To: Housenger, Jack[Housenger.Jack@epa.gov]
From: Rowland, Jess
Sent: Sat 3/21/2015 12:12:37 AM
Subject: FW: Lancet Oncology IARC summary (malation/diazinon/glyphosate/tetrachlorpvinphos/parathion)
Lancet Onco. Carcinogenicity of tetrachlorvinphos, parathion, malathion....pdf

Hi Jack
Fyi.....

Sent from my Windows Phone

From: Miller, David
Sent: 3/20/2015 2:53 PM
To: OPP HED
Subject: FW: Lancet Oncology IARC summary (malation/diazinon/glyphosate/tetrachlorpvinphos/parathion)

FYI – for those with an interest, the attached is the recently released IARC summary report on findings for malathion/diazinon/ glyphosate/ tetrachlorpvinphos/parathion.

The WHO/IARC graphic below shows how the 2A (malathion, diazinon, and glyphosate) and 2B (tetrachlorvinphos and parathion) group classifications were derived based on the animal and human epi results reviewed by the IARC Panel.

EVIDENCE IN HUMANS	EVIDENCE IN EXPERIMENTAL ANIMALS: Sufficient	Limited	Inadequate
Sufficient	Group 1 *(carcinogenic to humans)*		
Limited	Group 2A *(probably carcinogenic)*	Group 2B *(possibly carcinogenic* (exceptionally, Group 2A)	
Inadequate	Group 2B *(possibly carcinogenic)*	Group 3 *(not classifiable)*	

David

-----Original Message-----

From: Miller, David

Sent: Friday, March 20, 2015 1:57 PM

To: Christensen, Carol; Britton, Wade; Rowland, Jess

Cc: Vogel, Dana

Subject: RE: Lancet Oncology IARC summary (malation/diazinon/glyphosate/tetrachlorpvinphos)

Thanks, Carol.

I've attached the downloaded PDF of the article to make it simpler for folks.

David.

-----Original Message-----

From: Christensen, Carol

Sent: Friday, March 20, 2015 1:24 PM

To: Britton, Wade; Miller, David; Rowland, Jess

Subject: RE: Lancet Oncology IARC summary (malation/diazinon/glyphosate/tetrachlorpvinphos)

FYI: http://www.thelancet.com/pdfs/journals/lanonc/PIIS1470-2045(15)70134-8.pdf

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From: Christensen, Carol

Sent: Friday, March 20, 2015 11:53 AM

To: Britton, Wade; Miller, David; Rowland, Jess

Subject: Lancet Oncology IARC summary (malation/diazinon/glyphosate/tetrachlorpvinphos)

Hi All

I just learned that the summary of the IARC-pesticide meeting is expected to be available on line around 1 pm today. FYI.

I think this is the link: http://www.thelancet.com/journals/lanonc/issue/current.

Carol