm	Basin	Farm name	Codes No's		IF test				
					Infested	Excluded	Codes No's tested		No of samples		
							2020	2021	2020	2021	
Map 1											
64	08	01	01>09	El-Nasr							
Map 2											
64	08	02	01>12	El-Kantara Gharb							
Map 3											
64	08	03	01>04	El-Riad							
Map 4											
64	08	04	01>05	El-Riah							
Map 5											
64	08	05	01>03	El-Roda							
Map 6											
64	08	06	01>08	El-Ballah							
Map 7											
64	08	07	01>03	El-Baidia							
Map 8											
64	08	08	01>04	El-Bhaira							





General Map  
IS 64  
PFA No. 8

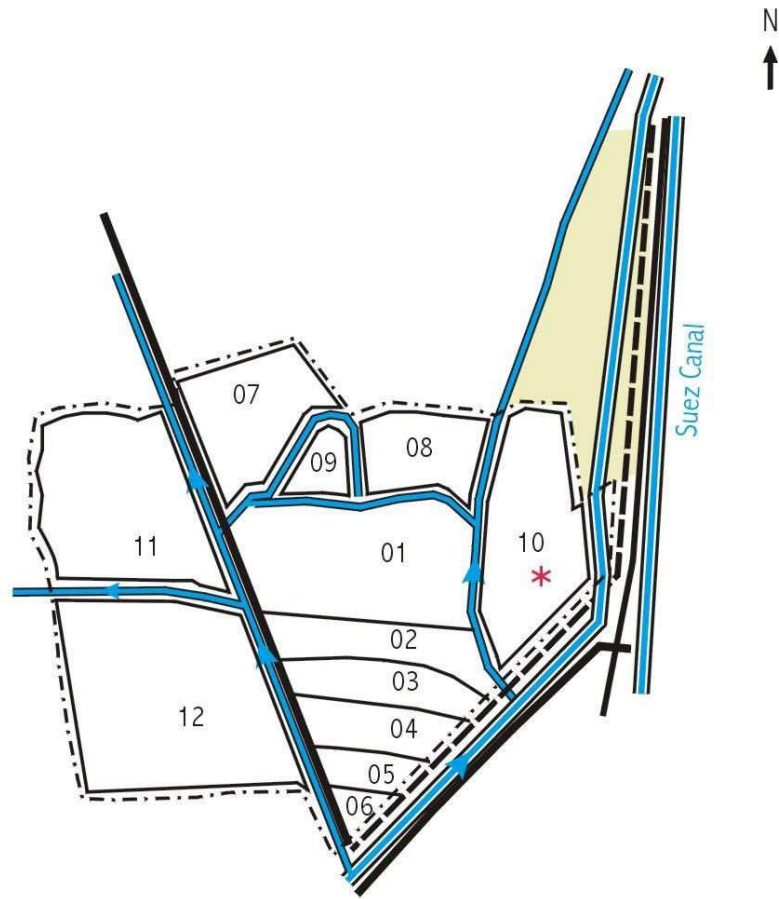
- Map 1 EL-Nasr
- Map 2 EL-Kantara Gharb
- Map 3 EL-Riad
- Map 4 EL-Riah
- Map 5 EL-Roda
- Map 6 EL-Ballah
- Map 7 EL-Biadia
- Map 8 EL-Bhaira



IS 64  
PFA No.8  
Map No.1

\* X : 3410666  
Y : 4005163

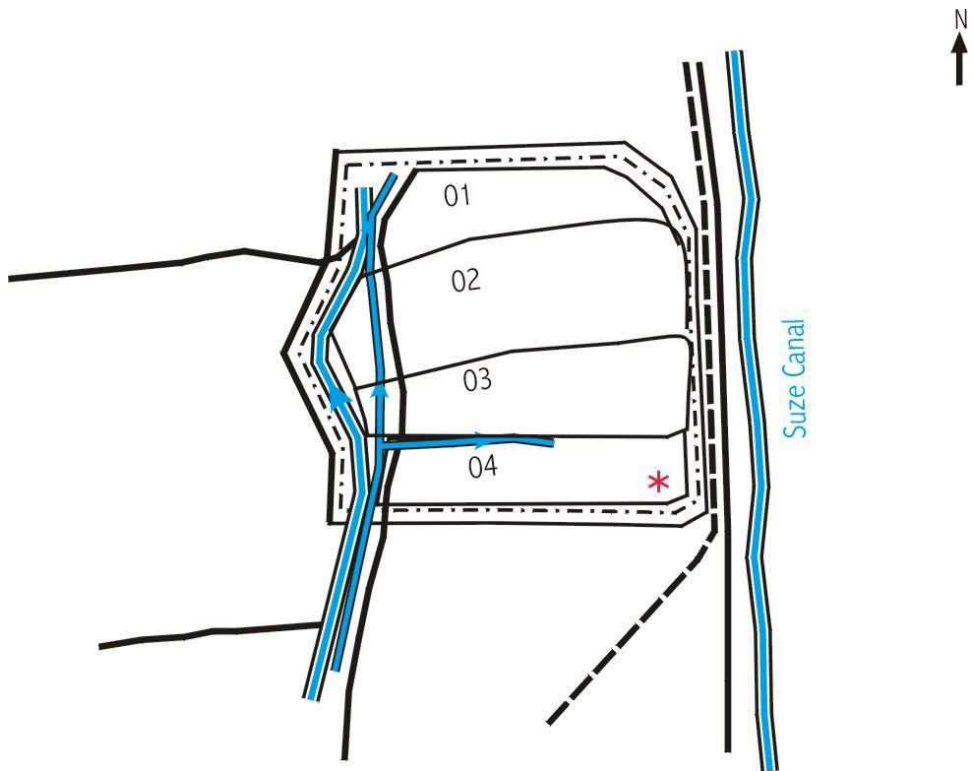
- 01 Kharg El-Zemam No. 9 Class 15
- 02 Kharg El-Zemam No. 9 Class 16
- 03 Kharg El-Zemam No. 9 Class 12
- 04 Kharg El-Zemam No. 9 Class 11
- 05 Kharg El-Zemam No. 9 Class 10
- 06 Kharg El-Zemam No. 9 Class 17
- 07 Kharg El-Zemam No. 9 Class 9
- 08 Shagaret El-Abeed No. 8
- 09 El-Abour
- 10 El-Asher



IS 64  
PFA No.8  
MAP No.2

\* X : 3425248  
Y : 4008020

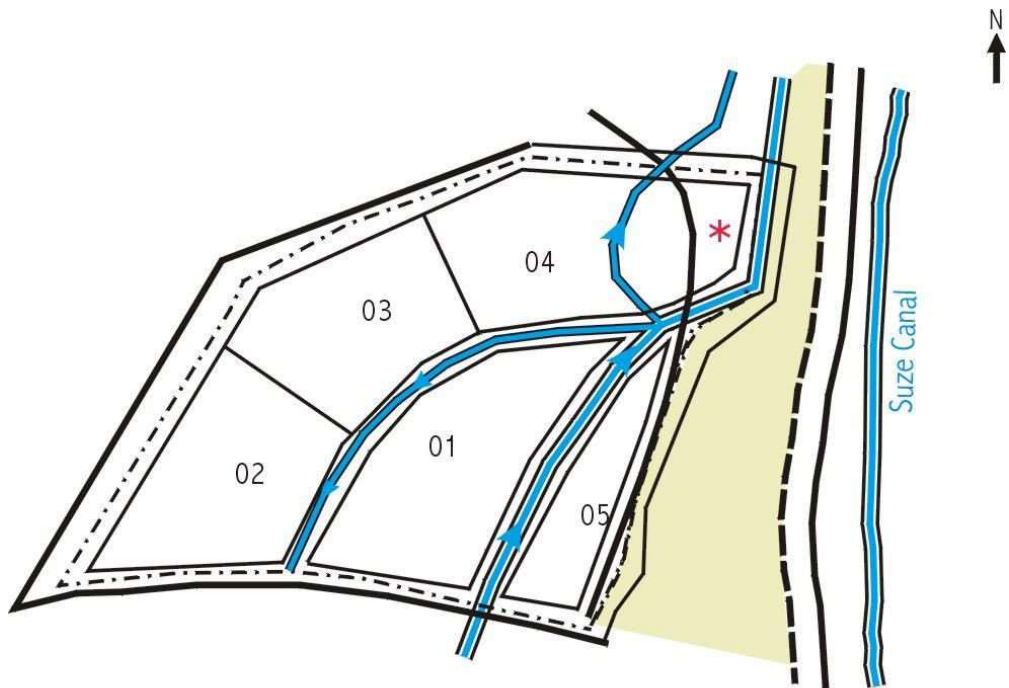
- 01 El - Kantara No. 1 Class 1 El - Niahora
- 02 Mohamed Abou Gabal
- 03 Abd El - Razik
- 04 Abd El - Moniem Ahmed Kareem
- 05 Mohamed Abou Awad-Alla
- 06 Abou Shaikoon
- 07 El - Rayah
- 08 Abou Sobaih
- 09 Abou Rashed
- 10 El - Kantara No. 1 Class 4 El - Harsh
- 11 El - Kantara No. 1 Class 2 El - Behera
- 12 El - Kantara No. 1 No. Class 3 El - Omda



IS 64  
 PFA No.8  
 Map No.3

\* X : 34142333  
 Y : 4004132

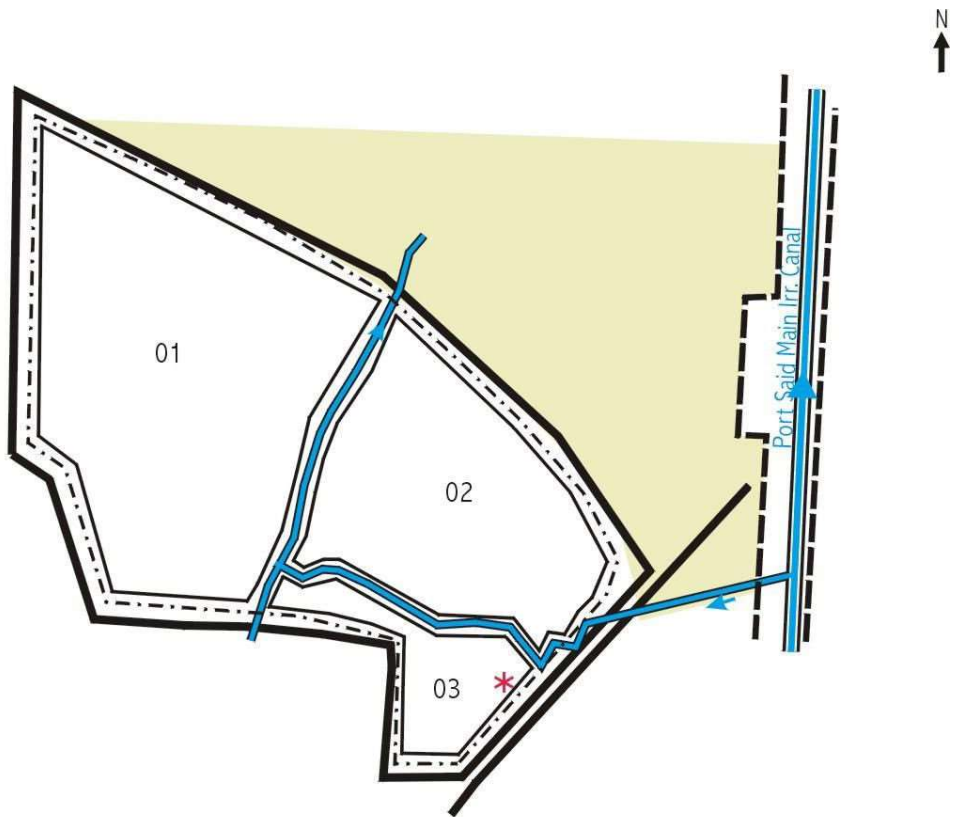
01 El - Bar El Sharky  
 02 El - Bar El - Gharby A  
 03 El - Bar El - Gharby B  
 04 El - Bar El - Gharby C



IS 64  
 PFA No.8  
 Map No.4

\* X : 3421764  
 Y : 4006064

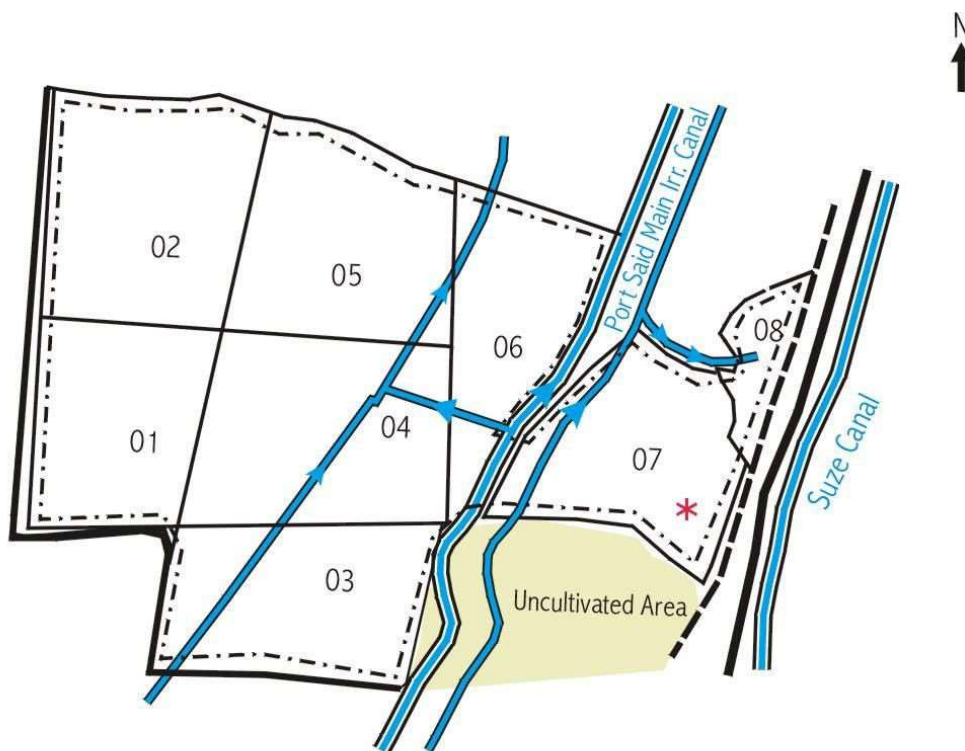
- 01 Shagaret El Abeed
- 02 El - Maaza
- 03 El - Amoda
- 04 El - Rayah
- 05 El - Kefah



IS 64  
PFA No.8  
Map No.5

\* X : 3422680  
Y : 4006674

- 01 El - Kantara No. 1  
Class 7 El - Manzala A
- 02 El - Kantara No. 1  
Class 3 El - Omda
- 03 El - Kantra No. 1  
Class 7 El - Manzal B

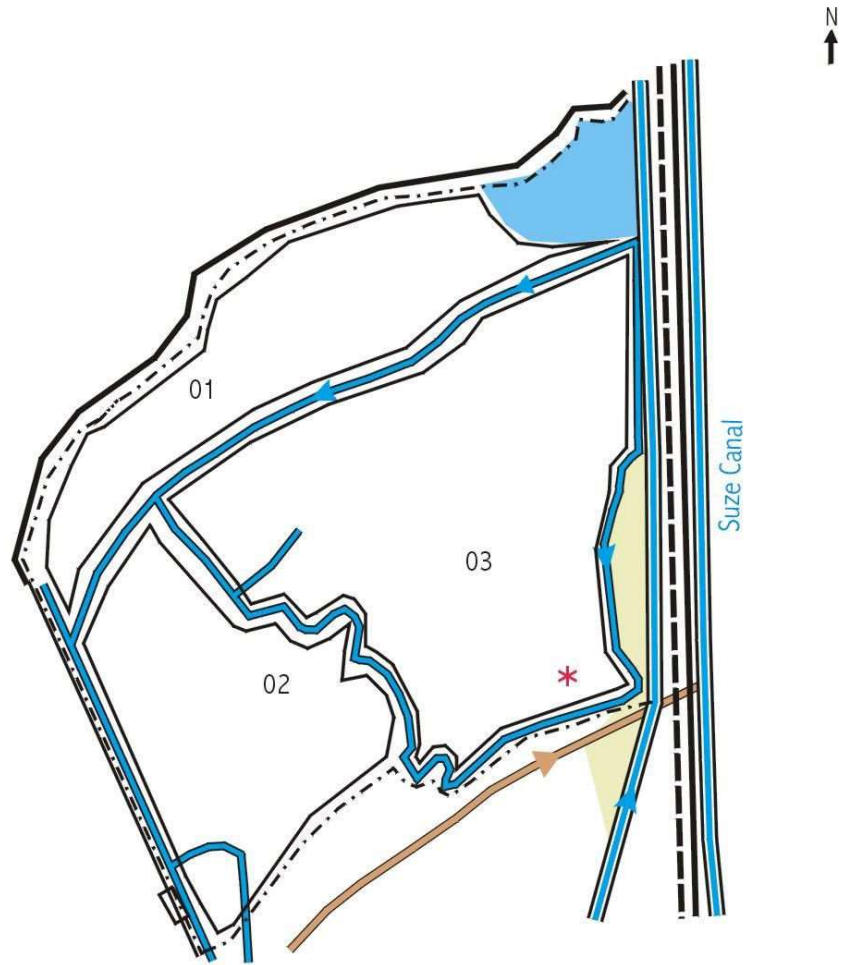


IS 64  
 PFA No.8  
 Map No.6

\* X : 3419030  
 Y : 4004657

- 01 Khareg El - Zemam No.9 Class7
- 02 Khareg El - Zemam No.9 Class 9
- 03 Khareg El - Zemam No.9 Class 10
- 04 Khareg El - Zemam No.9 Class 8
- 05 Khareg El - Zemam No.9 Class 2
- 06 Khareg El - Zemam No.9 Class 1
- 07 Shagaret El - Abeed No. 8
- 08 Sayah



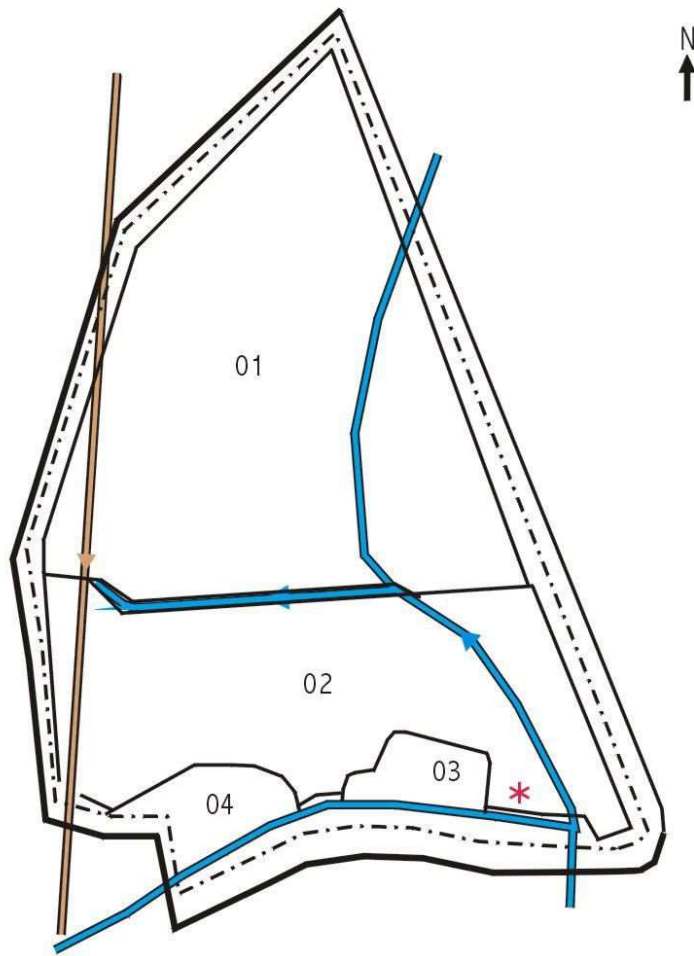


IS 64  
 PFA No.8  
 Map No.7

\* X : 3428670  
 Y : 4008163

01 Zhr El - Gamal El Baharia  
 02 El - Khourtoby  
 03 El - Kantara No. 4  
 Class 6 El Byadia





IS 64  
 PFA No.8  
 Map No.8

\* X : 3429611  
 Y : 4008423

- 01 EL-Kantara No. 1 Class 5 EL-Kasaa
- 02 EL-Kantara No. 1 Class 2 EL-Bhaira
- 03 Mohamed Abd EL-Hady
- 04 Mohamed Aly Soudan