

Ecological Effects Studies

Guideline: 71-1 Avian Single Dose Oral Toxicity

MRID: 3999

Schafer, E.W.; Lockyer, N. (19??) The Effects of DRC-1327 Baits on Mourning Doves. (Unpublished study received Dec 18, 1970 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122744-E)

MRID: 4101

Besser, J.F. (1968) Compilation of Information on the Chronic Toxicity of 4-Aminopyridine to Pheasant, Quail and Starlings. (Unpublished study received Mar 2, 1973 under 11649-12; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:120117-A)

Guideline: 71-2 Avian Dietary Toxicity

MRID: 3998

Schafer, E.W., Jr.; Brunton, R.B.; Lockyer, N. (1970) The Chronic Toxicity of DRC-1327 to Mourning Doves: Preliminary Report No. 16--W. J. DF-102.2. (Unpublished study received Dec 18, 1970 under 224-EX-3; prepared by U.S. Fish and Wildlife Ser- vice, Denver Wildlife Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122744-D)

MRID: 147985

Fink, R.; Reno, F. (1976) Eight-day Dietary LC50 - Mallard Duck 4-Aminopyridine: Final Report: Project No. 684-105. Unpublished study prepared by Hazleton Laboratories America, Inc. 10 p.

MRID: 5003186

Schafer, E.W.; Brunton, R.B.; Lockyer, N.F. (1975) The effects of subacute and chronic exposure to 4-aminopyridine on reproduction in coturnix quail. Bulletin of Environmental Contamination and Toxicology 13(6):758-764.

Guideline: 71-5 Simulated or Actual Field Testing

MRID: 86682

Knittle, C.E.; Besser, J.F.; Guarino, J.L.; et al. (1981) Further Evaluations of 1:29 Avitrol Treatments To Protect Ripening Sun- flower from Blackbird Damage in North Dakota: Bird Damage Research Report No. 202. (U.S. Fish and Wildlife Service, Denver Wildlife Research Center; unpublished study; CDL: 246228-A)

Guideline: 72-4 Fish Early Life Stage/Aquatic Invertebrate Life

Cycle Study

MRID: 3985

U.S. Fish and Wildlife Service, Denver Research Laboratory (19??) Toxicity of Avitrol to Bluegill and Channel Catfish at Selected Water Qualities and Temperatures: Table. (Unpublished study received May 18, 1971 under 224-EX-3; prepared in cooperation with La Crosse Fish Control Laboratory, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122743-F)

MRID: 4083

Schafer, E.W., Jr.; Marking, L.L. (1974?) Long Term Effects of 4-Aminopyridine Exposure to Birds and Fish. (Unpublished study received Nov 11, 1975 under 11649-15; prepared by U.S. Fish and Wildlife Service, Wildlife Research Center in cooperation with Fish Control Laboratories, submitted by Avitrol Corp., Tulsa, Okla.; CDL:225255-C)

MRID: 4111

Palazzolo, R.J. (1963) Report to Phillips Petroleum Company: Toxicity to Salt Water Life of Compound 1861 Hydrochloride. (Unpub-lished study received Jan 2, 1968 under 224-12; prepared by In-dustrial Bio-Test Laboratories, Inc., submitted by Phillips Pe-troleum Co., Bartlesville, Okla.; CDL:229844-F)

Guideline: 81-1 Acute oral toxicity in rats

MRID: 4024

Ives, M. (1962) Report to Phillips Petroleum Company: Toxicity Studies on Compound 1861 Hydrochloride. (Unpublished study received Dec 30, 1968 under 1F1013; prepared by Industrial Bio- Test Laboratories, Inc., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091756-B)

MRID: 4025

Ives, M. (1962) Report to Phillips Petroleum Company: Acute Oral Toxicity Studies on Compound 1861 Admixed on Grain. (Unpub-lished study received Dec 30, 1968 under 1F1013; prepared by Industrial Bio-Test Laboratories, Inc., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091756-C)

MRID: 4028

Lifestream Laboratories, Incorporated (1968) Determination of the Maximum Tolerated Dose of Compound 1861--Mongrel Dogs. (Unpub-lished study received Dec 30, 1968 under 1F1013; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091756-I)

Palazzolo, R.J. (1962) Report to Phillips Petroleum Company: Special Acute Toxicity Study on Compound 1861 Hydrochloride. (Unpublished study received Dec 30, 1968 under 1F1013; prepared by Industrial Bio-Test Laboratories, Inc., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091756-D)

MRID: 21901

Ives, M. (1962) Report to Phillips Petroleum Company: Toxicity Studies on Compound 1861 Hydrochloride. (Unpublished study re-ceived Mar 18, 1975 under 11649-12; prepared by Industrial Bio-Test Laboratories, Inc., submitted by Avitrol Corp., Tulsa, Okla.; CDL:094800-U)

MRID: 21902

Ives, M. (1962) Report to Phillips Petroleum Company: Acute Oral Toxicity Studies on Compound 1861 Admixed on Grain. (Unpub-lished study received Mar 18, 1975 under 11649-12; prepared by Industrial Bio-Test Laboratories, Inc., submitted by Avitrol Corp., Tulsa, Okla.; CDL:094800-Z)

Guideline: 81-2 Acute dermal toxicity in rabbits or rats

MRID: 4024

Ives, M. (1962) Report to Phillips Petroleum Company: Toxicity Studies on Compound 1861 Hydrochloride. (Unpublished study received Dec 30, 1968 under 1F1013; prepared by Industrial Bio- Test Laboratories, Inc., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091756-B)

Guideline: 82-1 Subchronic Oral Toxicity: 90-Day Study

MRID: 4026

Kohn, F.E.; Cervenka, H.; Kay, D.L.; Vega, S.M. (1968) 90-Day Subacute Oral Toxicity of Compound 1861 (4-Aminopyridine): Albino Rats: Project Number 888. (Unpublished study received Dec 30, 1968 under 1F1013; prepared by Lifestream Laboratories, Inc., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL: 091756-F)

MRID: 4027

Cervenka, H.; Vega, S.M. (1968) Ninety-Day Subacute Oral Toxicity of Compound 1861 (4-Aminopyridine)--Beagle Dogs: Project Number 777. (Unpublished study received Dec 30, 1968 under 1F1013; prepared by Lifestream Laboratories, Inc., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091756-G)

MRID: 21904

Cervenka, H.; Vega, S.M. (1968) Ninety-Day Subacute Oral Toxicity Study of Compound 1861 (4-Aminopyridine)--Beagle Dogs: Project No. 777.

(Unpublished study received Mar 18, 1975 under 11649- 12; prepared by Lifestream Laboratories, Inc., submitted by Avitrol Corp., Tulsa, Okla.; CDL:094800-AD)

MRID: 21907

Kohn, F.E.; Cervenka, H.; Kay, D.L.; Vega, S.M. (1968) Report to Phillips Petroleum Company: 90-Day Subacute Oral Toxicity of Compound 1861 (4-Aminopyridine): Albino Rats: Project No. 888. (Unpublished study received Jan 5, 1973 under 11649-12; prepared by Lifestream Laboratories, Inc., submitted by Avitrol Corp., Tulsa, Okla.; CDL:004572-B)

MRID: 131328

Kohn, F.; Cervenka, H.; Kay, D.; et al. (1968) Report to Phillips Petroleum Company: 90-Day Subacute Oral Toxicity of Compound 1861 (4-aminopyridine)--Albino Rats: Lifestream Laboratories Project No. 888. (Unpublished study received Apr 13, 1973 under 3G1384; prepared by Lifestream Laboratories, Inc., submitted by Avitrol Corp., Tulsa, OK; CDL:071822-G)

MRID: 131329

Cervenka, H.; Vega, S. (1968) Report to Phillips Petroleum Company: Ninety-day Subacute Oral Toxicity Study of Compound 1861 (4-aminopyridine)--Beagle Dogs: Lifestream Laboratories Project No. 777. (Unpublished study received Apr 13, 1973 under 3G1384; prepared by Lifestream Laboratories, Inc., submitted by Avitrol Corp., Tulsa, OK; CDL:071822-H)

Guideline: 121-1 Phytotoxicity

MRID: 4001

Starr, R.I.; Cunningham, D.J. (1970) Translocation and Degradation of 4-Aminopyridine in Corn Plants--Its Movement and Degradation in Soil Systems: ?Third Periodic Report, Avitrol Concentrate . (Unpublished study received Apr 24, 1970 under 224-EX-3; pre- pared by U.S. Fish and Wildlife Service, Denver Wildlife Re- search Center, submitted by Phillips Petroleum Co., Bartles- ville, Okla.; CDL:122744-H)

MRID: 4037

Starr, R.I.; Cunningham, D.J. (19??) Phytotoxicity. (Unpublished study received Jan 3, 1973 under 1F1013; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091757-R)

MRID: 4124

Starr, R.; Cunningham, D.; Brunton, R. (1966?) Absorption and Translocation of 4-Aminopyridine by Corn Plants. (Unpublished study received Apr 15, 1969 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122745-H)

Starr, R.I.; Cunningham, D.J. (1972) Fate of 4-Aminopyridine in Corn, Sorghum, and Soil Systems: A Summary of Research Findings. (Unpublished study received Apr 16, 1973 under 3G1320; prepared by U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, submitted by Avitrol Corp., Tulsa, Okla.; CDL:093548- A)

MRID: 4147

Matlock, R.S.; Oswalt, R.M. (1963?) Report of Sunflower Research in Oklahoma. (Unpublished study received Jun 16, 1972 under un-known admin. no.; prepared by Oklahoma State Univ., Dept. of A-gronomy, submitted by Avitrol Corp., Tulsa, Okla.; CDL:210151-I)

MRID: 109573

Avitrol Corp. (1973) ?Efficacy of 4-Aminopyridine Baits and Other Products Used To Control Blackbird Damage to Sunflowers |. (Compilation; unpublished study received Oct 17, 1973; Mar 5, 1973 under 11649-EX-2; CDL: 248060-A)

MRID: 109577

Avitrol Corp. (1974) ?Efficacy Testing of Avitrol--Sunflowers|. (Compilation of reports by various government agencies; unpub- lished study; CDL:248063-A)

MRID: 109579

Starr, R.; Cunningham, D. (19??) Fate of 4-Aminopyridine in Corn, Sorghum, and Soil Systems. A Summary of Research Findings. (Unpublished study received Nov 27, 1972 under 11649-EX-5; sub-mitted by Avitrol Corp., Tulsa, OK; CDL: 248064-B)

MRID: 131325

Starr, R. (1972) The absorption, translocation, and metabolism of 14C-4-aminopyridine in corn and sorghum: Its movement and de- gradation in soil systems. Dissertation Abstracts International (XXIII)6. (Also In unpublished submission received Feb 11, 1974 under 3G1384; submitted by Avitrol Corp., Tulsa, OK; CDL: 071822-A)

MRID: 5003440

Starr, R.I.; Cunningham, D.J. (1974) Phytotoxicity, absorption, and translocation of 4-aminopyridine in corn and sorghum growing in treated nutrient cultures and soils. Journal of Agricultural and Food Chemistry 22(3):409-413.

Non-Guideline Study

MRID: 3963

Citation: Avitrol Corporation (1975) Avitrol FC Corn Chops--99 Baits for Protecting Sweet Corn from Blackbirds in Ulster County, New York. (Unpublished study including letter dated Sep 12, 1975 from J.E. Forbes to Kelly Swindle, received Feb 18, 1976 under 11649-12; prepared in cooperation with U.S. Fish and Wildlife Service; CDL:224248-A)

Citation: Avitrol Corporation (19??) Introduction and Summary: ?50 Documented Reports on Bird Species and Baits | . (Unpublished study received Apr 10, 1975 under 11649-10; CDL:115276-A)

MRTD: 3965

Citation: Schafer, E.W., Jr.; Brunton, R.B.; Lockyer, N.F. (1974) Hazards to animals feeding on blackbirds killed with 4-Aminopyridine baits. Journal of Wildlife Management 38(3):424-426. (Also in unpublished submission received Apr 10, 1975 under 11649-10; submitted by Avitrol Corp., Tulsa, Okla.; CDL:115276-B)

MRID: 3966

Citation: Avitrol Corporation (1974) Avitrol: Summary Test Results-Gulls. Summary of studies 115276-D and 115276-F. (Unpublished study received Apr 10, 1975 under 11649-10; CDL:115276-C)

MRID: 3967

Citation: Hext, D.D. (1965) Experimental Gull Control Utilizing Avitrol 200 at Oakland International Airport. (Unpublished study received Apr 10, 1975 under 11649-10; submitted by Avitrol Corp., Tulsa, Okla.; CDL:115276-D)

MRID: 3968

Citation: Ware, J.E. (1971) Report on Avitrol Gull Repellency Test: Salem, Massachusetts, 1971. (Unpublished study received Apr 10, 1975 under 11649-10; prepared by U.S. Bureau of Sport Fisheries and Wildlife, Div. of Wildlife Services, submitted by Avitrol Corp., Tulsa, Okla.; CDL:115276-E)

MRID: 3969

Citation: Avitrol Corporation (1974) Avitrol: Summary Test Results-Star-lings, Blackbirds in Feedlots. (Unpublished study received Apr 10, 1975 under 11649-11; CDL:115277-C)

MRID: 3970

Citation: Avitrol Corporation (1974) Avitrol: Summary Test Results--Sparrows. (Unpublished study received Apr 10, 1975 under 11649-6; CDL: 119808-C)

MRID: 3971

Citation: Newson, J.D.; Wilson, R.C.; Murray, M. (1973) An Assessment of Crow Control Techniques in Pecan Orchards in Louisiana: Project Number: LW-56-WU. (Unpublished study received Jul 26, 1973 under 11649-8; prepared by Louisiana State Univ., submitted by Avitrol Corp., Tulsa, Okla.; CDL:227059-A)

MRID: 3972

Citation: Dolbeer, R.A.; Ingram, C.R.; Seubert, J.L.; Stickley, A.R., Jr.; Mitchell, R.T. (1976) 4-Aminopyridine effectiveness in sweet corn related to blackbird population density. Journal of Wildlife Management 40(3):564-570. (Also in unpublished submission received Jun 21, 1977 under 11649-12; submitted by Avitrol Corp., Tulsa, Okla.; CDL:230665-A)

Citation: De Grazio, J.W.; Besser, J.F.; DeCino, T.J.; Guarino, J.L.; Schafer, E.W., Jr. (1972) Protecting ripening corn from black-birds by broadcasting 4-Aminopyridine baits. Journal of Wild-life Management 38(4):1316-1320. (Also~In~unpublished submis- sion received Jun 21, 1977 under 11649-12; submitted by Avitrol Corp., Tulsa, Okla.; CDL:230665-B)

MRID: 3974

Citation: Stickley, A.R., Jr.; Mitchell, R.T.; Heath, R.G.; Ingram, C.R.; Bradley, E.L., Jr. (1972) A method for appraising the bird repellency of 4-Aminopyridine. Journal of Wildlife Management 36(4):1313-1316. (Also~In~unpublished submission received Jun 21, 1977 under 11649-12; submitted by Avitrol Corp., Tulsa, Okla.; CDL:230665-C)

MRID: 3976

Citation: Avitrol Corporation (1965) The Control of Gulls with Avitrol 200 on and Near the Metropolitan Oakland International Airport. (Unpublished study received Apr 10, 1975 under 11649-10; CDL: 115276-F)

MRID: 3977

Citation: Avitrol Corporation (1974) Avitrol: Summary Test Results--Pigeons. (Unpublished study received Apr 10, 1975 under 11649-6; CDL: 119808-E)

MRID: 3979

Citation: Lee, J.O. (1963) Starling Control: Bait Acceptance Tests, Winter 1962-63. (Unpublished study received on unknown date under 224-EX-1; prepared by U.S. Fish and Wildlife Service, Branch of Predator and Rodent Control, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122741-B)

MRID: 3980

Citation: Held, L.J. (1963) A Report of the Animal Control Program, Fiscal Year 1963. (Unpublished study received Aug 13, 1963 under 224-EX-1; prepared by U.S. Fish and Wildlife Service, Branch of Predator and Rodent Control in cooperation with the Illinois Pork Council, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122741-C)

MRID: 3981

Citation: De Grazio, J.W.; Stone, C.P. (1972) Project DF-102: Bird Damage Control Research: Second Periodic Report--Avitrol. (Unpublished study received Mar 27, 1972 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center in cooperation with Sand Lake National Wildlife Refuge, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122743-B)

MRID: 3984

Citation: Walls, D.T. (1971) Field Demonstration of Avitrol 200 for Repelling Blackbirds in Minnesota Field Corn: Third Periodic Report-Avitrol Concentrate. (Unpublished study received May 18, 1971 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Den- ver Wildlife Research Center in cooperation with Minnesota, Dept. of Agriculture and Agricultural Extension Service, sub- mitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL: 122743-E)

Citation: Coon, R.A. (1971) Avitrol Program: Ohio-Michigan, 1970. (Unpub-lished study received Apr 19, 1971 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Div. of Wildlife Services, Ohio Office, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122743-G)

MRID: 3987

Citation: Hanson, R.V. (1970) Field Test Project on 4-Amino-pyridine (DRC- 1327, Avitrol 200). (Unpublished study received Apr 19, 1971 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Div. of Wildlife Services, North Dakota Office, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122743-H)

MRID: 3988

Citation: Hanson, R.V. (1971) North Dakota Field Tests: First Periodic Report --Avitrol Concentrate. (Unpublished study received Nov 19, 1971 under 224-EX-3; prepared by U.S. Fish and Wildlife Ser- vice, Div. of Wildlife Services, North Dakota Office, Submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122748-A)

MRID: 3989

Citation: De Grazio, J.W.; Stone, C.P. (1971) South Dakota Field Tests: Avitrol FC Corn Chips. (Unpublished study received Nov 19, 1971 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122748-B)

MRID: 3991

Citation: Phillips Petroleum Company (19??) Toxicity Data Summary: 4-Amino-pyridine (Compound 1861; DRC-1327): (Active Component--Avitrol 200 Bird Management). (Unpublished study received Apr 22, 1969 under 224-EX-3; CDL:122747-C)

MRID: 3992

Citation: Phillips Petroleum Company (1969) Effectiveness Data: 4-Aminopyri- dine (Avitrol 200). (Unpublished study received Apr 22, 1969 under 224-EX-3; CDL:122747-F)

MRID: 3994

Citation: U.S. Fish and Wildlife Service. (1968) ?Avitrol 200 |. (Unpublished study received Apr 22, 1969 under 224-EX-3; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122747-K)

MRID: 3995

Citation: De Grazio, J.W.; Besser, J.F.; Cunningham, D.J. (1969)
Project DF- 102: Bird Damage Control Research. (Unpublished study received Dec 18, 1970 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, Section of Birds in cooperation with Sand Lake National Wildlife Refuge, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122744-A)

MRID: 3996

Citation: Besser, J.F.; Mott, D.F. (1970) Field Work with 4-Aminopyridine in Idaho Cornfields. (Unpublished study received Dec 18, 1970 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Phillips Petro-leum Co., Bartlesville, Okla.; CDL:122744-B)

Citation: Schafer, E.W., Jr. (1970) A Summary of the Acute Toxicity, Chronic Toxicity, and Secondary Hazards of 4-Aminopyridine (DRC-1327) to Birds and Mammals. Summary of studies 122744-D and 122744-E. (Unpublished study received Dec 18, 1970 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122744-C)

MRID: 4000

Citation: Nelson, J.W. (19??) Field Tests of Avitrol in Virginia. (Unpub-lished study received Dec 18, 1970 under 224-EX-3; prepared by Virginia Dept. of Agriculture, State Bird Control, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122744-G)

MRID: 4002

Citation: De Grazio, J.W.; Besser, J.F.; West, R.R. (1969) Annual Progress Report: Denver Wildlife Research Center, Calendar Year 1969: DF-102.3-9. (Unpublished study received Jan 20, 1970 under 224- EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wild- life Research Center, Section of Birds in cooperation with Sand Lake National Wildlife Refuge, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122744-I)

MRID: 4003

Citation: Seubert, J.L.; Mitchell, R.T.; Stickley, A.R., Jr.; Francis, W.J.; Dyer, M.I.; Meanley, B.; Hardy, J.W. (1969) Project: P-F-33: Studies on Methods of Reducing Blackbird and Starling Popula- tions. (Unpublished study received Jan 20, 1970 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Patuxent Wildlife Research Center, submitted by Phillips Petroleum Co., Bartles- ville, Okla.; CDL:122744-J)

MRID: 4006

Citation: Schafer, E.W., Jr.; Brunton, R.B. (1970) Secondary Hazard Studies with 4-Aminopyridine-Killed Blackbirds on Avian and Mammalian Predators. (Unpublished study received Jan 20, 1970 under 224- EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122744-M)

MRID: 4008

Citation: Phillips Petroleum Company (1969) Field Tests, Avitrol FC Corn Chops: First Periodic Report, Avitrol Concentrate. (Unpublished study received Oct 20, 1969 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center; CDL: 122744-0)

MRID: 4013

Citation: Reinert, A.J.; Cantrel, K.E. (1965) Crow Control Tests with Avitrol 200 at Leonard Bend, Texas. (Unpublished study received on Jul 17, 1970 under 224-EX-2; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122742-B)

MRID: 4014

Citation: Reinert, A.J. (1965) Crow Control Tests with Avitrol 200 at Fulton, Arkansas. (Unpublished study received Jul 17, 1970 under 224-EX-2; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122742-D)

Citation: Phillips Petroleum Company (1969) Toxicity Data: ?4-Aminopyridine . (Unpublished study received Jul 17, 1970 under 224-EX-3; CDL: 122743-I)

MRID: 4031

Citation: Besser, J.F. (1970) A Discussion of the Problem of Blackbird Damage to Field Corn. (Unpublished study received Jan 3, 1973 under 1F1013; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091757-E)

MRID: 4032

Citation: Phillips Petroleum Company (19??) Laboratory Evaluation of 4-Amino- pyridine Toxicity and Bait Formulations. (Unpublished study received Jan 3, 1973 under 1F1013; prepared in cooperation with U.S. Fish and Wildlife Service, Denver Wildlife Research Center; CDL:091757-F)

MRID: 4033

Citation: Hanson, R.V. (1969) Field Test Project on 4-Aminopyridine (DRC 1327). (Unpublished study received Jan 3, 1973 under 1F1013; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center in cooperation with North Dakota Game and Fish Dept., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091757-J)

MRID: 4034

Citation: Hanson, R.V.; Pfeifer, W.K. (1968) Field Test Project on 4-Amino-pyridine (DRC 1327): North Dakota, 1968. (Unpublished study received Jan 3, 1973 under 1F1013; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center in coopera-tion with North Dakota Game and Fish Dept., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091757-K)

MRID: 4035

Citation: Smith, R.N. (1968) Summary: Field Evaluation of Avitrol 200 Used to Protect Large Areas of Field Corn from Blackbird Depredation in Ohio and Michigan, 1968. (Unpublished study received Jan 3, 1973 under 1F1013; prepared by U.S. Bureau of Sport Fisheries and Wildlife, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091757-M)

MRID: 4036

Citation: Winters, R.O. (1969) Field Evaluation of Avitrol 200 Used to Pro- tect Large Areas of Field Corn from Blackbird Depredations in Ohio, Michigan, and Indiana during Summer 1969. (Unpublished study received Jan 3, 1973 under 1F1013; prepared by U.S. Fish and Wildlife Service, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091757-0)

MRID: 4041

Citation: Trott, R.L. (1974) Introduction and Summary: ?Avitrol|. Summary of studies 094836-B through 094836-X. (Unpublished study received Apr 30, 1974 under 4F1498; submitted by Avitrol Corp., Tulsa, Okla.; CDL:094836-A)

Citation: Besser, J.F. (1973) 4-Aminopyridine Baits for Protecting Sunflowers from Blackbirds in Tennessee: (Report of Study No. 47, Work Unit DF-102.3). (Unpublished study received Apr 30, 1974 under 4F1498; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094836-L)

MRTD: 4043

Citation: Guarino, J.L. (1974) 4-Aminopyridine for Protecting Sunflowers from Blackbirds in Steele County, North Dakota: (Report of study No. 45, Work Unit DF-102.3). (Unpublished study including undated letter from J.L. Guarino and C.P. Stone to Landowner, received Apr 30, 1974 under 4F1498; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research-Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094836-M)

MRID: 4044

Citation: Hanson, R.N. (1969) Field Test Project on 4-Amino-pyridine (ORC 1327, Avitrol 200). (Unpublished study received Apr 30, 1974 under 4F1498; prepared by U.S. Fish and Wildlife Service, Div. of Wildlife Services, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094836-N)

MRID: 4045

Citation: Hanson, R.V. (1970) Supplemental Test. (Unpublished study received Apr 30, 1974 under 4F1498; prepared by U.S. Fish and Wildlife Services, Div. of Wildlife Services, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094836-P)

MRID: 4046

Citation: U.S. Fish and Wildlife Service, Division of Wildlife Services (1971) Field Test Project on 4-Amino-pyridine (DRC-1327, Avitrol 200). (Unpublished study received Apr 30, 1974 under 4F1498; submitted by Avitrol Corp., Tulsa, Okla.; CDL:094836-R)

MRID: 4047

Citation: U.S. Fish and Wildlife Service, Division of Wildlife Services (1972) Field Test Project on 4-Amino-pyridine (DRC-1327, Avitrol 200). (Unpublished study received Apr 30, 1974 under 4F1498; submitted by Avitrol Corp., Tulsa, Okla.; CDL:094836-S)

MRID: 4051

Citation: Newsom, J.D.; Wilson, R.C. (1973) An Assessment of Crow Control Techniques in Pecan Orchards in Louisiana: Project Number LW-56-WU. (Unpublished study including project no. LW-57-WU, received May 3, 1973 under 11649-8; prepared by Louisiana State Univ. and Agricultural and Mechanical College in cooperation with U.S. Fish and Wildlife Service, submitted by Avitrol Corp., Tulsa, Okla.; CDL:220289-A)

MRID: 4052

Citation: Avitrol Corporation (1973) Avitrol Survey: Bird Damage in Pecans. (Unpublished study received May 3, 1973 under 11649-8; CDL: 220289-B)

MRID: 4053

Citation: Reinert, A.J. (19??) Field Tests on Starlings with 1861 at Beards-town, Illinois. (Unpublished study received Oct 17, 1973 under

11649-1; prepared by Phillips Petroleum Co., submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-A)

MRID: 4054

Citation: Avitrol Corporation (19??) Pigeon Control with 1861 on a Dewey, Oklahoma, School Building. (Unpublished study received Oct 17, 1973 under 11649-1; CDL:011002-B)

MRID: 4055

Citation: Avitrol Corporation (1961) Control of Feral Pigeons with Chemical 1861: Weber Farm, Dewey, Oklahoma, 1961. (Unpublished study received Oct 17, 1973 under 11649-1; CDL:011002-C)

MRID: 4056

Citation: Marquardt, R.E. (19??) Control of Sparrows and Blackbirds at the Jenkins Rice Mill, Anahuac, Texas. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Phillips Petroleum Co., submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-D)

MRID: 4057

Citation: Marquardt, R.E. (1962) Use of 1861 for Bird Control at Pantex Stor- age, Amarillo, Texas. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Phillips Petroleum Co., submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-E)

MRID: 4058

Citation: Stansbury, R.E. (1962) Test with 1861 on Pigeons at the University of Arkansas. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Phillips Petroleum Co., submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-G)

MRID: 4059

Citation: Reinert, A.J. (1963) Field Tests on Starlings with 1861 near Columbus, Ohio. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Phillips Petroleum Co. in cooperation with U.S. Fish and Wildlife Service, submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-H)

MRID: 4060

Citation: Marquardt, R.E. (1962) Use of Chemical 1861 for Control of Black-birds in Ricefields in Chambers County, Texas. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Phillips Petroleum Co., submitted by Avitrol Corp., Tulsa, Okla.; CDL: 011002-I)

MRID: 4061

Citation: Stansbury, R.E. (1962) Use of Chemical 1861 Hydrochloride to Control Crows Menacing Air Traffic at Standiford Field Airport, Louisville, Kentucky. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Phillips Petroleum Co. in cooperation with Louisville and Jefferson County Air Board, submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-J)

MRID: 4062

Citation: Marquardt, R.E.; Cantrel, K.E. (1963) Herring Gull Tests in New Hampshire, 1962-1963. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Phillips Petroleum Co., submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-K)

Citation: Avitrol Corporation (1963) Gull Tests in Florida, 1963. (Unpub- lished study received Oct 17, 1973 under 11649-1; CDL:011002-L)

MRID: 4064

Citation: Marquardt, R.E.; Cantrel, K.E. (1963) Bird Control Tests with Chem- ical 1861 at the Martin Farm, Independence, Kansas, 1962-1963. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Phillips Petroleum Co., submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-M)

MRID: 4065

Citation: Stansbury, R.E. (1963) Demonstration of 1861 on Gulls at Common- wealth Pier in Boston, Massachusetts. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Phillips Petro-leum Co., submitted by Avitrol Corp., Tulsa, Okla.; CDL: 011002-N)

MRID: 4067

Citation: Baumgartner, F.M. (1962) Report on House Sparrow Management at Southern Great Plains Field Station, Woodward, Oklahoma, August 16-17, 1962. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Oklahoma State Univ., Research Foundation, submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-T)

MRID: 4068

Citation: Baumgartner, F.M. (1962) Bird Management Project Progress Report for September, 1962. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Oklahoma State Univ., Research Foun-dation, submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-U)

MRID: 4069

Citation: Baumgartner, F.M. (1962) Report to Phillips Petroleum Company: Bird Management Tests, January--February, 1962. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Oklahoma State Univ., Research Foundation, submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-V)

MRID: 4070

Citation: Baumgardner, R.K. (1962) Chemical Control of House Sparrows in Sunflower Fields. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Oklahoma State Univ., Research Foun-dation, Bird Management Project, submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-W)

MRID: 4071

Citation: North, C.A. (19??) Evaluation of Selected Chemicals as Bird Management Agents. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Oklahoma State Univ., submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-X)

MRID: 4072

Citation: Baumgartner, F.M. (1962) Annual Report to Phillips Petroleum Com- pany July, 1961-June, 1962: Bird Management Tests. (Unpublished study received Oct 17, 1973 under 11649-1; prepared by Oklahoma State Univ., Dept. of Zoology, submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-Y)

Citation: North, C.A. (1962) Summary of Field Studies, July, 1962--August, 1962 to Phillips Petroleum Company: Bird Management Tests. (Un- published study received Oct 17, 1973 under 11649-1; prepared by Oklahoma State Univ., submitted by Avitrol Corp., Tulsa, Okla.; CDL:011002-Z)

MRID: 4074

Citation: Avitrol Corporation (1972?) Reasonable Ground ?sic in Support of the Petition: ?4-Aminopyridine |. (Unpublished study received Apr 11, 1973 under 11649-EX-3; CDL:095015-D)

MRID: 4075

Citation: Winters, R.O. (1972) Report on Field Trial Use of Avitrol 200 to Protect Sweet Corn. (Unpublished study received Jun 8, 1972 under 11649-EX-1; prepared by U.S. Fish and Wildlife Service, Div. of Wildlife Services, submitted by Avitrol Corp., Tulsa, Okla.; CDL:223541-D)

MRID: 4076

Citation: Hickman, G.L. (1968) Blackbird--Corn Damage Briefing for SW Idaho and SE Oregon. (Unpublished study received Jun 8, 1972 under 11649-EX-1; prepared by U.S. Fish and Wildlife Service, Div. of Wildlife Services, submitted by Avitrol Corp., Tulsa, Okla.; CDL:223541-F)

MRID: 4077

Citation: Mott, D.F.; Besser, J.F. (1970?) Project DF-102: Bird Damage Control Research: DF-102.3-20. (Unpublished study received Jun 8, 1972 under 11649-EX-1; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:223541-G)

MRID: 4078

Citation: Guarino, J.L.; Stone, C.P.; Royall, W.C.; Bray, O.E. (1973) DF- 102.3-45--4-Aminopyridine for Protecting Sunflowers from Black-birds in Steele Co., North Dakota. (Unpublished study received Nov 11, 1975 under 11649-15; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:223451-B)

MRID: 4079

Citation: Besser, J.F.; Cummings, J.L. (1975) Avitrol FC Corn Chops-99 Baits for Protecting Sunflowers from Blackbirds in North Dakota, Minnesota, and South Dakota: (Report of Study No. 59, Work Unit DF-102.3). (Unpublished study received Nov 11, 1975 under 11649-15; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:223451-I)

MRID: 4082

Citation: Besser, J.F. (1975) Relationship of Bird Pressure to the Effective- ness of Avitrol^(R)I FC Corn Chops-99 for Protecting Cropfields from Blackbirds. Summary of studies 223451-B, 223451-I, 223451-J, 223451-K, 225255-A, 225255-J through 225255-L. (Unpublished study received Nov 11, 1975 under 11649-15; prepared by U.S. Fish and

Wildlife Service, Denver Wildlife Research Center, sub- mitted by Avitrol Corp., Tulsa, Okla.; CDL:225255-B)

MRID: 4084

Citation: Dolbeer, R.A.; Stickley, A.R., Jr.; Ingram, C.R. (1974) Efficacy of 4-Aminopyridine in Protecting Sunflowers from Blackbirds in Ohio: Progress Report: January 1, 1973--December 31, 1973, Work Unit P-F-33.10. (Unpublished study received Jul 22, 1974 under 11649-15; prepared by U.S. Fish and Wildlife Service, Patuxent Wildlife Research Center, Section of Animal Depredations Control Studies, submitted by Avitrol Corp., Tulsa, Okla.; CDL:226529-A)

MRID: 4085

Citation: Besser, J.F.; Cummings, J.L. (1975) Avitrol FC Corn Chops-99 Baits for Protecting Sunflowers from Blackbirds in North Dakota, Minnesota, and South Dakota: (Report of Study No. 59, Work Unit DF-102.3). (Unpublished study including draft, received Apr 28, 1975 under 11649-15; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:225254-A)

MRID: 4086

Citation: Besser, J.F.; Cunningham, D.J. (1974) 1974 Test Results. (Un-published study received Apr 28, 1975 under 11649-15; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Cen-ter, submitted by Avitrol Corp., Tulsa, Okla.; CDL:225254-B)

MRID: 4087

Citation: Avitrol Corporation (1975) Crop Economics. (Unpublished study re- ceived Apr 28, 1975 under 11649-15; CDL:225254-D)

MRID: 4090

Citation: Avitrol Corporation (1974) Avitrol: Summary Test Results-Pigeons. (Unpublished study received Apr 10, 1975 under 11649-7; CDL: 119797-C)

MRID: 4091

Citation: Avitrol Corporation (1974) ?Avitrol on Sparrows and Pigeons . (Unpublished study received Apr 10, 1975 under 11649-7; CDL:119797-E)

MRID: 4092

Citation: Barber, E.H. (1974) Report of the Results Obtained in Pigeon Con- trol at the Port of New Orleans. (Unpublished study received Apr 10, 1975 under 11649-7; prepared by Barber Laboratories, submitted by Avitrol Corp., Tulsa, Okla.; CDL:119797-F)

MRID: 4093

Citation: Avitrol Corporation (1975) Avitrol Documentary Report--Structural. (Unpublished study received Apr 10, 1975 under 11649-7; CDL: 119798-A)

MRID: 4094

Citation: Avitrol Corporation (1974?) Introduction: ?4-Aminopyridine|. (Un- published study received Mar 18, 1975 under 11649-12; CDL: 094799-A)

Citation: Stickley, A.R., Jr.; Ingram, C.R. (1975) 1974 Test of 4-Aminopyridine (Avitrol) Efficacy in Preventing Bird Damage to Sweet Corn in New York: Progress Report: January 1, 1974-December 31, 1974: Work Unit P-F-33.12. (Unpublished study received Mar 18, 1975 under 11649-12; prepared by U.S. Fish and Wildlife Service, Patuxent Wildlife Research Center, Section of Animal Depradations Control Studies, Ohio Field Station, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094799-F)

MRID: 4098

Citation: Mitchell, R.T.; Linehan, J.T.; Ingram, C.R.; Meanley, B.; Martin, P.S. (1975) 1974 Test of 4-Aminopyridine (Avitrol) Efficacy in Preventing Bird Damage to Sweet Corn in Maryland: Progress Report: January 1-December 31, 1974: Work Unit P-F-II-33.13. (Unpublished study received Mar 18, 1975 under 11649-12; prepared by U.S. Fish and Wildlife Service, Patuxent Wildlife Research Center, Section of Animal Depradations Control Studies, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094799-G)

MRID: 4099

Citation: Dolbeer, R.A.; Ingram, C.R. (1975) 1974 Test of 4-Aminopyridine (Avitrol) Efficacy in Preventing Bird Damage to Sweet Corn in Ohio: Progress Report: January 1, 1974-December 31, 1974: Work Unit P-F-33.11. (Unpublished study received Mar 18, 1975 under 11649-12; prepared by U.S. Fish and Wildlife Service, Patuxent Wildlife Research Center, Section of Animal Depradations Control Studies, Ohio Field Station, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094799-H)

MRID: 4102

Citation: Mott, D.F.; Guarino, J.L. (1972) Investigation of Blackbirds and the Damage They Cause during the Peanut Damage Season in Southcentral Oklahoma, 1972: (Technical Report No. 6, Work Unit DF- 102.3). (Unpublished study received Feb 15, 1973 under 11649- 12; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL: 008284-A)

MRID: 4103

Citation: Mott, D.F.; Besser, J.F.; West, R.R.; De Grazio, J.W. (1972?) Bird Damage to Peanuts and Methods for Alleviating the Problem. By U.S. Fish and Wildlife Service, Denver Wildlife Research Center. Washington, D.C.: Dept. of the Interior. (Proceed- ings, 5th Vertebrate Pest Control Conference, Mar 7-9, 1972, Fresno, Calif.; also~In~unpublished submission received Feb 15, 1973 under 11649-12; submitted by Avitrol Corp., Tulsa, Okla.; CDL:008284-B)

MRID: 4104

Citation: West, R.R.; Besser, J.F.; De Grazio, J.F. (1969) Project DF-102: Bird Damage Control Research: DF-102.3-10. (Unpublished study received Feb 15, 1973 under 11649-12; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center in cooperation with Oklahoma Division of Wildlife Services and Tishomingo National Wildlife Refuge, submitted by Avitrol Corp., Tulsa, Okla.; CDL:008284-C)

MRID: 4105

Citation: Schafer, E.W. (1972?) Acute Toxicity of 4-Aminopyridine to 40 Ani- mal Species. (Unpublished study received Feb 15, 1973 under 11649-12; submitted by Avitrol Corp., Tulsa, Okla.; CDL: 008284-D)

Citation: Yates, J. (1967) Use of Avitrol Process for Pigeon Control. (Un-published study received Jan 2, 1968 under 224-12; prepared by Redd Pest Control Co., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:229844-B)

MRID: 4109

Citation: Parmenter, R.E. (1967) Final Report: Investigations of the Usability of Avitrol 200-D29 as a Pigeon Repellent. (Unpublished study including preliminary report, received Jan 2, 1968 under 224-12; prepared by Abalene Pest Control Service, Inc., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:229844-D)

MRID: 4113

Citation: Custom Chemical Specialties (1968) Avitrol Field Tests. (Unpub-lished study received 1968 under unknown admin. no.; prepared in cooperation with Brown & Bryant, Inc. and Soilserv, Inc., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL: 221959-C)

MRID: 4114

Citation: De Grazio, J.W.; Besser, J.F.; Guarino, J.L.; West, R.R. (1967) Annual Progress Report: Wildlife Research Work Unit: Denver Wildlife Research Center: Calendar Year 1967: Work Unit F-4.1: Control of Blackbird Damage to Corn in South Dakota. (Unpub- lished study received Apr 23, 1968 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Cen- ter, Section of Birds in cooperation with Sand Lake National Wildlife Refuge and South Dakota Dept. of Game, Fish and Parks, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL: 122746-A)

MRID: 4115

Citation: Hanson, R.V. (1968) Field Test Project on 4-Amino-pyridine (DRC 1327, Avitrol 200), Season 1967. (Unpublished study received Apr 23, 1968 under 224-EX-3; prepared by U.S. Fish and Wild-life Service, Div. of Wildlife Services in cooperation with Den-ver Wildlife Research Center and North Dakota Game and Fish Dept., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122746-B)

MRID: 4116

Citation: De Grazio, J.W.; Schafer, E.W., Jr.; Besser, J.F. (1967) Baiting Experiments. (Unpublished study received May 22, 1967 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122746-C)

MRID: 4117

Citation: Phillips Petroleum Company (19??) Results of a Laboratory Test to Determine the Rate of Degredation of 4-Aminopyridine in Soil: Good-67-66R. (Unpublished study received May 16, 1966 under 224-EX-3; CDL:122746-D)

MRID: 4120

Citation: Phillips Petroleum Company (1969) Field Test Project on 4-Amino-pyridine (DRC-1327). (Unpublished study received Apr 24, 1970 under 224-EX-3; prepared in cooperation with U.S. Fish and Wildlife

Service, Div. of Wildlife Services, Denver Wildlife Re- search Center and North Dakota Game and Fish Dept.; CDL: 122745-D)

MRID: 4122

Citation: Phillips Petroleum Company (1968) Ohio Field Evaluation of Avitrol 200 Used to Discourage Blackbird Depredation to Field Corn. (Unpublished study including summary report, received Apr 15, 1969 under 224-EX-3; CDL:122745-F)

MRID: 4123

Citation: Hanson, R.V.; Pfeifer, W.K. (1969) Field Test Project on 4-Amino-pyridine (DRC 1327, Avitrol 200). (Unpublished study received Apr 15, 1969 under 224-EX-3; prepared by U.S. Fish and Wild-life Service, Div. of Wildlife Services in cooperation with Den-ver Wildlife Research Center and North Dakota Game and Fish Dept., submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122745-G)

MRID: 4126

Citation: Starr, B. (19??) Thin-Layer Chromatography--Avitrol. (Unpublished study received Apr 15, 1969 under 224-EX-3; prepared by U.S. Fish and Wildlife Service, Denver Research Center, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122745-J)

MRID: 4127

Citation: Avitrol Corporation (1975) Avitrol: Summary Test Results-Star-lings, Blackbirds in Feedlots. (Unpublished study received Apr 10, 1975 under 11649-5; prepared in cooperation with Ag Pest Control, Inc., Loyal Pest Control and American Fertilizer, Inc.; CDL:119811-C)

MRID: 4128

Citation: De Grazio, J.W.; Besser, J.F.; Guarino, J.L.; West, R.R. (1969) Annual Progress Report: Denver Wildlife Research Center: Calendar Year 1968: Project DF-102: Bird Damage Control Research: Work Unit DF-102.3. (Unpublished study received Jan 9, 1969 un- der 224-EX-3; prepared by U.S. Fish and Wildlife Service, Den- ver Wildlife Research Center, Section of Birds in cooperation with Sand Lake National Wildlife Refuge and South Dakota Dept. of Game, Fish and Parks, submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122745-K)

MRID: 4130

Citation: Phillips Petroleum Company (1968) Periodic Report for Avitrol FC Corn Chops Concentrate. (Unpublished study received Sep 30, 1968 under 224-EX-3; CDL:122745-0)

MRID: 4131

Citation: Avitrol Corporation (19??) Toxicity Data Summary: 4-Aminopyridine (Compound 1861; DRC-1327). (Unpublished study received Sep 28, 1972 under 11649-EX-5; CDL:222250-D)

MRID: 4133

Citation: U.S. Fish and Wildlife Service, Division of Wildlife Services (1972) Field Test Project on 4-Amino-pyridine. (Unpublished study received Mar 5, 1973 under 3G1297; submitted by Avitrol Corp., Tulsa, Okla.; CDL:094671-K)

Citation: Larson, B. (1966) Starling Control Using Avitrol 200 Concentrate and Sugar Mixture. (Unpublished study received Aug 24, 1966 un- der 224-EX-4; prepared by Paramount Pest Control, Inc., submit- ted by Phillips Petroleum Co., Bartlesville, Okla.; CDL: 122749-A)

MRID: 4139

Citation: Hyatt, H.W. (1966) Starling Control Using Avitrol 200 Concentrate Sugar Mixture. (Unpublished study received Aug 24, 1966 under 224-EX-4; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122749-B)

MRID: 4140

Citation: Hyatt, H.W. (1965) Starling Control Using Avitrol 200 Concentrate Sugar Mixture. (Unpublished study received Aug 24, 1966 under 224-EX-4; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122749-C)

MRID: 4141

Citation: Paramount Pest Control Service (1965) Resume of Avitrol Bird Man- agement Process for Hales Brothers Building Service Performed City of Oakland, California. (Unpublished study including let- ter dated Sep 15, 1965 from E.W. Bushing to Phillips Petroleum Co. and letter dated Sep 20, 1965 from H.W. Hilts to Phillips Petroleum Co., received Jun 27, 1967 under 224-EX-6; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122751-A)

MRID: 4142

Citation: Scott, J.F.R., Jr. (1964) Report of Crow Infestation at Friendship International Airport, Baltimore, Maryland. (Unpublished study received on unknown date under unknown admin. no.; prepared by City of Baltimore, Dept. of Aviation, Friendship International Airport; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:122739-A)

MRID: 4143

Citation: Goodhue, L.D. (19??) 4-Aminopyridine (Avitrol^(R)I): Toxicology Report. (Unpublished study received Jun 16, 1972 under unknown admin. no.; submitted by Avitrol Corp., Tulsa, Okla.; CDL: 210151-B)

MRID: 4144

Citation: Hanson, R.V.; Pfeifer, W.K. (1969) Field Test Project on 4-Amino-pyridine (DRC 1327, Avitrol 200). (Unpublished study received Jun 16, 1972 under unknown admin. no.; prepared by U.S. Fish and Wildlife Service, Div. of Wildlife Services, submitted by Avitrol Corp., Tulsa, Okla.; CDL:210151-F)

MRID: 4145

Citation: Hanson, R.V. (1970) Field Test Project on 4-Amino-pyridine (DRC- 1327, Avitrol 200). (Unpublished study including supplement data, received Jun 16, 1972 under unknown admin. no.; prepared by U.S. Fish and Wildlife Service, Div. of Wildlife Services, submitted by Avitrol Corp., Tulsa, Okla.; CDL:210151-G)

MRID: 4146

Citation: Hanson, R. (1970) Field Test Project on 4-Amino-pyridine (DRC-1327, Avitrol 200). (Unpublished study received Jun 16, 1972

under unknown admin. no.; prepared by U.S. Fish and Wildlife Service, Div. of Wildlife Services, submitted by Avitrol Corp., Tulsa, Okla.; CDL:210151-H)

MRID: 4267

Citation: Avitrol Corporation (19??) Pesticidal Safety: (4-Aminopyridine). (Unpublished study received Feb 15, 1973 under 11649-12; CDL: 008284-E)

MRID: 4269

Citation: Goodhue, L.D. (19??) Toxicity Data Summary: 4-Aminopyridine (Com- pound 1061; DRC-1327) (Active Component--Avitrol 200 Bird Management). (Unpublished study received on unknown date under 3G1384; submitted by Avitrol Corp., Tulsa, Okla.; CDL:097036-B)

MRID: 14378

Citation: Phillips Petroleum Company (19??) Compound 1861 Hydrochloride. (Unpublished study received on unknown date under 1F1013; CDL: 098629-D)

MRID: 21884

Citation: Trott, R.L. (1974?) Introduction and Summary: ?Avitrol FC Corn Chops-99|. (Unpublished study received Mar 18, 1975 under 11649-12; submitted by Avitrol Corp., Tulsa, Okla.; CDL: 094800-A)

MRID: 21886

Citation: Avitrol Corporation (19??) Laboratory Evaluation of 4-Aminopyridine Toxicity and Bait Formulations. (Unpublished study received Mar 18, 1975 under 11649-12; CDL:094800-C)

MRID: 21887

Citation: Goodhue, L.D. (19??) 4-Aminopyridine (Avitrol^(R)I Toxicology Re- port. (Unpublished study received Mar 18, 1975 under 11649-12; submitted by Avitrol Corp., Tulsa, Okla.; CDL:094800-D)

MRID: 21888

Citation: Avitrol Corporation (19??) 4-Aminopyridine (Compound 1861; DRC- 1327). (Unpublished study received Mar 18, 1975 under 11649-12; CDL:094800-E)

MRID: 21889

Citation: Bray, O.E. (1973) Telemetry Study of Red-Winged Blackbirds Damaging Sunflowers in North Dakota, 1972. (Unpublished study received Mar 18, 1975 under 11649-12; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094800-F)

MRID: 21894

Citation: Besser, J.F. (1973) 4-Aminopyridine Baits for Protecting Sunflowers from Blackbirds in Tennessee. (Unpublished study received Mar 18, 1975 under 11649-12; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094800-K)

MRID: 21895

Citation: Guarino, J.L. (1974) 4-Aminopyridine for Protecting Sunflowers from Blackbirds in Steele County, North Dakota.

(Unpublished study received Mar 18, 1975 under 11649-12; prepared by U.S. Fish and Wildlife Service, Denver Wildlife Research Center, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094800-L)

MRID: 21896

Citation: Hanson, R.V.; Pfeifer, W.K. (1971) Field Test Project on 4-Amino-pyridine (DRC-1327, Avitrol 200). (Unpublished study received Mar 18, 1975 under 11649-12; prepared by U.S. Fish and Wildlife Service, Div. of Wildlife Services, submitted by Avitrol Corp., Tulsa, Okla.; CDL:094800-M)

MRID: 21898

Citation: Avitrol Corporation (1970?) Pesticidal Safety: (4-Aminopyridine). (Unpublished study received Mar 18, 1975 under 11649-12; CDL: 094800-Q)

MRID: 21899

Citation: Avitrol Corporation (19??) Toxicology: Mathematical Approach: Con- sumer Safety from Pesticidal Residues. (Unpublished study re- ceived Mar 18, 1975 under 11649-12; CDL:094800-R)

MRID: 22550

Citation: U.S. Environmental Protection Agency (1979) Summary or ?sic | Re- ported Pesticide Incidents Involving Aminopyridine: Pesticide Incident Monitoring System Report No. 137. (U.S. EPA, Office of Pesticide Programs, Benefits and Field Studies Div., Human Ef- fects Monitoring Branch; unpublished report.)

MRID: 22560

Citation: U.S. Fish and Wildlife Service, Division of Wildlife Services (1972) ?Avitrol 200: Toxicity to Birds |. (Unpublished report.)

MRID: 27851

Citation: Heinrichs, L.; Maher, J. (1976) Determination of Prometon and Sima- zine in Pramis^(TM)I80WDG Formulation by Gas Chromatography. Method no. PA-91A-T dated Jan 20, 1976. (Unpublished study re- ceived Oct 10, 1978 under 100-602; submitted by Ciba-Geigy Corp., Greensboro, N.C.; CDL:235343-B)

MRID: 30610

Citation: De Grazio, J.W.; Besser, J.F.; Guarino, J.L.; et al. (1969) A meth- od for appraising blackbird damage to corn. Journal of Wildlife Management 33(4): 988-994. (Also~In~unpublished submission re- ceived Jan 3, 1973 under 1F1013; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091757-P)

MRID: 30611

Citation: De Grazio, J.W.; Besser, J.F.; Guarino, J.L. (1969) Winter distribution of blackbirds as related to corn damage control in Brown County, South Dakota. Pages 131-136, in Transactions of the Thirty-Fourth North American Wildlife and Natural Resources Conference; Mar 2-5, 1969. Washington, D.C.: Wildlife Management Institute. (Also in unpublished submission received Jan 3, 1973 under 1F1013; submitted by Phillips Petroleum Co., Bartlesville, Okla.; CDL:091757-Q)

Citation: Maryland Board of Natural Resources (1967) A Report on the Problem of Damage to Agricultural Crops by Wildlife in Maryland. (Unpublished study received Feb 20, 1974 under 11649-EX-3; submitted by Avitrol Corp., Tulsa, Okla,; CDL:095016-B)

MRID: 30614

Citation: Avitrol Corporation (19??) Crop Economics. (Unpublished study re- ceived Sep 28, 1972 under 11649-EX-5; CDL:222250-C)

MRID: 30617

Citation: Jensma, J.R. (1973) International conference reflects ascendancy of the sunflower. World Farming ? (?/Feb):16-17. (Also~In~un- published study received on unknown date under 3G1297; submitted by Avitrol Corp., Tulsa, Okla.; CDL:094671-H)

MRID: 30618

Citation: Kinnear, H. (1973) Keep an eye on the sunflower. American Farmer ? (?/Feb):4-5. (Also~In~unpublished submission received on unknown date under 3G1297; submitted by Avitrol Corp., Tulsa, Okla.; CDL:094671-J)

MRID: 33899

Citation: Hagen, D. (1968) Sunflowers: New threat to soybeans. Farm Journal, Western Edition 92(12):31,36. (Also~In~unpublished submission received Jul 20, 1972 under 3G1297; submitted by Avitrol Corp., Tulsa, Okla.; CDL:094671-F)

MRID: 50977

Citation: Swindle, K.F. (1973) Letter sent to James M. Rea dated Jul 24, 1973 ?Supporting use of Avitrol to control crows in pecan orchards |. (Unpublished study received Jul 26, 1973 under 11649-8; submit-ted by Avitrol Corp., Tulsa, Okla.; CDL:227059-B)

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Environmental Fate Studies

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