



Uploaded to VFC Website

▶▶ **November 2012** ◀◀

This Document has been provided to you courtesy of Veterans-For-Change!

Feel free to pass to any veteran who might be able to use this information!

For thousands more files like this and hundreds of links to useful information, and hundreds of "Frequently Asked Questions, please go to:

[Veterans-For-Change](#)

*Veterans-For-Change is a 501(c)(3) Non-Profit Corporation
Tax ID #27-3820181*

If Veteran's don't help Veteran's, who will?

We appreciate all donations to continue to provide information and services to Veterans and their families.

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=WGT2M5UTB9A78

Note:

VFC is not liable for source information in this document, it is merely provided as a courtesy to our members.



Item ID Number 05708

Not Scanned

Author

Corporate Author

Report/Article Title Handwritten notes related to Ranch Hand Missions and
Herbicide Exposure

Journal/Book Title

Year 0000

Month/Day

Color

Number of Images 6

Description Notes Alvin L. Young filed these documents together with others
under the label, "Agent Orange Exposure Project."

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20500

GIVEN low level of Exposure

GIVEN General inability to address individual exposure

i. little confidence in the selection of cohorts.

→ NEED different approach to verify exposure. Methods not available at this time!

The Issue is exposure. What do we know?

1. III Corp units in CP listing

2. Ranch based Missions

NAS 86%

ESG 79%

RH Missions that are recorded & can be plotted & appear reasonable

3. Perimeter Missions
Inaccurate as to records (# and type of herbicides)

281 III Corp / 478 in SW

4. Abort Missions (Dumper)

- 9 in III Corps during > 910 day window
- One Crash with no data
 - one dump over Ben Hon
 - 3 x 150'

Can plot likely location of target (Bricker Table VI)

5 Morning Reports
Unit Reports

ESG Report
at (Army) ^{begin}
under ^{begin}

Daily Journals
ORILL (lessons learned)
Situation Reports

6. Limitations of Records

-- Company - we know individuals at a given time, but ~~when~~ the unit disperses on a given day, we do not have sufficient data to confirm location of the individual

50% of the time the individual is in front

for 36 Company days

7. Spray characteristics of the equipment was not uniform. Reported use of most ground probably underestimated. Locations of spraying in and base perimeter generally not reported - records better in 68 & after

8. Were people exposed on perimeter also likely to have been exposed in field operations?

$$3 \text{ gallon/A} = 217 \text{ lb/Acre}$$

$$= 13.5 \text{ ppm in top 6"} \quad \text{cannot}$$

However we lack data and ~~we~~ cannot

Verify scenarios.

9. Accuracy of Plotting Units

1/2 km
2 km
3 km
6 km

$$\text{Exposure at } \frac{1}{2} \text{ km/day} = \# \text{ Exposures at } 2 \text{ km/day}$$

RH \neq Perimeter
Exposure Spray

RH missions 79% accounted for.

Perimeter missions

Inaccurate as to records (# & type of herbicide)

470 documented '64-'70 in all of Vietnam

Reports - 9 in III Corp during 79 day window. Jerry's table 7. Locatable

Reports: Good quality, if read correctly

Limitations of Records

Company - We know individuals at a given time, but within the unit

dispenser, we do not have sufficient info.

58% of the time, they write together based on 36 Company days.

Spary characteristics of equipment and mission

Reported use of most ground equipment probably severely understated.

Doing fat/blood work by fall. Phase I - Non-vit. Serum/fat correlations. Phase II - will be vch. 150 L/150 Hg.

Frequency of plotting units

1/2 km

1 day

2 km

3 "

2 "

4 "

Exposure of 5 km/day = ? Exposure of skin/days

Perimeter spray

samples: Non-exposed ≈ 3 ppt. 'Dixie' roughly ≈ 300 ppt

Low level of exposure

making to other water systems

little confidence in selection of data

Need diff approach to water systems

Method not available at this time

Final cost of the determination of value is approx.
that needed to pay back. Don't know.
Don't think should have of my own.

Spent risk - is the definition
Spent of concern - Tax

5/19/86 HD

Disqualifying criteria

Single tour enlistee
≤ E 5

1 Oct 66 - 31st Mar 69

Exposed - served any time in tracked unit

Non-Expo - " entire tour in tracked unit

III Corps

Env exposure, not occupational
(i.e. RH, Chemical Units)

What is needed scientifically valid study

1. Cohorts similar in all classification except exposure to HD
2. One cohort (sufficiently large number of indivs at least 8000) that had likelihood of sig (biologically) exposure to HD + its dioxin
3. One cohort (sufficiently large) that was unlikely to have been exposed
4. A measure of troop deployment on any given day that allows our confidence in the location of a selected ind unit ~~every~~ x or day +