

## **HERBICIDES & OTHER CHEMICAL AGENTS, VIETNAM**

### **A Working Bibliography of MHI Sources**

#### **CONTENTS**

Gen/Misc.....p.1  
In-Country.....p.1  
Afterwards.....p.3

#### **GENERAL/MISCELLANEOUS**

Cecil, Paul F. "The Air Force Ranch Hand Project in Southeast Asia: Operations and Consequences."  
PhD dss, Texas A&M, 1984. 327 p. DS557.7C5C42.

Gough, Michael. Dioxin, Agent Orange: The Facts. NY: Plenum, 1986. 289 p. DS557.7C5G68.  
Chiefly chaps 3-5.

Harnly, Caroline D. Agent Orange and Vietnam: An Annotated Bibliography. Metuchen, NJ:  
Scarecrow, 1988. 401 p. Z6724C5H38.

Peake, Louis A. The United States in the Vietnam War, 1954-75: A Selected Annotated Bibliography.  
NY: Garland, 1986. pp. 170-72. Z3226P43, Ref.

Uhl, Michael, & Ensign, Tod. GI Guinea Pigs: How the Pentagon Exposed Our Troops to Dangers  
More Deadly than War: Agent Orange and Atomic Radiation. NY: Playboy, 1980.  
UB369U35.

#### **IN-COUNTRY**

Buckingham, William A., Jr. "Operation Ranch Hand: Herbicides in Southeast Asia."  
Air Univ Rev 34 (Aug 1983): pp. 42-53. Per.

\_\_\_\_\_. Operation Ranch Hand: The Air Force and Herbicides in Southeast Asia, 1961-71.  
Wash, DC: Office, AF Hist, 1982. 253 p. DS557.7C5B82.

Paul Cecil

**Herbicides in Vietnam**

p.2

Cecil, Paul F. Herbicide Warfare: The Ranch Hand Project in Vietnam. NY: Praeger, 1986. 288 p. DS557.7C5C43.

Kinnard, Douglas. The War Managers. Hanover, NH: N Eng U, 1977. DS552.55K56. See pp. 49-50 on response of most generals who served in VN.

Lewis, Charles W., et. al. "Final Report of DASG Investigative Team: Use of Chemical Agents Against the H'Mong in Laos." n.p., 1979? ca. 80 p. UG447F56.

McConnell, Arthur F., Jr. "Mission: Ranch Hand." Air Univ Rev (Jan-Feb 1970): pp. 89-94. Per. Testing defoliants 1962, VN.

Thayer, Thomas C., ed. A Systems Analysis View of the Vietnam War. 12 vols. Wash, DC: Office, Assist Sec Def for Systems Analysis, 1975. DS552S97. See Vol 5, pp. 168-99.

⇒ U.S. Army. 11th Arm Cav Rgt. "TAC SOP." Mimeo, 1 Jul 1968. VNFiles, Cab 5, Drawer #3. See Annex I.

⇒ ———. 101st Air Cav Div. "Chemical Support Operations, June 1968." Mimeo, 29 Jul 1968. 8 p. VNFiles, Cab 5, Drawer #4. See Annex I.

⇒ ———. Vietnam. Unit ORLLs; "Chemical Operations" sections, 1967-79, VNColl.

⇒ U.S. Army & Joint Services Environmental Support Group. "Services herbs Tape-A Record of Helicopter and Ground Spraying Missions, Aborts, Leaks, and Incidents." N.p., 1985. 138 p. DS559.8C5S47. ) copied

U.S. Dept. of the Army. Employment of Riot Control Agents, Flame, Smoke, and Herbicides in Counterguerrilla Operations. Training Circular 3-16, Jul 1966. 72 p. MilPub-TC. And Apr 1969 ed, 85 p. See Chap 5 both eds.

⇒ U.S. Mil Asst Cmd, Vietnam. Accidental Herbicide Damage. Vietnam Lessons Learned No 74, 15 Sep 1969. 10 p. MACV-LL.

⇒ ———. Evaluation of Herbicide Operations in the Republic of Vietnam (September 1962-September 1963). Saigon, 25 Oct 1963. 56 p. DS559.8C5U54.

Warsinske, John. Company Command in Vietnam...Oral History Collections. Special Bib 26, Nov 1990. ca 250 p. Z6724H6U55no26. Sec II, pp. 53-54.

AFTERWARDS

Centers for Disease Control. Comparison of Serum Levels of 2, 3, 7, 8-Tetrachlorodibenzo-p-Dioxin with Indirect Estimates of Agent Orange Exposure Among Vietnam Veterans: Final Report. Atlanta, GA: CDC, 1989. 172 p. UB369C65.

Clay, William C., Jr. "Organizational Adaptation and the Natural History of a Social Problem: The American Legion, Agent Orange, and the Vietnam Veterans Family Assistance Program." PhD dss, U OK, 1996. 153 p. UB369C53.

Jacobs, James B., & McNamara, Dennis. "Vietnam Veterans and the Agent Orange Controversy." Armed Forces & Society (Fall 1986): pp. 57-79. Per.

McCulloch, Jock. The Politics of Agent Orange: The Australian Experience. Richmond, Australia: Heinemann, 1984. 252 p. UB369.5A9M32.

Miller, Michael C. "The Vietnam Veteran and Agent Orange: Placing a Scientific Problem in a Public Policy Setting." MA Thesis, U No TX, 1996. 177 p. UB369M55.

Penna. Vietnam Vets Health Initiate Comm. The Vietnam Experience: An Overview of the Health Problems Associated with Vietnam Service. Harrisburg, PA: PA Dept of Health, 1989. 19 p. UB369V53.

Schuck, Peter H. Agent Orange on Trial: Mass Toxic Disasters in the Courts. Cambridge, MA: Belknap, 1986. 347 p. KF228R48S38.

Severo, Richard, & Milford, Lewis. The Wages of War: When America's Soldiers Came Home - From Valley Forge to Vietnam. NY: Simon & Schuster, 1989. 495 p. UB357S48.  
Argues that social hostility toward veterans has always existed as a norm. See Part 8.

U.S. General Accounting Off. VA's Agent Orange Examination Program: Actions Needed to More Effectively Address Veterans' Health Concerns: Report to the Congress. Wash, DC: GAO, 1982. 78 p. UB369V35.

Wilcox, Fred A. Waiting for an Army to Die: The Tragedy of Agent Orange. NY: Random, 1983. 222 p. UB369W54.

Zumwalt, Elmo R., & Zumwalt, Elmo, III. My Father, My Son. NY: Macmillan, 1986. RC265.5Z85.  
Zumwalt Jr, who served in VN and underwent herbicide exposure, died later of cancer. Zumwalt Sr. had been uniformed head of US Navy.

## **Herbicides in Vietnam**

**p.4**

### **See also:**

- Ann Hist Summary Coll, esp aviation & chem units
- AUPI, 1962
- Veterans-Vietnam

USAMHIJ

HISTSEerules

Chemical Since 1995

U.S. Army. 11th Arm Cav Rgt. "TAC SOP." Mimeo, 1 Jul 1968. VNFiles, Cab 5, Drawer #3.  
See Annex I.

\_\_\_\_\_. 101st Air Cav Div. "Chemical Support Operations, June 1968." Mimeo, 29 Jul 1968. 8 p.  
VNFiles, Cab 5, Drawer #4.  
See Annex I.

\_\_\_\_\_. Vietnam. Unit ORLLs; "Chemical Operations" sections, 1967-79, VNColl.

U.S. Dept. of the Army. Employment of Riot Control Agents, Flame, Smoke, and Herbicides in  
Counter guerrilla Operations. Training Circular 3-16, Jul 1966. 72 p. TC.  
And Apr 1969 ed, 85 p. See Chap 5 both eds.

U.S. Mil Asst Cmd, Vietnam. Accidental Herbicide Damage. Vietnam Lessons Learned No 74,  
15 Sep 1969. 10 p. MACV-LL.

\_\_\_\_\_. Evaluation of Herbicide Operations in the Republic of Vietnam (September 1962-  
September 1963). Saigon, 25 Oct 1963. 56 p. DS559.8C5U54.

# Notes CARLISLE USAFHTI SEP 07

MACV Recurring Reports

MACV-MD-07 Malaya Report

DAAR

J3-09

Order of the Silver Rose

Dave Metz

22 million + Gallons of  
Agent Orange Dioxins Sprays  
that have caused more than  
"43 Approved" ---

<http://www.silverrose.info/quality>

L

Prov

29-1

An XUYEN

Along Song Ong Phac Corridor

MACV, Herbicide Program, Seminar, 28 Jan 1968

p1 1912 3 MC 17 in Jan 68, 24 planned

p34 (5) C-123 system designed for swath of approx 80 meters wide & 15 KM long.

(4) Std Agricultural Aviation Company system for UH-1 helicopter (8 in country as of Jan 68) 200 gal tank & 45 foot spray boom only can lift 150 gal.  
50' altitude produces swath of 150 feet  
limited short cuts

p33 (1) Hand sprayers 2 & 3 gal sprayers used small areas like fence lines - used mostly by VN

(2) Buffalo turbine - mainly VN trailer mounted 100 gal - range 20-30 meters mostly roadside defol.

(3) US forces truck mounted officially a "power-driven decontaminant apparatus" 400 gal tank range 20 meters mainly heavy defoliate

p. 35 Orange effective 4-6 weeks remain effective up to 6-8 months Broadleaf plants show color change in approx 1 week.

White discoloration in 2 weeks - effective defol in 6-8 weeks - remains effective up to 8-9 months

Blue only temp. defol - preferred for crop - narrow leaf veg (grass, rice)  
Blue normally kill narrow-leaf plants

p 36 Chemicals are property of ARVN when arrive in country Consigned to ARVN 20<sup>th</sup> Ordnance Depot at Saigon or 511<sup>th</sup> ARVN ord Depot at Da Nang

Shipments are also made from Saigon to "ARVN supply points in III & IV CTZ's. I corps needs supplied out of Da Nang Depot. "A Shipment is usually diverted from Da Nang to Qui Nhon for the various supply points."

As of Dec 67 In-Country assets were 2,872,781 gal  
1967 Consumption was 5,671,503 gal  
Programed for 1968 are 8,932,000 gal &  
10,080,000 for 1969 (Increase due to +7 %)

p50 CAMBODIAN Border buffer zone to  
 avoid accidental spray into Cambodia  
 1.5 Km from RT 13 in Binh Long prov to SVN Laotian  
 Border - 5 km buffer from RT 13 to Gulf of  
 Thailand.

Msg 1 Nov 68 "Herbicide Supply Levels" in reply  
 to COMUSMACV 32124, DTG 281523Z Oct 68

On Hand O 1,867,125  
 W 1,081,270  
 B 473,180

Since 1 Nov 68 the SS Normal Cargo has discharged  
 approx 216,000 gal Orange & 200,000 gal White  
 No additional receipts are programmed

Msg shows NHATRAUK On Hand 1 Nov  
 O 136,893 consumed in Oct RCD IN  
 W 71,920 0 0  
 B 40,860 30,000 0

DA NANG O 107,900 7100 108000  
 W 101000 78000 0  
 B 32800 15,580 0

PHUOC/QUINHON O 71,400 3000 54000  
 W 49,700 0 17300  
 B 89,450 30,000 65450

		OIL	CONS OCT	RECD IN
BIEN HOA	O	1,550,980	68,200	114,560
	W	805,150	120,100	141,3??
	B	310,570	34,200	0
TOTAL	O	1,867,175	86,000	
	W	1,081,770	198,100	
	B	473,680	79,700	

1274870  
198100  
1081770

Danang recd 108,000 Orage from In country

HQ USMACV 13 Sept 1969

" Vietnam Lessons Learned No 74: Accidental  
Interbreeds Damage " pp 3-4