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| File # | PDF? | National Agricultural Library Special Collections (Alvin L. Young Collection) Folder Title | Gagetown? |
|--------|------|--|-----------|
| 1 | Y | The Effect of VKA and VKS on Natural Vegetation: Preliminary Trials: Bushnell Army Air Field, February-April 1945 | |
| 2 | Y | Observations on the Permanent Effects of Aerial Plant Growth Inhibitory Sprays Upon Natural Vegetation: Vigo Plant, Chemical Corps; Terre Haute, Indiana; August, 1946 | |
| 3 | Y | Final Progress Report of Research: A Report of the Testing of Several Esters of 2,4-D | |
| 4 | Y | Field Development of Chemical Anticrop Agents: Series 2: Response of Field Grown Crops to Chemical Anticrop Agents Released From an Experimental Spray Tower | |
| 5 | Y | Field Development of Chemical Anticrop Agents: Series 1: Preliminary Field Evaluation of Chemical Agents for Attacking Wheat | |
| 6 | Y | The Importance of Rice and the Possible Impact of Antirice Warfare (U) | |
| 7 | Y | Defoliation and Desiccation | |
| 8 | Y | Appendix to Technical Note 62-68 Chemicals for Control of Vegetation | |
| 9 | Y | Proceedings of the First Defoliation Conference, 29-30 July 1963 | |
| 10 | Y | Pesticides Applicable to Air Force Weaponization | |
| 11 | Y | Research on Herbicides Based on 2,4,5-T | |
| 12 | Y | Oconus Defoliation Test Program: Semiannual Report, 1 April to 30 September 1964 | |
| 14 | Y | Evaluation of the Sensitivity of Some Common Food Crops to the Herbicide 4-Amino-3,5,6-Trichloropicolinic Acid (Tordon): Final Report | |
| 15 | Y | OCONUS Defoliation Test Program: Semi-annual Report 2, 1 October 1964 to 31 March 1965 | |
| 17 | Y | Final Report on Aerosol Studies, Volume II, Part I, Particle Deposition, Covering Period 15 September 1964 - 31 October 1965 | |
| 18 | Y | Herbicidal Formulations of Enhanced Efficacy for Military Purposes, First Semiannual Report, 21 January 1965 to 31 July 1965 | |
| 21 | Y | Proceedings of the Third Defoliation Conference, 10-11 August 1965 | |
| 22 | Y | Technical Manual, Field Maintenance and Depot Overhaul with Illustrated Parts Breakdown, Internal Defoliant Dispenser, USAF Model A/A45Y-1 | |
| 23 | Y | Feasibility Test of the Stull Bifluid Defoliant System | |
| 24 | Y | Droplet Spread-Factor Calibration Study: Stull Bifluid Defoliant on Kromekote Cards (Final Report on USAF MIPR PG 6-57) | |
| 25 | Y | Herbicidal Formations of Enhanced Efficacy for Defoliation: Final Report | |
| 26 | Y | Technical Report on the Use of Herbicides on Non-Cropland | |
| 27 | Y | Formulation and Evaluation of Defoliants Containing DNBP: Final Report, May 1967 - November 1967 | |
| 28 | Y | Comparison of the Effectiveness of Herbicides | |
| 29 | Y | Defoliation Tests in 1966 at Base Gagetown, New Brunswick, Canada | |
| 30 | Y | Chemical Defoliation of Northern Tree Species | |
| 31 | Y | Comparison Test of Defoliants, Vol. I | |
| 32 | Y | Comparison Test of Defoliant Vol. II | |
| 33 | Y | The Effects of Cacodylic Acid on the Translocation of 2,4-D in Bean Plants | |
| 34 | Y | Problems Associated With the Use of Chemical Tracers | |
| 35 | Y | Research on a Herbicide Based on 2,4,5-T | |
| 37 | Y | Aerial Herbicide Applications Evaluated for Maximum Effect and Minimum Drift | |
| 38 | Y | Evaluation of Phenoxy Herbicide Exposure: Hazards to the Environment | |
| 40 | Y | Review of Toxicology, Persistence and Mobility of Phenoxy Herbicides With the Environment | |

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| 41 | Y | Evaluation of Selected Cacodylic Acid Formulations on Winter Wheat in 1969 |
| 43 | Y | Holographic Determination of the Droplet Size Distribution of a Simulated Defoliant Spray in a 400-Knot Airstream |
| 44 | Y | Ecological Impact of Antiplant Agents and Implications for Future Use (U) |
| 45 | Y | Quantitative Infrared Analysis of Herbicide Orange With Grating Spectrophotometer |
| 46 | Y | Gel Stabilized Defoliant: Final Report, December 1968 to December 1969 |
| 47 | Y | The Lateral and Vertical Movement of Four Herbicides Applied to a Grassland Soil |
| 48 | Y | Herbicide Chemicals and Their Effect on the Aquatic Environment |
| 49 | Y | Field Evaluation of Desiccants and Herbicide Mixtures as Rapid Defoliant |
| 51 | Y | The Effects of 2,4-D Formulations on Estuarine Organisms |
| 52 | Y | Droplet Size Characteristics in High-Velocity Airstreams |
| 56 | Y | Microbial Degradation of Military Standard Pesticide Formulations |
| 59 | Y | Toxic Properties of Phenoxy Herbicides |
| 60 | Y | Cacodylic Acid Investigations |
| 61 | Y | Modification and Calibration of Defoliation Equipment (C-123 First Modification) |
| 63 | Y | Proceedings of the Second Defoliation Conference, 5-6 August 1964 |
| 64 | Y | Defense Against Biological Weapons |
| 65 | Y | Minutes: A/A45Y-1 Internal Defoliant Dispenser System Support Conference, 25 and 26 August 1966 |
| 66 | Y | Chemical Defoliation of the Ho Chi Minh Trail |
| 68 | Y | Herbicide Spray Can (ENSURE 210): Final Report, October-December 1967 |
| 69 | Y | Preliminary Studies of the Effects of Cacodylic Acid on the Activity of 2,4-D and Picloram in Bean Plants |
| 70 | Y | Defoliation Tests in 1966 at Base Gagetown, New Brunswick, Canada |
| 71 | Y | Defoliation of Tropical Jungle Vegetation in Hawaii: Final Report |
| 72 | Y | Comparison Test of Defoliant, Vol. I |
| 73 | Y | Information Manual for Vegetation Control in Southeast Asia |
| 74 | Y | Calibration Test of the UC-123K/A/A/45Y-1 Spray System |
| 75 | Y | Methods for Predicting Contamination Density and Off-Target Drift of Defoliant Materials, Volume II: Programmer's Manual |
| 76 | Y | Evaluation of Selected Cacodylic Acid Formulations on Winter Wheat in 1969 |
| 77 | Y | Test of the KMU-327/A Wing and Tail Boom/UC-123K Defoliant System |
| 78 | Y | Ecological Records on Eglin AFB Reservation-Conclusion |
| 79 | Y | Studies on the Systemic Uptake of Toxic Phosphorus Esters by Plants- Phytotoxic Effects of Soil Applications of the Organophosphorus Insecticides Mevinphos and Methyl Demeton on Selected Plant Species |
| 80 | Y | Studies to Determine the Presence of Artificially Induced Arsenic Levels in Three Freshwater Streams and its Effect on Fish Species Diversity |
| 81 | Y | Operational Report - Lessons Learned, Headquarters, 4th Infantry Division, Period Ending 31 October 1970 (U) |
| 82 | Y | A Histological Study of Yucca Filamentosa L. from Test Area C-52A, Eglin Reservation, Florida |
| 83 | Y | Field Evaluation of Desiccants and Herbicide Mixtures as Rapid Defoliant |
| 84 | Y | Short Boom Spray System on C-123 |
| 85 | Y | Annual Diameter Growth of Conifers Adjacent to Eglin Reservation Test Area C-52A as Related to the Testing of Defoliant Spray Equipment |

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| 87 | Y | Herbicides and Military Operations, Volume I, Main Paper |
| 88 | Y | Operational Report - Lessons Learned, 23rd Infantry Division, (America), Period Ending 30 April 71 |
| 96 | Y | Soil Incorporation/Biodegradation of Herbicide Orange: Volume 1: Microbial and Baseline Ecological Study of the U.S. Air Force Logistics Command Test Range, Utah: Final Report |
| 97 | Y | Soil Incorporation/Biodegradation of Herbicide Orange: Volume II: Meteorological and Chemical Studies of a Proposed Test Site on the AFLC Test Range, Hill AFB, Utah: February 1975 |
| 99 | Y | Studies of the Ecological Impact of Repetitive Aerial Applications of Herbicides on the Ecosystem of Test Area C-52A, Eglin AFB, Florida |
| 152 | Y | Combat Development and Test Center, Vietnam: Monthly Report |
| 154 | Y | Defoliation- Incidents Correlation Study |
| 155 | Y | Lessons Learned Index: RUN 2 |
| 156 | Y | Senior Officer Debriefing Report: IV Corps (MACV), Republic of Vietnam, August 1965- January 1966 |
| 157 | Y | Senior Officer Debriefing Report: III Corps Tactical Zone, 22 June 1968- 30 August 1969 |
| 161 | Y | Anticrop Aerial Spray Trials, Phase III |
| 162 | Y | Studies on the Systematic Uptake of Toxic Phosphorus Esters by Plants - Morphological Effects of Foliar Applications of the Organophosphate Insecticides Mevinphos and Methyl Demeton on Selected Plant Species |
| 163 | Y | Table: Unit Troop Strengths, Vietnam, January 1966; Table: Unit Troop Strengths, Vietnam, Nov-69 |
| 164 | Y | An 8-Day Dew Recorder |
| 169 | Y | Memorandum for the Record |
| 170 | Y | Command Manual for Herbicide Reporting System (HERBS) |
| 171 | Y | Interaction Between Picloram and Bromacil: II. Effects of Picloram on the Uptake of Bromacil in Oats in Nutrient Solution and its Converse |
| 175 | Y | Data Quality Analysis of the HERB 01 Data File |
| 182 | Y | Environmental Effects of Cluster Marker Munition Residue |
| 192 | Y | Technical Report Summaries, Herbicides-2 |
| 204 | Y | Photographs: UC-123 Aircraft (USAF), Dissemination of Herbicides, Operation Ranch Hand, South Vietnam, 1967; and UC-123 Ranch Hand Aircraft in Formation, South Vietnam, 1970 |
| 205 | Y | Typescript: Project Ranch Hand |
| 206 | Y | 834AD Ranch Hand Study, FY's 68-69-70, prepared by: Director of Operations, 834th Air Division, APO 96307 |
| 208 | Y | Vietnam Lessons Learned No. 74: Accidental Herbicide Damage |
| 215 | Y | Typescript: C-123 Spray Aircraft for Malaria Control, 1967 |
| 216 | Y | Memorandum: C-123 Spray Aircraft for Malaria Control, from Stanley H. Bear to DPLG, 13 July 1967 |
| 217 | Y | Memorandum: Application of Herbicide, from COMUSMACV, J.R. Craisson to CINCPAC August 1967 |
| 219 | | Letter: from Steven S. Crowell to Dr. C. E. Minarik, 25 January 1969 |
| 223 | Y | Message: from 7AF TAN SON NHUT AFLD RVN to ZEN/834 AD TON SON NHUT AFLD RVN with subject UC-123 Herbicide Operations, January 28, 1971 |
| 224 | Y | Message: subject Malathion Spray, April 16, 1971; with two attachments: Memorandum to Commander, Seventh Force, Attn: TACC, APO 96307 from Major David L. Fowler with subject Aerial Insecticide Spray, 15 February 1971; Memorandum from 7AF TAN SON NHUT AB |
| 225 | Y | Memorandum: to General Clay from [unreadable] with subject Insecticide Missions, July 6, 1971; with attached memorandum: a section from another typescript that discusses C-123 aircrew configurations |

229 Y Memorandum: from Russell A Downey to General Momyer with subject Spray Aircraft for Mosquito Control, 24 February 1967; with attached memorandum: from COMUSMACV to CMDR 7th AF with subject C-123 Spray Aircraft for Malaria Control

238 Form: Military Insecticides, Use in Vietnam, AOPO/November-December 1983, Document Source: letter described in notes (below)

245 Y Memorandum: TORDON® 101 Problems; TORDON® Ester/Orange, from William J. Crea. Jr. to Branch Chief, Division Chief, 16 September 1966

253 Y Report: Physical Properties of CB Simulants, 26 October 1966; with 4 attachments and a memo to ATCB (Lt Crea) from Frank Kabase transferring the report

254 Y TORDON 101 in SEA

256 Y Toxicity of Herbicides in Use in Vietnam

257 Y Evaluation of Ca Mau Peninsula Defoliation Targets, 9 November 1962, in Republic of Vietnam

258 Y Memorandum: C-130/123 Defoliant Spray Trials, 5 September 1963, to Commanding General, Eglin AFB, Chief, Weapons Division, Detachment 4, Director of Target & Armament Development, Aeronautical Systems Division, Eglin AFB

259 Y Memorandum: Summary of Activities (Short Tour of Active Duty) 2 Nov. - 14 Nov. 1964, to Col. E. R. Kennedy, USAF Res.: with two attachments

261 Y Reports: Suggestion No. WP67-4604, Improvement of Defoliation Capability, 1967; with several attachments

262 Y Typescript: Summary of Toxicity Data on Phenoxyacetates

269 Y Resistance of Specification MIL-C-4556 Fuel Container Coatings to Defoliant

273 Letter: from C. E. Minarik to Lt. Crea, 12 October 1966: with one attachment

276 Y Message: C-130/123 Defoliant Spray Trials, September 5, 1963

277 Y Memorandum: Specification for Herbicide, Orange, 16 June 1966, from A.T. Traynor to USA Biological Center attn: Dr. Minarik, Fort Detrick, Frederick, Maryland

279 Y Message: Improved Aerial Spray Test Facilities, 28 March 1969

295 Typescript with attached cover letter: Schedule of Work and Cost Estimates For Spread Factor Determinations of Six Specified Chemical Compounds, May 4, 1967

296 Report with cover letter: Letter Report #1 on Spread Factor Determinations, June 27 & 28, 1967

297 Report with cover letter: Letter Report #2 on Spread Factor Determinations, June 30, 1967 & July 7, 1967

300 Y Herbicide Spray Drift

302 Y Annual Report of Progress on In-House Research Projects

304 Y Errata Sheet: Technical Notes AFATL-TN-70-1, March 1970

310 Letters: Regarding Spray Equipment and Insect Control in Vietnam, 1966

311 Letter: Insecticide Spray System for C-119 Aircraft (Your Ltr., 24 Oct 1966)

315 Y Typescript: Timeline for Ranch Hand, 1961-1971

325 Y Manuscript: Notes: Ranch Hand Organizational Homes

326 Typescript with attached cover letter: Ranch Hand Unit Information

328 Y Typescript: Presentation Overview: Ranch Hand in Vietnam

332 Typescript: List of Ranch Hand Personnel; with attached cover letter from George S. Rowcliffe to Lt. Col Moynahan, 6 November 1978

333 Evaluation of Production Model of Large Capacity Spray System for B-29 and C-119 Aircraft

334 Summary and Evaluation of Chemical Spray Trials, Volume II: Bibliography

335 Y Spray Test Calibration of the Hidas (HUS-1 or H-34)

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| 336 | Y | Vegetational Spray Tests in South Vietnam |
| 337 | Y | Vegetational Spray Tests in South Vietnam, Supplement |
| 339 | Y | Modification and Calibration of Defoliation Equipment (C-123 -First Modification), Supplement |
| 341 | Y | Performance Testing of C-123B Modified for chemical spray operations |
| 342 | Y | Final Report: Task Assignment Number I, Design and Development of a Multi-Source Bomblet |
| 343 | Y | Supplement I to Technical Report 46: Basic Data From C-123/MC-1 Calibration Trials, 1963 |
| 344 | Y | Calibration of Spray Systems: C-123/MC-1, H-34/HIDAL, A-1H/FIDAL |
| 346 | Y | Test and Evaluation of the A/A 45Y-2 Pressurized Defoliant Dispenser |
| 347 | Y | Test and Evaluation of the A/A 45Y-2 Pressurized Defoliant Dispenser, Supplement I - Tabulated Data |
| 348 | Y | Development Test of the Internal Defoliant Dispenser, A/A 45Y-1 |
| 349 | Y | Development Test of the Internal Defoliant Dispenser, A/A 45Y-1, Supplement I - Grid Data |
| 350 | Y | Semi-Annual Report, 16 Nov 1964 - 15 May 1965 Final Report of Integrated Engineering/Service Test of an Interim Defoliant System Conducted Jointly by the U.S. Army |
| 351 | Y | and U.S. Air Force, Part II -- Physical and Climatic Tests |
| 352 | Y | Analyses of Spray Tests of the E44 Defoliant Tank Final Report of Integrated Engineering/Service Test of an Interim Defoliant Conducted Jointly By the U.S. Army and U.S. |
| 353 | Y | Air Force, Part III - Dissemination Tests |
| 355 | Y | Evaluation of Emergency Dump Valve Modification to Internal Defoliant Dispenser A/A 45Y-1 |
| 357 | Y | Development Test of COIN Defoliant Dispenser, A/B 23Y-1 |
| 358 | Y | Development Test of COIN Defoliant Dispenser, A/B 23Y-1, Supplement I - Grid Data Development Testing of the Dual Purpose Defoliant (A/B 45Y-3) and Chemical Agent (TMU-28/B) Spray Tank (Interim |
| 359 | Y | Report) |
| 360 | Y | Selective Aerial Spray System |
| 361 | Y | Preproduction Test of the TMU-28/B Liquid Agent Spray Tank |
| 362 | Y | Compatibility Test of the A/B 45Y-1 Spray Tank on the A-1E Aircraft |
| 364 | Y | Herbicide Spray Can (ENSURE 210): Final Report, October-December 1967 |
| 366 | Y | Final Report, C-47 Spray System |
| 367 | Y | Typescript: Short Boom Spray System |
| 368 | Y | Chemical Anticrop Dispenser Development |
| 369 | Y | Test of the TMU-66/A Dispenser |
| 370 | Y | The Cherrypicker: Equipment for Simulating Aerial Spraying |
| 371 | Y | High-Speed Defoliation Test With a Modified TMU-28/B (PAU-7/B) Tank |
| 372 | Y | Test of the KMU-327/A Wing and Tail Boom/UC-123K Defoliant System Memorandum: Project Directive No. 0011KW01. Support of TAWC OT&E Test of the F-4/PAU- 7/A Defoliant System, 29 |
| 373 | Y | May 1970; with one black and white photograph labeled dissemination systems, 1969 |
| 374 | Y | KMU-327/A Optimized Wing and Tail Boom Kit for A/A45Y-1A Defoliant Spray System |
| 375 | Y | Short Boom Spray System on C-123 |
| 377 | Y | Limited Evaluation of the PAU-8/A Aircraft Spray Tank |
| 378 | Y | Test of PWU-5/A Modular Internal Spray System Installed in C-123K Aircraft |
| 380 | Y | Report of Test USATECOM Project Numbers 5-4-3001-01 and -02, Integrated Engineering/Service Test of an Interim Defoliant System Conducted Jointly by the U.S. Army and U.S. Air Force, Part I - Service Test, Appendix II |
| 381 | Y | Manuscript: Notes: Data on AB45Y-1 Tank Use in Malathion Missions |

