



Food and Agriculture
Organization of the
United Nations



World Organisation
for Animal Health
Founded as OIE

Report on the PPR situation in *IRAQ*

KHAZAAL ABBAS KHAZAAL
Central Vet Lab / Veterinary Directorate



GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



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Describe the PPR control measures the Global PPR Control Strategy

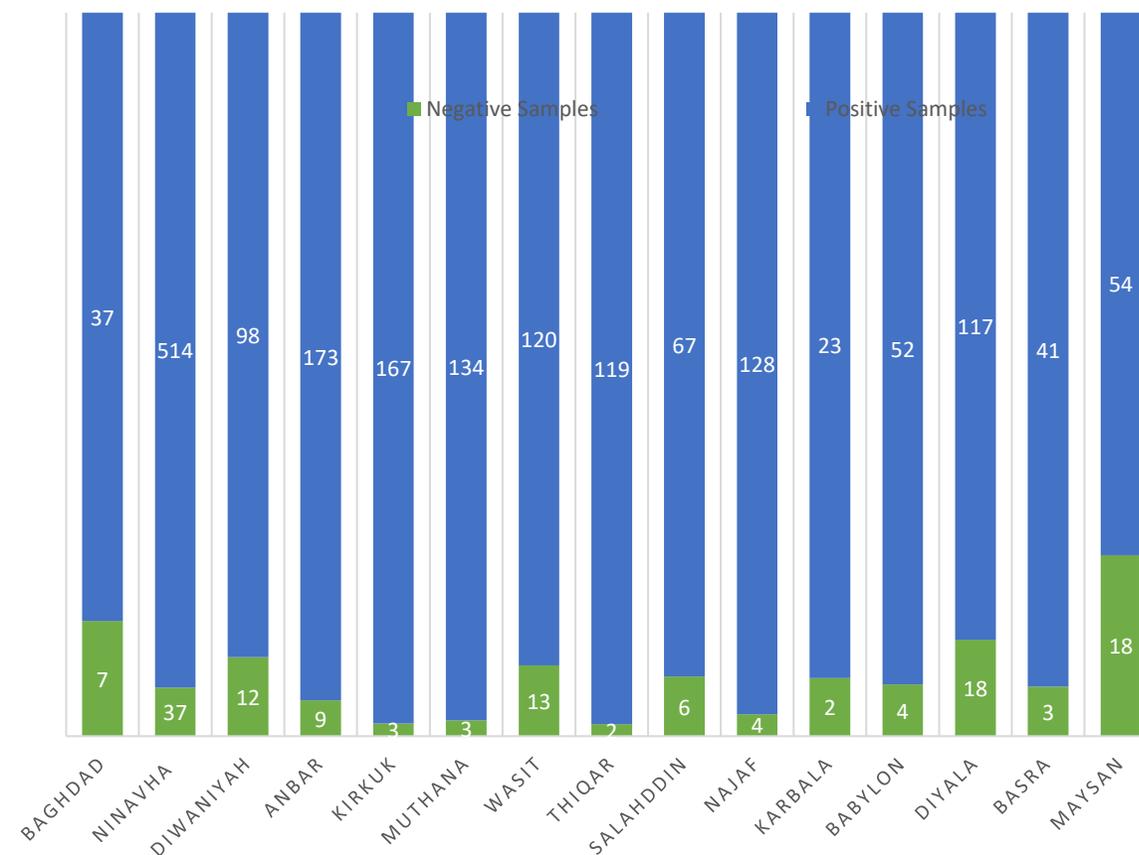
- *Vaccination Programme*
- *Movement control*
- *Biosecurity measures*
- *Animal identification*



Immunological Evaluation of PPR 2021

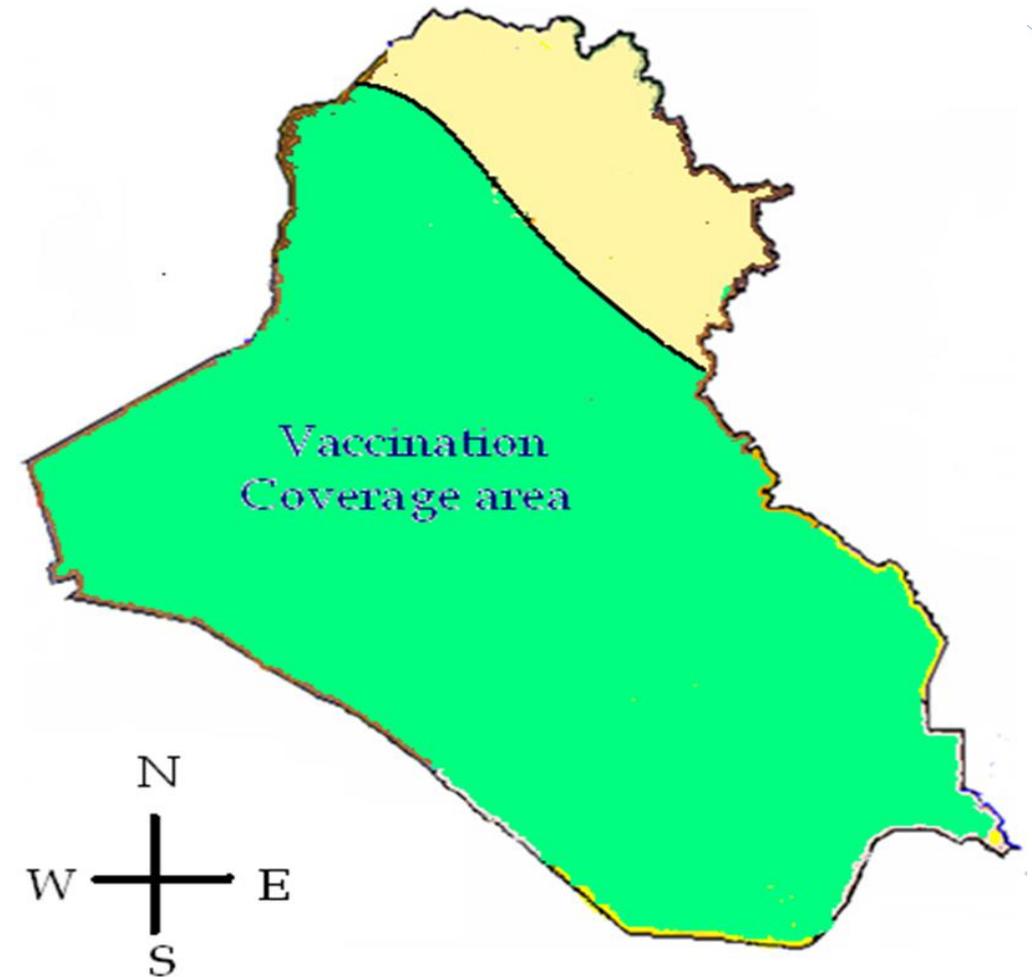
Province	Results		
	No Sample	Immune/ratio	Not Immune/ratio
Baghdad	44	37/84%	7/16%
Ninavha	551	514/93.3%	37/6.7%
Diwaniyah	110	98/89%	12/11%
Anbar	182	173/95%	9/5%
Kirkuk	170	167/98.3%	3/1.7%
Muthana	137	134/97.8%	3/2.2%
Wasit	133	120/90.3%	13/9.7%
Thiqar	121	119/98.3%	2/1.7%
Salahddin	73	67/91.8%	6/8.2%
Najaf	132	128/97%	4/3%
Karbala	25	23/92%	2/8%
Babylon	56	52/92.8%	4/7.2%
Diyala	135	117/86.6%	18/13.4%
Basra	44	41/93.2%	3/6.8%
Maysan	72	54/75%	18/25%
	1985	1844/92.8%	141/7.2%

PPR POST VACCINE MONITORING



PPR situation in Iraq 2021 – August 2022

Province	suspected case 2021	Confirm Lab	suspected case 2022	Confirm Lab
Baghdad	4	1 Deer	6	-
Maysan	1	1	1	-
Karbala	-	-	1	-
Babylon	-	-	1	-
Wasit	1	-	1	-
Anbar	2	-	14	1
Diyala	2	-	1	-
Diwaniyah	1	1	1	-
	11	3	26	1



PPR Control Strategy In Iraq

- *Compulsory, Free of charge vaccination campaigns for all small ruminant 3 months and above, once yearly.*
- *Awareness campaigns for farmers and veterinarians.*
- *Application of animal movement restriction, and quarantine measures.*
- *Applying of biosafety and security measures when new disease foci are identify.*
- *Improve prophylactics measures against exotic infectious diseases.*



Success Keys for the National As well as Global Control Strategy

- ***One serotype***
 - No carrier state after infection.***
 - No reservoir outside domestic small ruminants.***
- ***Many of the tools required for progressive control are already available.***
- ***Vaccine with life long immunity after a single dose, cheap to produce, thermo-stable vaccine to come .***
- ***Diagnostic tests available.***



PPR in Cattel & Buffalo

The reason for conducting this study:

- Epidemiological changes and the spread of the causative agent for crossing the species barrier and infecting deer.
- Joint breeding between herds of sheep and goats with cattle and buffaloes .
- Monitoring and detection disease in cattle and buffaloes in areas Where Vaccinations are used.



PPR in Cattle

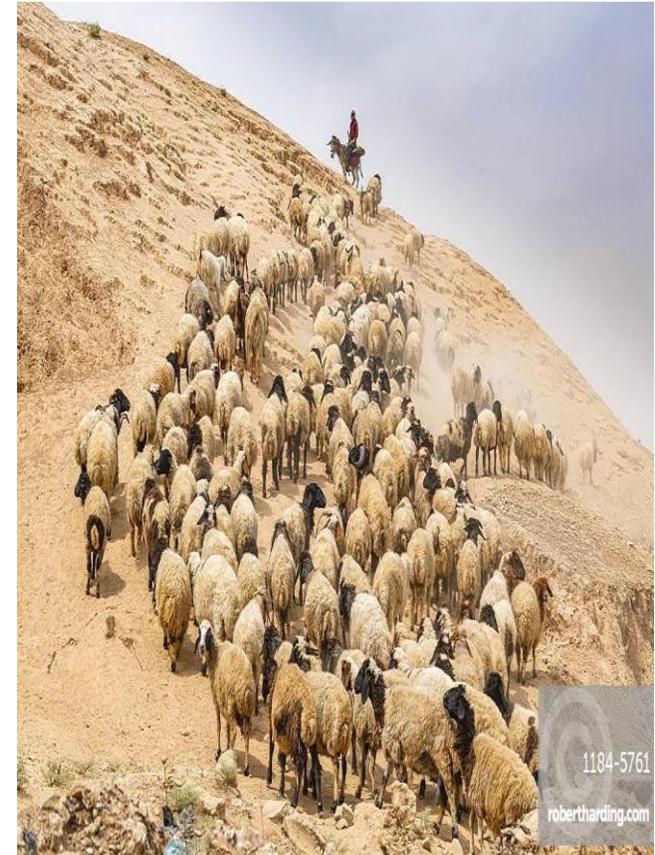
Governorates	Result of PPR in Cattle				
	No. of samples	+ve	Percentage	-ve	Percentage
Baghdad	86	25	29%	61	71%
Nineveh	178	62	34.8%	116	65.2%
Al-Dewanya	188	52	27.6%	136	72.4%
Al-Anbar	42	10	23.8%	32	76.2%
Karkuk	79	25	31.7%	54	68.3%
Al-Muthanna	40	12	30 %	28	70%
Wasit	92	11	11.9%	81	88.1%
Thi - Qar	198	23	11.6%	175	88.4%
Salah AL-din	80	14	17.5%	66	82.5%
Al-Najaf	42	9	21.4%	33	78.6%
Karbala	42	16	38%	26	62%
Babil	76	13	17.1%	63	82.9%
Diyala	102	26	25.4%	76	74.6%
Albasra	58	12	20.6%	46	79.4%
Maysan	141	13	9.2%	128	90.8%
Total	1444	323	22.3%	1121	77.7%

PPR in Buffalo

Governorates	Result of PPR in Buffalo				
	No. of samples	+ve	Percentage	-ve	Percentage
Baghdad	10	4	40%	6	60%
Nineveh	3	2	66%	1	34%
Al-Dewanya	11	1	9%	10	91%
Al-Anbar	0	0	0	0	0
Karkuk	5	2	40%	3	60%
Al-Muthanna	11	3	27%	8	73%
Wasit	11	3	27.2%	8	72.8%
Thi Qar	9	0	0%	9	100%
Salah AL-din	3	0	0%	3	100%
Al-Najaf	10	1	10%	9	90%
Karbala	14	5	35.7%	9	64.3%
Babil	7	1	14.2%	6	85.8%
Diyala	8	2	25%	6	75%
Albasra	8	1	12.5%	7	87.5%
Maysan	12	2	16.6%	10	83.4%
Total	122	27	22%	95	78%

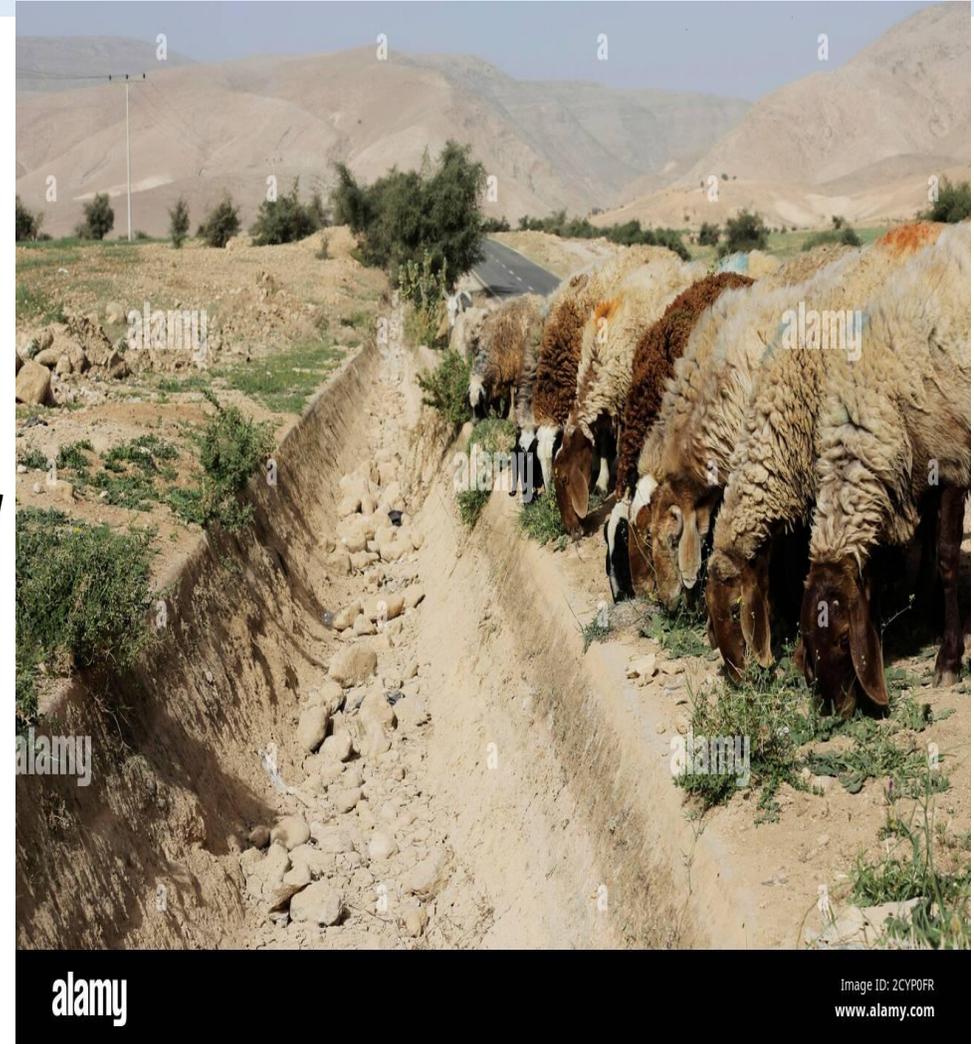
Old challenges make it difficult to implement the strategic plan

- Difficult controlling movement of animals between governorates, despite the existence regulatory laws.*
- Some breeders refuse to vaccinate their animals.*
- Lack of information exchange between neighboring countries and even within the country.*
- There is no animal numbering.*
- Not getting DIVA Kit.*
- Not getting Thermo-Stable vaccine.*
- Awareness campaigns for farmers and veterinarians.*
- Inefficient cooperation with the veterinary private sector.*



New Challenges

- ❑ *Improve prophylactic measures against Zoonotic diseases.*
- ❑ *Quarantine measures.*
- ❑ *Drought (the problem of the world) and the lack of pastures led to the abandonment of raising livestock.*
- ❑ *Smuggling and weak government actions.*



Assistant and Support required

- Raising field skills in early diagnosis.*
- Rapid Diagnostic Kits.*
- Awareness campaigns for farmers, especially females, through video programs on social media.*
- Developing a communication, reporting and information exchange system with neighboring countries .*
- Continuous communication with governments through global organizations to implement the global plan to eliminate the disease.*



***Thank
you***

