

Update on HPAI-vaccination in confined establishments in Spain

PAFF

25th June 2024





GOBIERNO
DE ESPAÑA

MINISTERIO
DE AGRICULTURA, PESCA
Y ALIMENTACIÓN

National Vaccination Programme in zoos and other captive birds since 2022



- Design of a National Plan for vaccination of captive birds.
- Voluntary and justified for protected and endangered species with risk -contact with wild birds.
- Nobilis H5N2 inactivated vaccine following technical card of the vaccine.
- Post vaccination surveillance based on passive on sentinels and vaccinated birds (PCR on 100% sick/dead birds) and active by OVS every 30 days clinical inspection, and PCR and ELISA (60 birds) in the case of establishments non authorised under article 4 of Regulation (UE) 429/2016.
- Under OVS authorisation.
- Communicate to EC all authorisations granted.
- Supervised by official vets.





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- 2022-2023: Two establishments:
 - ✓ Zoo of Barcelona
 - ✓ Zoo of Toledo (Puy du Fou)

- 2023-2024: One additional establishment applied for vaccination:
 - ✓ Wildlife recovery centre of *Milvus milvus* in Zaragoza



In 2024, 2 establishments have vaccinated: Zoo in Toledo and wildlife recovery centre in Zaragoza



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Annual report-preventive vaccination (Regulation 2023/361)

NUMBER OF VACCINATED ESTABLISHMENTS	Toledo	Zaragoza	TOTAL
	1	1	2

NUMBER OF DOSES ADMINISTERED	Toledo	Zaragoza	TOTAL
	408	68	476

NUMBER OF VACCINATED ANIMALS	Toledo (204 birds)	Zaragoza	TOTAL
	2 <i>Aegyptius monachus</i>	34 <i>Milvus</i>	238
	2 <i>Aquila nipalensis</i>	<i>milvus</i>	
	1 <i>Buteo buteo</i>		
	1 <i>Buteo regalis</i>		
	7 <i>Geranoaetus Polyosomas</i>		
	6 <i>Haliaeetus leucocephalus</i>		
	44 <i>Milvus migrans</i>		
	3 <i>Milvus migrans parasitus</i>		
	1 <i>Neophron percnopterus</i>		
	3 <i>Parabuteo unicinctus</i>		
	3 <i>Gyps rueppelli</i>		
	3 <i>Gyps africanus</i>		
	5 <i>Gyps fulvus</i>		
	2 <i>Sagittarius serpentarius</i>		
	1 <i>Bycanistes brevis</i>		
	3 <i>Cathartes aura</i>		
	8 <i>Ciconia abdimii</i>		
	32 <i>Ciconia ciconia</i>		
	5 <i>Marabú africano</i>		
	1 <i>Dacelo leachii</i>		
	1 <i>Dacelo novaeguineae</i>		
	4 <i>Caracara plancus</i>		
	1 <i>Falco biarmicus</i>		
	8 <i>Falco cherrug</i>		
	1 <i>Phalcoboenus megalopterus</i>		
	2 <i>Balearica pavonine</i>		
	4 <i>Balearica regulorum</i>		
	1 <i>Tauraco leucolophus</i>		
	1 <i>Corvus Corax</i>		
	7 <i>Eudocimus ruber</i>		
	7 <i>Plegadis falcinellus</i>		
	8 <i>Bubulcus ibis</i>		
	1 <i>Bubo bengalensis</i>		
	2 <i>Bubo bubo sibiricus</i>		
	1 <i>Strix nebulosa</i>		
	2 <i>Strix leptogrammica</i>		
	2 <i>Bubo lacteus</i>		
	1 <i>Pulsatrix perspicillata</i>		
	14 <i>Tyto alba</i>		

Thank you for your attention

