

REPORT OF THE A.A.A.P. COMMITTEE ON PULLORUM-TYPHOID ERADICATION

JULY 21, 1968

During the past year members of this committee and A.A.A.P. have participated in committee activities of national organizations interested in Pullorum-Typhoid eradication. Following the 1967 annual meeting of A.A.A.P., the chairman made contact with eight organizations exploring the possibility of a meeting of representatives of these organizations to discuss the coordination of efforts to arrive at a basic eradication program that will be acceptable to the poultry and turkey industries.

The organizations contacted were:

- American Poultry Hatchery Federation
- Poultry Breeders of America
- Natural Turkey Federation
- U. S. Livestock Sanitary Ass'n.
- National Poultry and Turkey Improvement Plans Advisory Committee
- American Ass'n Avian Pathologists
- Animal Health Division, A.R.S., U.S.D.A.
- Animal Husbandry Division, A.R.S., U.S.D.A.

The response from these groups indicated a meeting of representatives from each organization was desirable.

At the meeting of the subcommittee on P-T Eradication of the Committee on Transmissible Diseases of Poultry of U.S.L.S.A. in Phoenix, Arizona, on October 16, it was agreed to hold a meeting at the time of the annual meeting of the National Turkey Federation in St. Louis in January, 1968..

At the meeting in Phoenix, the U.S.L.S.A. committee reconfirmed its support in principle of the 5 phase eradication program. It also suggested the turkey industry independent of the poultry industry move ahead on an eradication program.

Following the U.S.L.S.A. meeting, a questionnaire was sent to each state veterinarian to ascertain the present status of P-T control program in each state. This information was prepared for the meeting in St. Louis on January 7, 1968.

St. Louis Meeting - January 7, 1968

Representatives were present from the following organizations:

National Turkey Federation, Poultry Breeders of America, U.S.L.S.A., National Plans, A.A.A.P. and Animal Health Division and Animal Husbandry Division of A.R.S., U.S.D.A. There were no representatives from the American Poultry Hatchery Federation.

Summary of the Survey

Replies received	48 States
No official program	2 States
(Nevada and Hawaii)	
No Replies	2 States
(New Mexico, Alaska)	
National Plans only (NP)	38 States
NP + Equivalent State Program (SP)	8 States

100% Participation of Hatcheries

NP	Chickens 16 States, Turkeys 23 States
NP + State Program	7 States

Pullorum Disease and Fowl Typhoid reportable

Yes	33 States
No	13 States

Pullorum Disease Outbreaks investigated that are reported

Yes	42 States
No	4 States

Pullorum Disease Outbreaks Quarantined

Yes	30 States
No	16 States

Importation Regulations

Yes	33 States
No	13 States

Regulations, Exhibition Birds

Yes	16 States
No	30 States

Outbreaks Pullorum Disease Reported (1966-67)

Yes	24 States
No	21 States
No information received	1 States
Number of outbreaks	71 C 0 T

Outbreaks Fowl Typhoid Reported (1966-67)

Yes	12 States
No	33 States
No information received	1 State
Number of outbreaks	23 C 3 T

States having 100% Participation (Chickens and Turkeys)

National Plans and State Program

North Atlantic (9)	6 States
East North Central (5)	1 State
West North Central (7)	4 States
South Atlantic (8)	4 States
South Central (8)	3 States
Western (9)	3 States

Theoretical Classification of States under Proposed 5 Phase (U.S.L.S.A.)
Program

North Atlantic	
5 States Phase 2	
1 State Phase 3	
3 States Phase 4	

East North Central
5 States Phase 2

West North Central
3 States Phase 1
4 States Phase 3

South Atlantic
5 States Phase 1
2 States Phase 2
1 State Phase 3

South Central
3 States Phase 1
3 States Phase 2
1 State Phase 3
1 State Phase 4

Western
5 States Phase 1
3 States Phase 2
1 State Phase 3

(See attached Table for Information on Individual States)

Pullorum-Typhoid Clean State under the Provision NTIP

One state applied for the classification and was qualified by USDA Animal Husbandry Research Division. There are 11 states that may be qualified but have not applied for the classification.

The discussion at the St. Louis meeting primarily concerned four areas:

1. There is a trend in the chicken industry of the intergrated organization to operate outside the National Plans because the intergrators buy multiplier stock from primary breeders under the Plan or equivalent program and see no justification to operate under the National Plan. The participation under NPIP varies from state to state (17% to 100%) average 65% for the U.S. Because of this trend by the intergrators it was suggested that provision be made to recognize multiplier flocks by some type of surveillance or sample testing program either under the Plan or State Program.
2. The turkey industry was encouraged to move ahead with an eradication program under the NTIP if the chicken industry failed to take the necessary steps at the next National Plans Conference in Cincinnati, July 15-17, 1968.
3. Since there are 13 states that do not require Pullorum disease and fowl typhoid to be reportable the group recommended that every effort should be made in these states to provide this basic requirement along with investigation of each outbreak.
4. The Animal Health Division, ARS, U.S.D.A. will cooperate with the Animal Husbandry Research Division, ARS, U.S.D.A. and any state interested in an eradication program to the extent that funds are available.

A meeting of the Advisory Committee to the General Conference Committee of the National Plans was held on April 19, 1968, in Chicago. Members of the A.A.A.P. on this committee are Drs. Harold Chute, R. H. McCapes, B.S. Pomeroy and John Van Zant. This advisory committee recommended that a Pullorum-Typhoid Clean State Classification be provided in both Plans at the next National Plans meeting.

At the annual meeting of the Poultry Breeders of America on May 2 in Kansas City, the suggested changes in the National Plans were considered. Although considerable progress has been made in the past year in bringing before the national poultry organizations the facts concerning an eradication program, there is a lack of enthusiastic support for a nationwide formal program.

At the National Plans Conference on July 15, 17, P-T Clean State Classifications for both the Chicken and Turkey Plans, were rejected by the majority of the delegates. However, the principles of the eradication program were recognized in both plans as an alternate procedure for partial testing program. The primary breeders do not want areas designated as Pullorum-Typhoid clean because of international shipments.

It appears that the most important factor leading to an eradication program are:

- 1 - A determined effort by the poultry and turkey industries to want to carry it out.
- 2 - All known foci of infection be expeditiously disposed of under supervision of a State disease control agency.
- 3 - Each outbreak be thoroughly investigated by trained professional personnel to get to the source(s) of the infection.
- 4 - Each infected premises should undergo thorough cleaning and disinfecting after depopulation.

The committee will continue to work with the various poultry and regulatory agencies and encourage the development of a basic program that will be acceptable to all concerned.

Respectfully Submitted,

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G.H. Snoeyenbos, ex officio
J.E. Williams, ex officio
A.S. Rosenwald, ex officio

	1	1	2		3		4		5		6		7	8	9	10	
State & Region	Nat. Plans Agency	State Plan Agency	Percentage of Hatcheries		State Chickens Turkeys		Pullorum Disease Reportable	Fowl Typhoid	Pullorum Disease Investigated	Fowl Typhoid	Pullorum Disease Quarantine	Fowl Typhoid	Importation Regulations	Exhibition Regulations	Phase	Outbreaks P F D T	
North Atlantic																	
Maine	U		30	*	0	0	Yes	Yes	Y,DCA	Y,DCA	Y,DCA	Y,DCA	Y,DCA	Y,DCA	2	1C	0
New Hampshire	DA		100	100	0	0	Yes	Yes	Y	Y	Y	Y	Y	Y	4	0	0
Vermont	DCA		100	*	0	0	Yes	Yes	Y	Y	Y	Y	Y	N	2	1C	0
Mass.	DA		100	100	0	0	Yes	Yes	Y	Y	Y	Y	Y	Y	4	0	0
Rhode Island	DCA		100	100	0	0	Yes	Yes	Y	Y	Y	Y	Y	N	2	0	0
Conn.	DCA		100	100	0	0	Yes	Yes	Y	Y	Y	Y	Y	Y	4	0	0
New York	DCA	DCA	50	70	40	30	Yes	Yes	Y	Y	Y	Y	No	No	2	0	0
New Jersey	DCA		77	80	0	0	Yes	Yes	Y	Y	Y	Y	Y	No	2	2C	1C
Penn.	DCA & B of M		50	NG	NG	NG	Yes	Yes	Y	Y	Y	Y	Y	Y	3	4C	1C
											(4/1/68)	(4/1/68)	(4/1/68)	(4/1/68)			
East North Central																	
Ohio	Ohio PA	DCA	95	99	5		Yes	Yes	Y	Y	Y	Y	Y	No	2	1C	0
Ind.	Ind PA		95	100	0	0	Y,DCA	Y,DCA	Y,DCA	Y,DCA	Y,DCA	Y,DCA	Y	No	2	2C	0
Ill.	DCA		80	90	0	0	Yes	Yes	Y	Y	Y	Y	N	N	2	5C	1C
Mich.	Mich PA		90	100	0	0	Yes	Yes	Y	Y	Y	Y	No	No	2	0	0
Wis.	DCA		25	100	0	0	Yes	Yes	Y	Y	Y	Y	Turkeys Only	No	2	4C	0
West North Central																	
Minn.	DCA	DCA	50	100	50	0	Yes	Yes	Y	Y	Y	Y	Y	Y	3	8C	1C
Iowa	IPIB	DCA	50	100	50	0	Yes	Yes	Y	Y	Y	Y	Y	Y	3	0	1T
Missouri	IPIB		90	100	0	0	No	No	Y	Y	N	N	N	N	1	2C	0
No. Dak.	IPIB		100	100	0	0	Yes	Yes	Y	Y	Y	Y	Y	Y	3	3C	0
So. Dak.	DCA & IPIB	DCA	60	100	40	0	Yes	Yes	Y	Y	Y	Y	Y	Y	3	4C	4C 1T
Nebraska	IPIB		60	80	0	0	No	No	Yes	Yes	N	N	N	N	1	1C	7C
Kansas	IPIB		85	100			No	No	N	N	N	N	Yes	N	1	3C	0
South Atlantic																	
Delaware	DA		100	*	0	0	Yes	Yes	Y	Y	Y	Y	No	Y	2	0	0
Maryland	DCA		96	100	0	0	No	No	Yes	Yes	N	N	Y	N	1	0	1C
Virginia	DA		86	100	0	0	No	No	Yes*	Yes	N	N	Y	N	1	4C	0
West Va.	DA		100	50	0	0	No	No	Y	Y	N	N	N	N	1	0	0
No. Carolina	DCA		100	100	0	0	Yes	Yes	Y	Y	Y	Y	Y	No	2	0	0
So. Carolina	IPIB		60	NG	NG	NG	No	No	N	N	N	N	Yes	N	1	12C	0
Georgia	GA PIA	DA	88	100	12	0	No	No	Y	Y	N	N	Y	N	1	0	0
Florida	DCA		100	100	0	0	Yes	Yes	Y	Y	Y	Y	Y	Y	3	2C	0

* DA & DCA

State & Region	1	2	3	4	5	6	7	8	9	10						
<u>South Central</u>																
Kentucky	U	100	100		Yes	Yes	Y	Y	Y	Y	Y	Y	3	?	?	
Tennessee	IPIB	70	*	0	0	Yes	Yes	Y	Y	No	No	N	N	1	4C	0
Alabama	DA	20	50	80	50	Yes	Yes	Y	Y	No	No	Y	N	1	2C	2C
Mississippi	DCA	100	100	0	0	Yes	Yes	Y	Y	Y	Y	Y	Y	4	0	0
Arkansas	Ark PA & DCA	73	75	0	0	Yes	Yes	Y,DCA	Y,DCA	Y	Y	Y	No	2	0	2C
Louisiana	DCA	40	*	0	0	Yes	Yes	Y	Y	Y	Y	Y	No	2	1C	0
Oklahoma	DCA	98	100	0	0	Yes	Yes	Y	Y	No	No	Y	Y	2	2C	0
Texas	IPIB	17	87	0	0	No	No	N	N	N	N	N	N	1	1C	3C
<u>Western</u>																
Nevada	DCA	No Program	0	0												
Montana	DCA	100	*	0	0	Yes	Yes	Y	Y	Y	Y	Y	No	2	1C	0
Idaho	IPIB	80	*	0	0	No	No	Yes	Yes	N	N	N	N	1	0	0
Wyoming	IPIB	100	*	0	0	No	No	N	N	N	N	Yes	N	1	0	0
Colorado	IPIB	100	80	0	0	No	No	Yes	Yes	Y	Y	Y	N	1	1C	0
Arizona	IPIB	80	100	0	0	Yes	No	Yes	No	N	N	N	Y	1	0	1T
Utah	DA	100	100	0	0	Yes	Yes	Y	Y	Y	Y	Y	Y	3	0	0
Washington	DCA	70	75	0	0	Yes	Yes	Y	Y	Y	Y	Y	No	2	0	0
Oregon	DCA	99	99	0	0	No	No	Yes	Yes	N	N	N	N	1	0	0
California	IPIB & DCA	35	95	35	0	Yes	Yes	Yes	Yes	Y	Y	Y	No	2	0	0
Hawaii	DCA	No Program			Yes	Yes	Y	Y	Y	Y	Y	Y	No	1	0	0
Puerto Rico	DCA	No Program			Yes	Yes	Y	Y	Y	Y	Y	Y	No	1	0	0

Key

- 1 - DCA - Disease Control Agency, LSSB
IPIB - Independent Poultry Imp. Board
State Poultry Ass'n
DA - Dept. of Agriculture other than DCA
U - University
* - No turkey hatcheries
2 - Percentage of Hatcheries under National Plans
3 - Percentage of Hatcheries under State Plan
Considered equivalent to National Plans
4 - Pullorum disease and Fowl Typhoid
Reportable diseases - Yes = Y No = N
5 - All outbreaks are investigated regardless of source.

- 6 - Infected flocks placed under surveillance or tested until clean test.
7 - Importation regulations requiring hatching eggs and chicks and poults originate from USPT clean or equivalent source.
8 - Chickens, turkeys exhibited at public exhibition required to come from USPT clean source or equivalent source or individual birds required to have negative test.
9 - USLSA Five Phase Suggested Eradication Program.
10 - Outbreaks Pullorum disease and Fowl Typhoid
C = Chickens T = Turkeys

NC - Not Given.