

From: "Duane Nelson" <divebum@aloha.net>
Subject: RE: FW: Piper sp. eradication
Date: Tue, 11 Apr 2000 12:02:58 -1000

Aloha, All

I was just in Micronesia last week and had a lengthy discussion of potential control methods with Konrad Engleberger and friends. After viewing the plants, setting and being mindful of the heavy precipitation in Kosrae, I made the preliminary recommendation to Konrad that they use a readily translocated systemic herbicide [either Garlon 3a (44.4% triclopyr amine) or Arsenal (28.7% Imazapyr amine)] applied either by direct injection or as a cut stump treatment. Either of these herbicides should provide good root kill, are of very low human toxicity, and with care of application should have no impact to non-target species or contamination to water. The stem of P. auritum is canelike so it would easily be treated by injection using a stout veterinary needle and syringe to administer label rates of herbicide.

Roundup may also work, but I would be nervous about getting good kill on roots.

However, I have not actually treated Piper sp., so I would gladly defer to anyone with first hand knowledge.

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

From: pt [mailto:pt@hear.org]
Sent: Tuesday, April 11, 2000 4:35 AM
Subject: Re: FW: Piper sp. eradication

Chris,

Thanks for the forward of this info. I don't have info on control of Piper auritum at this point, but I know there are a number of people interested in this issue in Hawaii & elsewhere; am forwarding this info & your request for info to a number of interested parties. If anyone knows about control methods, hopefully they will send both you & me this info.

afn,
pt@hear.org

Buddenhagen, Chris S R DIVISION wrote:

>
> Cannot find any information on the control of this species. i.e. Piper
> auritum Can you help? Note tropical pacific island problem.
>
>
> Chris Buddenhagen

> Weed Ecologist
> Department of Conservation
> Science and Research Unit
> PO Box 10-420
> WELLINGTON, NEW ZEALAND
> 64-4-471-3067 phone (vpn 8067)
> 64-4-471-3279 fax (vpn 8279)
> mailto:cbuddenhagen@doc.govt.nz <mailto:cbuddenhagen@doc.govt.nz>
>
>
> -----Original Message-----
> From: SPC Plant Protection, Micronesia [mailto:ppmicronesia@mail.fm]
> Sent: Monday, 14 February 2000 12:59

> Subject: Piper sp. eradication
>
> Dear Mrs.Timmins and Mr. Buddenhagen,
>
> I received you contact address from Gery Sherly, SPREP in Apia, Samoa.
> He mentioned that you may be able to provide us with information in
regards
> to herbicides.
> We are planning to eradicate Piper auritum, a plant which belongs to
the
> same family as Kava.
> We consider this plant as a weed and it also can jeopardize the local
Kava
> (Sakau) industry.
> Here in Pohnpei, we have only Roundup available and we have started
last
> week to test it on some plants.
> I remember from my old days when I was working in Tonga we used
Roundup pins
> for banana bunchy top control. Would you know if this Roundup pins are
still
> available. Do you think Roundup will give a good control or would you
> recommend an other herbicide to be used for the eradication. This
plant has
> many suckers and is spreading very fast, it can grow up to 6 meters.
>
> I would like to use Roundup because we have a very fragile
environment, most
> plants grow along rivers where people collect their drinking water.
>
> Please let me know if you have some useful information for us.
>
> Best regards
>
> Konrad Englberger
> Plant Protection Micronesia
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