

Pyp Grass (*Ehrharta villosa*)

March 5, 2002. MW forwarded a report from Hillary Webb (MW) that a Mr. Chris von Krayenard had planted Pyp grass at a site close to Waiinu Beach during 1960. See attached fax.

G La Cock, C Ogle, and R Smillie visited the general area of the site and spent several hours searching, no Pyp grass was located in the area. The area searched was well grassed with conventional pasture species, with only small areas of exposed sand caused by stock camping.

Later communication with Hilary Webb revealed that Mr Krayenard had found evidence to suggest that the seed planted in the trial was in fact *ehrharta erecta* , not *ehrharta villosa* as originally thought. (fax attached)

Also attached MW's current RPMS re: Pyp Grass

horizons.mw is the trading name of the Manawatu-Wanganui Regional Council



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This message was faxed from our Marton Service Centre
Fax 64-6-3277187 Ph 64-6-3277189

Field grass
sika grass

DATE: 5/3/02	TO: Hiary WEB JOE MARTIN
TIME SENT:	ORGANISATION:
SENDER: Hiary WEB	FAX NUMBER:

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FILE NO:

MESSAGE: PUP GRASS SITE

Chris van Kraeyenord planted pup grass seed at a site he calls "Hawken" (presume this is the property owner at the time) at Maxwell in 1960.

Directions are: LMS Wainui Beach Rd heading to sea over thru 2 gates ^{over railway line} to a "large" inland dune. He mentioned that the land owner was a pilot, not a good one as he is now deceased.

presume it is VNZ No 12420/147/00 or 42/00.
Definitely not Pearce as his title stopped at the railway line. Chris phone number is 06 357 9516 if you would like to take him for a drive. Lachie should know of his work as a soil conservator.

Happy hunting, Hie

05/03/2002 11:33

064+063277187

05/03/2002 12:32

HORIZONS MW MARTON → WANGANUI

NO. 689 001

05/03/2002 10:47

064 6 3454011

NO. 468 001

05/03/2002 09:47

HORIZONS WANGANUI → MARTON



LONGVIEW LTD.

HILARY

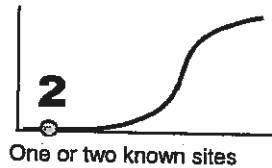
DAVID PEARCE

53 54 50 61 62 63 64 65 66 67

222 591 - 502

7.10 Pyp Grass (*Ehrharta villosa*)

7.10.1 Description



Pyp Grass is a strongly rhizomatous, dense mat-forming grass bearing few leaves apart from the ends of each shoot. Flower panicles erect, up to 25 cm tall.

Pyp Grass is unpalatable to stock and represents a threat to both production land and environmental values, at least in sand country. It has spread from original plantings as a sand stabiliser and now occupies an area of about 10 ha at Koitiata. The Department of Conservation has treated one site that is on public conservation land vested in the Rangitikei District Council and crown forestry lease held by Ernslaw One.

Pyp grass is assessed at 2 on the infestation curve.

7.10.2 Costs and Benefits

Two scenarios have been considered:

1. Do nothing; and
2. Total control

The “do nothing” scenario results in total damage to the Region of \$221,200 NPV.

The “total control” scenario has costs of \$5,800 per year. The NPV cost to the Region is \$59,323. The overall net benefit of this scenario is \$161,877 NPV.

The total control scenario has a positive net benefit and therefore meets the requirements of 72(1)(a).

See also Section 7.13, Common Provisions for **horizons.mw** Control Plant Pests.

7.13 Common Provisions for horizons.mw Control Plants

7.13.1 Reason for Inclusion

horizons.mw Control plants are pests where eradication from the Region is both possible and cost effective. Control by **horizons.mw** is necessary to ensure all plants are located and destroyed.

7.13.2 Objective

To make progress towards¹⁰ the eradication of horizons.mw Control plants from the Region and prevent their reproduction and spread for the duration of this Plant Pest Management Strategy.

7.13.3 Principal Means of Achievement

Service

horizons.mw will check known sites of **horizons.mw** Control plants and ensure the destruction of any plants found.

Investigation

horizons.mw will undertake investigations aimed at detecting any new infestations of **horizons.mw** Control plants.

Enforcement

As and when appropriate **horizons.mw** will enforce Strategy rules prescribed in this section.

Education

horizons.mw will carry out community education programmes to increase public awareness and provide information to the public.

Advice

horizons.mw will provide ongoing advice to the public on control measures and management programmes.

¹⁰ "Progress towards" eradication will be measured by recording areas of infestation and density or number of plants. Only if these indicators are steadily trending down will progress towards eradication be demonstrated.

7.13.4 Alternative Measures Considered

“Do nothing” risks the establishment and spread of potentially serious plant pests in the Region. “Do nothing” was rejected because these plants are controllable and the cost of effective control is less than the damage caused by the pests.

Control by land occupier was rejected because supervised control by professional staff is necessary to ensure all plants are located and destroyed.

7.13.5 Strategy Rules

- a. No person shall knowingly sell, propagate or distribute **horizons.mw** Control plants.

A breach of this rule will create an offence under Section 154 (r) of the Act.

7.13.6 Explanation of the Rule

Refer to chapter 6.

7.13.7 Funding

Exacerbators are the original importers and distributors of **horizons.mw** Control plants (these are now difficult to identify), and land occupiers where the plant now grows.

Beneficiaries are the whole community, through protection of ecological values, and also pastoral and cropping land occupiers. Ratepayers should fund service delivery because of the importance of effective control of every plant to prevent spread of the pest. Other costs of the strategy should be funded 100% by ratepayers because of the inefficiency of charging a large number of beneficiaries a small amount each.

7.13.8 Measuring Achievement of the Objective

The investigating Plant Pest officer will record work done and plants found in the corporate database.

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This message was faxed from our Marton
Service Centre - Fax 06 327 7187
Phone 06 327 7189

DATE: 8/3/02	TO: Rod Smiley
TIME SENT:	ORGANISATION: DOC
SENDER: Hickey WEBB	FAX NUMBER: 06 345 8712

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FILE NO :

MESSAGE :

Hi Rod.

Letter "confirming" that the Echara seen
at Maxwell is probably E. erecta not
E. villosa as first thought by C.v. Krayenboud.
Wonderful that it has been checked out though.

Thanks
Hickey

NEW ZEALAND

DEPARTMENT OF AGRICULTURE

P. O. BOX 2298, WELLINGTON C. 1

27 October 1959.

Mr C. van Kraaijenoord,
District Soil Conservator,
15 Andrew Young Street,
PALMERSTON NORTH.

Perennial Veldt Grass

As previously arranged by Miss Radcliffe in her recent visit to Palmerston North, I am sending today under separate cover 2 lbs of the improved "Unarlee" strain of Perennial Veldt Grass for use on the West Coast Sand Country.

This seed has not yet been tested, I suggest that you arrange for a Purity and Germination test before sowing.

The seed has been obtained from Wright Stephenson and Co. Australia.

P. B. Lynch
(P. B. Lynch)
S.F.S.O. (Field Experiments)

E. longiflora - annual veldt grass
E. erecta - veldt grass
E. villosa - PYP grass
E. calycina - no common name