

Q100  
- ~~THERE~~ ANY OTHER  
REPORTS THAT SHOULD  
OF BEEN PRESENTED.

PLANNER (COUNCIL)?? ARE  
YOU HOLDING ANYTHING  
BACK LIKE ARCHLOG  
THAT WE WERE TOLD  
WAS NOT DONE (April).

ENRON - REPORT

QUESTION IS THERE  
COLLUSION ANY.

DID YOU KNOW THIS BLOCK 9 TAWA  
AVE

WAS COVERED IN GORSE) - 4-5 METERS  
AND WEEDS. HIGH

THE FARM OWNER OF THE DAY.

MURRAY HALL USED 245T AND 24D  
~~AND ADDED DIESEL AS A SPREADING AGENT.~~  
TO ERADICATE THESE WEEDS -

IN FACT OTAMATEA COUNTY COUNCIL

PROVIDED HIM THIS WITH A SUBSIDY TO

ERADICATE NOXIOUS WEEDS WITH 245T.

~~IN THE~~ <sup>DO THE</sup> THE COUNCILS HERE HAVE THIS RECORD  
SALES OF 245T CEASED IN 1987

BUT MURRAY WAS STILL USING THIS  
PRODUCT

WELL INTO THE 1990'S AS WE KNOW

GORSE IS HARD TO KILL.

YES BASICALLY AGENT ORANGE

WHAT DOES THE TOXICOLOGY REPORT SAY.

~~WHO REMEMBERS FANE NATHAN??~~

~~DIED OF TOXIC POISONING IN  
EARLY 1980'S, MY GREAT FRIEND.~~

ALSO THE EFFLUENT PONDS AND  
RUN OFF FROM THE COWSHED AND  
OTHER <sup>FARMS</sup> BUILDINGS - HAS THIS BEEN  
TESTED ??

THERE WAS AN ABATMENT NOTICE  
FOR THIS PROPERTY FROM THE  
REGIONAL COUNCIL - WHERE IS  
THIS REPORT ??

Wetlands and water been tested  
from run off from properties above



are there dioxins in 245T



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Because it was contaminated with the highly toxic and persistent 2,3,7,8-tetrachlorodibenzo-p-dioxin along with other chlorinated dioxins and furans, 245T has been banned for most applications.



sciencedirect.com

https://www.sciencedirect.com › topics › neuroscience

2,4,5-Trichlorophenoxyacetic Acid - ScienceDirect.com

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People also ask

Does 2,4-D contain dioxin?

Why was 2,4,5-T banned?

What is the active ingredient in 2,4-D herbicide?



when was 245t banned in nz



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# 1987

2,4,5-T. Manufacture of 2,4,5-Trichlorophenoxyacetic acid (2,4,5-T) ceased in New Zealand in 1987 and it is no longer sold in New Zealand.

[wikipedia.org](https://en.wikipedia.org/wiki/Pesticides_in_New_Zealand)  
[https://en.wikipedia.org/wiki/Pesticides\\_in\\_New\\_Zealand...](https://en.wikipedia.org/wiki/Pesticides_in_New_Zealand)

**Pesticides in New Zealand - Wikipedia**

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The World Health Organization (WHO-2005) has recommended the standard exposure levels of dioxins as 1–4 picograms WHO-TEQ/kg of body weight per one day, or 0.07 ppt in blood; the general environmental limit in most countries is 1200 ppt TEQ in soil and 150 ppt in sediment [3]. The United States Environmental Protection Agency (US-EPA) considers reducing the dioxins limit to 72 ppt TEQ to increase the volume of contaminated soil to be treated [3]. Dioxins, as a dangerous threat agent to the environment and humans, are associated with severe damage to human health, shortening the lives of those exposed and potentially shortening the lives of their children and future generations [3]. When dioxin levels in humans exceed the allowable threshold of 0.0064 picograms/kg of the human body (US-EPA), dark patches of skin appear quickly as a result of cell death, mutated pigment cells, and impaired liver and kidney function [8,41]. If long-term exposure to levels exceeds the threshold, dioxins will affect the immune system, endocrine glands, and reproductive functions, leading to some cancers and diseases of the central and peripheral nervous systems, thyroid disorders, immune system damage, endometriosis, diabetes, etc. [8,42]. As a result, children of exposed parents were born with many tragic deformities, and some children lived in a vegetative state from birth; the association between dioxins exposure and five diseases, such as soft tissue cancer, benign lymphoma, chronic lymphocytic leukemia, hairy leukemia cancer, and chlorosis was also noted [2,43]. Some diseases associated with dioxin exposure, such as acute, chronic, and subacute peripheral neuropathy; chlorosis; type 2 diabetes; liver cancer; lipid metabolism disorders; reproductive abnormalities and birth defects, such as cleft lip and palate; congenital malformations of the legs, hydrocephalus, neural tube defects, adhesions (sticky fingers or toes), muscle malformations, and paralysis [43] have also been observed. The half-life of dioxins in the soil is from 60 to 80 years, and at the same time, it persists for a long time in the environment, seeps into the soil and sediments, and migrates into vegetation and aquatic life, leading to bioaccumulation in the soil and food chain [2,9,44].

### 3. Situation of Dioxin-Contaminated Soil and Standard Limits

Environmental pollution in general, and dioxins pollution in the soil in particular, are markedly on the rise. The main sources of dioxin emissions are industrial activities (such as combustion) which are an important part of human production. Dioxin emissions from G20 industrial activities account for more than 80% of the estimated annual emissions [41]. According to Miguel Dopico and Alberto Gómez et al., 2015, annual global dioxin emissions were 17,226 kg, equivalent to about 287 kg-TEQ. The main sources of dioxins in the soil environment are fuel combustion, metal production, pesticide production and use, waste incineration, accidental fires, landfill disposal, combustion, and herbicide runoff in agricultural uses [42].

Many countries around the world are currently hotspots for dioxin contamination, including Germany [43], Korea [44], the Mediterranean [45], South Africa [46], Poland [47], China [48], Vietnam [3,49], etc. In China, soil dioxin concentrations are primarily found in soils in the vicinity of production areas, such as urban, agricultural, and mountain soils [48]. Dioxin concentrations in soil in China have varied ranges

I ~~WAS~~ SPENT TIME WITH MURRAY HALL  
A FORTNIGHT BEFORE HIS PASSING -  
HIS WORDS  
IN HINDSIGHT 'LACK OF KNOWLEDGE'  
MAKES YOU BLIND. - TYPE 2 DIABETES.

'MURRAY SON BOSS DROVE MILK TANKERS  
AND SON IAN WORKED IN ~~TO~~ MANY  
WOOLSHEDS ~~OVER THE~~ BACK IN THE DAY  
MY KNOWLEDGE OF THE HALL FAMILY  
AND THIS LAND '9 TAWA AVE' IS  
'EXTENSIVE' - THIS IS PERSONAL TO ME  
~~CAN I ADDRESS~~  
WITH THE UPMOST RESPECT TO THE  
'NATHAN' FAMILY - <sup>HERE TODAY - CAN I ADDRESS YOU</sup> I WANT TO RELAY A  
STORY - TANE NATHAN AND I WENT  
TO SCHOOL TOGETHER, PLAYED RUGBY  
TOGETHER - TANE GOT A JOB SPRAYING  
GORSE WHEN 245T WAS THE ONLY  
SPRAY AVAILABLE - SADLY HE DIED  
OF DIOXEN POISONING AS A YOUNG  
MAN. R-I-P TANE.  
GONE BUT NEVER FORGOTTEN

# TOXICOLOGY REPORT - ~~SA~~

## QUESTION

PLANNERS AND MOE. ARE THERE ANY MORE REPORTS THAT SHOULD OF BEEN PRESENTED ??