

# Over The Fencepost

Alternatives to tanalised timber



# Comparisons of tanalised timber replacements allowable under USDA NOP regulations

Organics Aotearoa New Zealand (OANZ): Version 1 July 2010

## Background Information to this resource:

This resource was developed in response to needs indicated by the members of Organics Aotearoa New Zealand (OANZ). Prior to 1 July 2010 Copper Chrome Arsenic (CAA) tanalised timber was commonly used for fencing and trellising on certified organic production, including in horticultural, viticulture and pastoral settings.

Following an audit in 2008, United States Department of Agriculture (USDA) regulators signaled that the use of treated timber was prohibited on United States Department of Agriculture National Organic Programme (USDA NOP) certified properties. A phase-out period was negotiated by the New Zealand Food Safety Authority (NZFSA), meaning that the use of new or recycled tanalised timber for new or replacement construction must be discontinued from 1 July 2010.

Current Organic Management Plans for USDA NOP certified properties, including livestock farms, must address how the property will be managed without the use of treated posts and timber, including without both new and recycled posts and timber, for new installations and replacement purposes from 1 July 2010.

## Alternatives to treated posts and timber

NOP compliant fencing materials include:

- Metal such as steel and aluminum
- Concrete
- Ground durable timbers such as chestnut, robinia, some eucalypts, and macrocarpa.

NOP compliant building materials include all untreated timbers.

***Inclusion of a product in this resource does not ensure its acceptability under the USDA NOP, as individual specifications and manufacturing processes may need to be individually advised and assessed as to its suitability or otherwise. An individual's only guarantee of suitability is your certifier's written approval.***

**Please note:** Pricing accurate at time of writing but subject to change. All prices are subject to confirmation on ordering. Large quantities may attract additional discounts. Some product ranges have other options in terms of length etc. For the purposes of this exercise standardized lengths applicable within agriculture, viticulture, horticulture and kiwifruit industries were used. Please contact the manufacturers or distributors direct for other options.

**Please note:** All inputs to the USDA NOP certified property must have prior approval in your Organic Management Plan before use.

## Alternative timbers


<p>Photo not supplied</p>	<p><b>Eucalyptus Globoidea, Saligna or Botriodies posts</b>            Natural, locally grown, untreated, less sapwood than other Eucalypts, rated as moderately durable.</p> <p><b>Installation:</b> Pneumatic or hydraulic Post driver, Auger or vibrating head.  <b>Ground durability:</b> 100mmx100mm square post lasts up to 30 years  <b>Sizes available:</b> Can be milled to individual specifications. Square or oblong posts as per customer requirements.  <b>Application/Suitability:</b> Viticulture, pastoral, kiwifruit, horticulture  <b>Associated products:</b> n/a  <b>Size/Prices:</b> 2.4m = \$25.00 + GST            (100mmx100mm)            Price for individual lines of posts on enquiry. Strictly limited supply.</p> <p><b>Manufacturer/Distributor:</b>            Mike and Rob Moores, Tauriko Sawmills, Ph 07 5433479, Mobile 027 2712011 or 027 4490808, mooreswood@xtra.co.nz, www.taurikosawmill.com</p>
	<p><b>Wallaba Posts</b>            Natural hardwood            No leachates, extremely strong, sustainably and responsibly harvested by the Guiana Forestry Commission (GFC) to support the local Arawa Indian community at a village level in French Guiana (South America) Approved for buildings and piles. Cost effective, reliable.</p> <p><b>Installation:</b> Pneumatic or hydraulic Post driver, Auger or vibrating head.  <b>Ground durability:</b> Up to and beyond 20 years  <b>Application/Suitability:</b> Viticulture, pastoral, kiwifruit.  <b>Associated products:</b> n/a  <b>Size/Prices:</b> Intermediate - 1.8m, 2.1m, 2.4m, 2.7m price range from \$25.00 to \$45.00 + GST            Strainer - 1.8m, 2.1m, 2.4m, 2.7m price range from \$30.00 to \$55.00 + GST            All pricing based on full containers loads and final destination calculations            Note: Due to very limited supply and increased demand (and due to South American rainy season) it is strongly advised orders are coordinated 6-12 months in advance.</p> <p><b>Manufacturer/Distributor:</b>            South Island - Steve Lyons (RURALit, Christchurch), Mob (021) 240 2940, steve@ruralit.co.nz            North Island - Ken Wickham, Mob (021) 960 0438</p>

Photo not supplied

### Australian Hardwood – Queensland Cypress, River Eucalyptus, Karri Eucalyptus

Natural untreated hardwood sourced from Australia. These are stronger/denser than pine therefore product dimensions can be smaller for the same strength capabilities.

**Installation:** Pneumatic or hydraulic Post driver, Auger or vibrating head.

**Ground Durability:** 15 – 20 years

**Application/Suitability:** Viticulture, pastoral, kiwifruit, horticulture

**Associated products:** Douglas Fir railings.

**Size/Prices:** Baton: 50x50 1.2m = \$4.44

Intermediate: 100x100 - 1.8m = \$35.52, 2.1m = \$41.44, 2.4m = \$44.64, 2.7m = \$52.00

Strainer: 150x150 2.4m = \$121.86

Prices are plus GST and freight ex Turtons yard Masterton. Prices are subject to Exchange rate, shipping, freight. Prices for large lines can be quoted ex port of Auckland for cost savings.

**Manufacturer/Distributor:**

Turtons Farm Supplies Ltd 13 Norfolk Road, Carterton, Wairarapa, Phone 06 3773971, admin@turtons.co.nz, www.turtons.co.nz

## Concrete



### Pali Posts

Pre stressed reinforced concrete posts.

No rust, salt resistant, maintenance free, durable.

**Installation:** Pneumatic or hydraulic Post driver, Auger or vibrating head.

**Ground durability:** 50- 100 years

**Sizes available:** Pali Posts are available in the following profiles: 60mm, 70mm, 80mm and 90mm.

**Application/Suitability:** All farming and horticultural uses – vineyards, sheep & beef, orchard, deer

**Associated products:** Associated clips and accessories available. End assemblies and stays. wire clips, spreaders, anchor and ground screws, wire

**Size/Prices:** Intermediate: 70mm - 1.8m = \$14.90, 2.1m = \$17.40, 2.4m = \$20.00, 2.7m = \$22.45

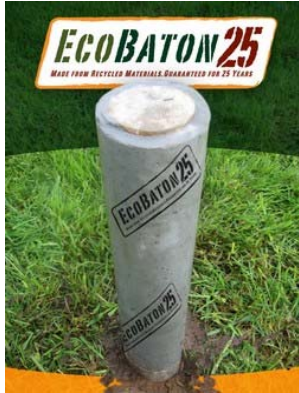
Strainer: 90mm - 1.8m = \$23.29, 2.1m = \$27.15, 2.4m = \$31.08, 2.7m = \$34.94

Quote on container basis only-mixed post prices requires a requote.

Prices are plus GST and freight from port of Auckland or ChCh.

**Manufacturer/Distributor:**

Peter Iremonger, PI Trading, 5 Hoskins Road, Kirwee, Canterbury, Ph 03 3181344, Fax 03 3181344, Mobile 027 6451894, enquiries@paliposts.com, www.paliposts.com



## Ecobaton 25 ECC Concrete

Untreated wood core with fibre reinforced concrete coating.

Made in NZ from recycled & renewable resources, may be coloured (if desired), lighter & stronger than standard concrete posts, can use standard fencing hardware, flexibility not seen with concrete (5MPa flexibility strength), unique fibre reinforced concrete (ECC). Can use standard fencing hardware. Posts termite, rot & corrosion-proof.

**Installation:** Hydraulic or pneumatic post rammer – use supplied cap, vibration hammered and water drilling.

**Ground durability:** 25 years

**Sizes available:** Intermediate posts - 110mm diameter

End of line/Strainer posts – 150mm diameter.

**Application/Suitability:** Viticulture, pastoral, horticulture, deer fencing, security fencing, Kiwifruit trellis, security fencing.

**Associated products:** Fastenings, currently concrete nails & testing tek screws, wire & normal installation

**Size/Prices:** Intermediate: 1.8m = \$20.33, 2.1m = \$21.48, 2.4m = \$22.52, 2.6m = \$23.21

Strainer: 1.8m = \$25.38, 2.1m = \$27.22, 2.4m = \$29.17, 2.7m = \$30.43

Ex Whangerei, + freight and GST

### **Manufacturer/Distributor:**

Exclusively manufactured & distributed by EcoBaton Ltd, Whangerei, Ph 0508ecobaton, info@ecobaton.co.nz, www.ecobaton.co.nz

# Plastic Composites



## Advanced Plastic Recycling (APR)

Wood Plastic Composite (WPC) (Recycled plastic/untreated timber)

Consistent spec's, Chemically inert, UV resistant, supports recycling, lighter and easier to handle than wood, metal or concrete, cut to size, zero wastage. Doesn't crack, rot, rust, weather. Can be easily cut, drilled, screwed, bolted and stapled into. Environmentally sustainable

**Installation:** Pneumatic and hydraulic Post driver, vibration hammered and water drilling and even the good old post hole digger – manual installation.

**Ground durability:** This will be based on application. From 1 year to 40 years

**Sizes available:** 100mm hollow round, 100mm solid round, 70mm solid round, 140mm hollow round - All available in various lengths, made to order – enquire to find out more.

**Application/Suitability:** Viticulture, Pastoral, Aquaculture, Fencing, Horse Stables, Organic and more.

**Associated products:** Hollow post, Solid post, Bollards, Sleepers, Strainer posts, Planter beds, Fencing planks (150mm x 25mm or 140mm x 40mm) - all manufactured to various lengths starting from \$7.60 per linear metre

**Size/Prices:** Intermediate: 100mm hollow round - 1.8m = \$10.80, 2.1m = \$12.60, 2.4m = \$14.40, 2.7m = \$16.20

Strainer: 150mm x 150mm hollow - 1.8m = \$57.60, 2.1m = \$67.20, 2.4m = \$76.80, 2.7m = \$86.40

All pricing ex Australia and + GST

### Manufacturer/Distributor:

Manufacturer: Advanced Plastic Recycling(APR), Lot 9, 500 Churchill Road, Kilburn, South Australia 5084, Ph (+61) 8 83594999, sales@a-p-r.com.au, www.a-p-r.com.au

Distributor: APR will appoint a network of outlets in NZ and landed costs into New Zealand can then be calculated



## Plastic Pole Vault Pty Ltd

Untreated bare timber post with polyethylene plastic coating and cap. Strong, rigid, UV resistant, recycled plastic. Easy to handle, pack, transport and install.

**Installation:** Post driver

**Ground durability:** 20 years +

**Sizes available:** 80 mm diameter post.

**Application/Suitability:** Viticulture

**Associated products:** Clev-a-clips for vine training/ securing

**Size/Prices:** 2.3 m = \$9.80 Including GST plus delivery charge ex Marlborough.

### Manufacturer/Distributor:

John Sowman 027 249 7668 or wdv@xtra.co.nz



### Plastic/Wood Fence Post

Recycled Polyethylene with untreated Reed core.

Easy to transport, UV stabilized, Anti fungus/Anti mould, will not corrode, rot or leach chemicals, use nails, screws or staples to secure any wire or attachments. Solid post (not hollow)

**Installation:** Pneumatic and hydraulic Post driver, hand held post rammer.

**Ground durability:** 20 years + depending on ground conditions

**Sizes available:** 100mm Triangular Post.

**Application/Suitability:** Viticulture, Kiwifruit, Agriculture

**Associated products:** Cylindrical Post, Fence Railing, poles. Use nails, screws or staples to secure any wire attachments

**Size/Prices:** 1.8m = \$20.56 each, 2.0m = \$22.85 each, 2.4m = \$27.42 each, 2.8m = tba  
Plus GST. Freight negotiable depending on quantity required.

**Manufacturer/Distributor:**

Empak Distribution (Horticultural component of AgPac), P O Box 36084, Christchurch, Ph 03 3386296, FAX 03 3386297, sales@empak.co.nz or sburns@empak.co.nz

### Plasmar Fence Posts

100% recycled engineering grade polymers.

No additives, colouring or fillers such as wood flour are used, no PVC used, no bending or delamination. Currently used in organic and bio dynamic farming. Can be cut, nailed, and drilled. Immune from fungus, and rot. Non-leaching. Splined point for ease of driving and greater in ground retention.

**Installation:** Pneumatic and hydraulic Post driver. Vibrating head on digger unit.

**Ground durability:** 50 + year life span

**Sizes available:** Sizes range in 104 round @ 1800, 2100, and 2400 lengths (weight range from 14.4 kg to 19kg depending on length)

Sizes range in 160 round up to 3900 (weight depends on length).

**Application/Suitability:** General farming, stock control fencing, horse studs, organic food production, aquaculture and viticulture

**Associated products:** Board also available in 150 x 25 x any length up to 6 metres.

Parkland bollard (104mm, 160mm)

**Size/Prices:** Intermediate: 104mm round - 1.8m = \$35.70, 2.1m = \$40.25, 2.4m = \$41.25

Strainers/gate post supports: 160mm round - 1.8m = \$117.98, 2.1m = \$137.50, 2.4m = \$157.95, 2.7m = \$178.20

Per container basis ex port Tauranga/Auckland + freight and GST

**Manufacturer/Distributor:**

Manufacturer: Australian Composite Technology, Melbourne Australia, (+61) 3 9305 1599, info@plasmar.com.au, www.plasma.com.au

Distributor: Pali Posts Ltd/Peter Iremonger Trading, Ph/Fax: 03 3181344, Mobile: 027 6451894, pitrading@actrix.co.nz,

www.pitrading.co.nz or www.paliposts.com



# Steel



## Grapepost

Galvanized steel post.

Smooth galvanized steel, consistent specifications, no ground leaching, low maintenance, lightweight but strong, less breakages when mechanically harvesting, infinite height adjustment and repeat use, fully recyclable

**Installation:** Pneumatic and hydraulic post driver, vibrating head on digger unit.

**Ground durability:** Up to 20 years depending on ground conditions. If large individual order received ground testing may be undertaken and warrantee given.

**Sizes available:** 1.15 mm wall thickness-72mmx45mm oval (Ultra/intermediate post), 1.15 mm wall – 51mmOD round (Ecopost), 2.25mm wall – 72mmx45mm oval (strainer post).

**Application/Suitability:** Agricultural, Viticulture, sheep, beef, deer

**Associated products:** Clips, end caps, post rammers cover, braces, deadman tiebacks

'ITM Agbeam' – currently have horizontal support pergolas for kiwifruit and have steel posts in development

Contact Eric Lindsey Ph 021 441723

**Size/Prices:** Viticulture (incl. clips)

Intermediate post: 2.1m Ecopost = \$8.90, 2.4m Ecopost = \$9.90, 2.1m Ultrapost = \$10.90, 2.4m Ultrapost = \$12.20

Strainer: 2.1m Ultra strainer = \$19.00

Fencing: 1.8m Ecopost = \$6.40, 2.8m Ultrapost = \$12.10

Ex Hamilton Factory, plus freight and GST

**Manufacturer/Distributor:**

Industrial Tube Manufacturing Co Ltd, Keith Guest, Mobile 021 965 628, Ph 07 8475 333, Fax 07 8478 502, sales@steeltube.co.nz, www.steeltube.co.nz



### Applepost

Galvanized steel post.

Smooth galvanized steel, consistent specifications, no ground leaching, low maintenance, lightweight but strong, less breakages and twisting, infinite height adjustment and repeat use, fully recyclable

**Installation:** Pneumatic and hydraulic post driver, vibrating head on digger unit.

**Ground durability:** Up to 20 years depending on ground conditions. If large individual order received ground testing may be undertaken and warrantee given.

**Sizes available:** Used in trellis systems when growing dwarf trees or similar

1.55 mm wall thickness - 76mm OD round, or 1.55 mm wall thickness - 101mm OD round .

**Application/Suitability:** Horticulture.

*Note: Research is currently underway to see if addition of a foot or similar could lead to adaptation of this product for use in the kiwifruit area (to accommodate required weight loadings in the sector)*

**Associated products:** Clips, end caps, post rammers covers

**Size/Prices:** 76mm OD - 3.6m post = \$24.90, 101mm OD - 3.6m post = \$32.90 Ex Hamilton Factory, plus clips, plus freight and GST.

**Manufacturer/Distributor:**

Industrial Tube Manufacturing Co Ltd, Keith Guest, Mobile 021 965 628, Ph +64 7 8475 333, Fax+64 7 8478 502, sales@steeltube.co.nz, www.steeltube.co.nz



### GREENSPAN® Posts

Steel with plastic coating.

Steel tube with polyethylene coating. Tapered plastic point screwed on bottom. BioGro approved. Long lasting, fully recyclable, strong - do not break with mechanical harvest, non toxic, NZ made, fully insulated.

**Installation:** Ground must be ripped or spiked prior to driving post. Pneumatic and hydraulic Post driver.

**Ground durability:** 20 years + depending on the soil type

**Sizes available:** 73mm diameter, high tensile galvanized steel tube & high density polyethylene tube coating.

**Application/Suitability:** Viticulture, pastoral, horticulture

**Associated products:** Plastic post cap, Clips – Vine star super clip (auto release clip), Greenspan clip

**Size/Prices: Intermediate post:** 1.8m = \$23.00, 2.39m = \$30.00 + Freight and GST ex Blenheim.

**Manufacturer/Distributor:**

Manufacturer: GREENSPAN®, sales@greenspan.co.nz, www.greenspan.co.nz

Distributor: Macky Neame Ph 03 577 8996, sales@greenspan.co.nz, www.greenspan.co.nz



### Steel Posts and strainers

Expanded foot for stability. Rolled end for in-built net protection. Engineered clips for easy installation. No nails or screws required.

**Installation:** Mechanically driven or hand driven with a post rammer.

**Ground durability:** 20 years plus

**Sizes available:** Tube is 63.5mm in Diameter, with other sizes by request.

**Application/Suitability:** Viticulture

**Associated products:** Ground Retentions Flanges, Rotalock clip, AgBeam tube-for hanging kiwifruit. Fixed by nail, screw or steel band. 10.0 metre lengths or other sizes by request (recommended retail per metre = \$5.80 incl GST)

**Size/Prices:** 2.1m = \$11.25, 2.4m = \$12.50, Clips \$0.10c each, Ground Retention Flange \$3.00 each, Strainer Post assembly \$ 55.00. All prices + GST but negotiable with volume.  
Price on application from PGG for all components.

#### Manufacturer/Distributor:

Manufacturer: New Zealand Tube Mills, Phone: 04 576-1883, Fax: 04 568-9153, Toll Free : 0508 NZTUBE, sales@nztubemills.co.nz

Distributor: PGG Wrightson, Fruitfed local branches



### Vee Post

Easy to handle and install. Strong. LLP protection- anti corrosive application prolongs the life 500x. No nails, clips staple required. Versatile.

**Installation:** General purpose hand held post driver, Ram hand driver, pneumatic and hydraulic post drivers.

**Ground durability:** 15 to 20 years

**Sizes available:** 1.8m – 2.7m in 300mm increments, 1.5mm thick galvanized steel.

**Application/Suitability:** Agriculture, Viticulture

**Associated products:** Vee post sleeve, mac attach, mac cap, mac rig, anti sink plates, anti lean plates

**Size/Prices:** 1.8m = \$11.00, 2.1m = \$12.20, 2.4m = \$13.50, 2.7m = \$15.00. All Ex factory + GST.

#### Manufacturer/Distributor:

Manufacturer: R.C Macdonald Ltd

Distributor: Barry Bunting, 0508 Fences, 03 3778406 or 021 895063, www.trellisingsolutions.co.nz



### Ramshead Post

Easy to handle and install. Strong. LLP protection- anti corrosive application prolongs the life 500x. No nails, clips staple required. Versatile.

**Installation:** General purpose hand held post driver, Ram hand driver, pneumatic and hydraulic post drivers.

**Ground durability:** 15 to 20 years

**Sizes available:** 1.8m – 2.7m in 300mm increments, 1.5mm thick galvanized steel.

**Application/Suitability:** Agriculture, Viticulture

**Associated products:** Vee post sleeve, mac attach, mac cap, mac rig, anti sink plates, anti lean plates

**Size/Prices:** 1.8m = \$19.80, 2.1m = \$23.30, 2.4m = \$25.30, 2.7m = \$27.50. All Ex factory + GST.

**Manufacturer/Distributor:**

Manufacturer: R.C Macdonald Ltd

Distributor: Barry Bunting, 0508 Fences, 03 3778406 or 021 895063, [www.trellisingsolutions.co.nz](http://www.trellisingsolutions.co.nz)



### Vale Steel Posts

Clean Skin. Long life steel now available. Available in 1.5mm thick high tensile galvanized steel.

**Installation:** Pneumatic or hydraulic Post driver, Auger or vibrating head.

**Ground durability:** Up to and beyond 30 years

**Application/Suitability:** Viticulture, total trellis solution

**Associated products:** Post extensions

**Size/Prices:** 1.8m, 2.1m, 2.4m, 2.7m price range from \$11.00 to \$18.00 + GST.

All pricing based on minimum quantities of 1000 posts and final destination calculations.

**Manufacturer/Distributor:**

Steve Lyons RURALit, Christchurch), Mob (021) 240 2940, [steve@ruralit.co.nz](mailto:steve@ruralit.co.nz)

## Fibreglass



### Fibrepost XT

Plastic/ Fiberglass Y post.

Standard NZ pre drilled hole spacing, pointed at driving end, fire retardant, easy to transport, no insulators needed, UV stabilised, Anti Fungus/Anti mould, will not corrode, rot or leach chemicals. Solid post (not hollow).

**Installation:** Hand held post rammer Pneumatic and hydraulic Post driver.

**Ground durability:** 20 years + depending on ground conditions

**Sizes available:** Recycled - 70% post consumer waste/fiberglass composite, Traditional Y post shape.

**Application/Suitability:** Viticulture, Kiwifruit, Agriculture.

**Associated products:** Use screws to secure additional wires

**Size/Prices:** 10 posts per bundle, 200 posts per pallet

1.50m = \$6.35 each, 1.80m = \$7.32 each, 2.1m = \$8.95 each, 2.4m = \$10.30 each, 2.8m = tba.

Plus GST. Freight negotiable depending on quantity required.

**Manufacturer/Distributor:**

Empak Distribution (Horticultural component of AgPac), P O Box 36084, Christchurch, Ph 03 3386296, Fax 03 3386297, sales@empak.co.nz, sburns@empak.co.nz

### Please note:

Alternative timber treatment methods that are non Copper Chrome Arsenic (CCA) are beyond the scope of this resource currently therefore have not been included.

No comparison has been made on the value or the suitability of any individual product to be 'fit for purpose'. This decision is the reader's own.

**Please note:** This list has been prepared on the basis of information provided to the author, and may not be exhaustive.

It has been compiled in consultation with organic sector groups, industry bodies and the writer's research. If a product is not in this resource it may be for a number of reasons including but not limited to:

- Failure of supplier/contact to get back in time for inclusion
- Removal from the list due to unacceptability under USDA NOP regulations
- The writer was not aware of the product at the time of publication
- Product may not be currently available in commercial quantities

It is intended that this resource may be added to as further products become available. Please contact Heather Atkinson with further products for consideration or for any feedback or amendments to this resource

Email: heather.atkinson@oanz.org.nz. Phone 06 3077838 Mobile 027 3035334

## Other Companies actively pursuing alternatives to CCA treated timber:

### **Sustainably Milled Australian Hardwoods**

Beechmark is 100% NZ owned and operated. Currently specialize in promoting sustainable harvested native Beech, hardwoods, naturally durable, salvaged and recycled timbers. They are actively looking at entering the market for sustainably milled Australian Harwood posts and timbers for this market.

**Company:** Beechmark

**Contact details:** Sean McNulty, National Sales & Marketing Manager, Freephone 0800 23324 6275, Mobile 027 621 2363, [sean@beechmark.co.nz](mailto:sean@beechmark.co.nz), [www.beechmark.co.nz](http://www.beechmark.co.nz)

### **Ground durable eucalypts**

Research has commenced on a range of ground durable eucalypt species with the success of a recent Sustainable Farming Fund application.

**Company:** New Zealand Dryland Forests Initiative

**Contact details:** Paul Millen, Project Manager NZDFI, Ph 03 5741001, Mobile 021 662147, [p.millen@xtra.co.nz](mailto:p.millen@xtra.co.nz)

### **Cold rolled UltraSTEEL™**

Rolled using the UltraSTEEL™ process, making it 20% stronger and requiring 20% less material than plain steel for the same performance.

Dimpled surface allows for 22% extra soil contact, ensuring stronger anchoring. Vertical array of tags to support vine wire. This product has been designed to accommodate all vine and fruit growing terrains.

This product is currently only available in Europe, New Zealand prices and distributors are not yet in place but are actively being worked on.

**Company:** The Hadley Group: <http://www.hadleygroup.co.uk/Home.aspx>

**Contact Details** Mark Williams, Sales Manager, Ph: +44(0) 121 555 1310, Mobile: +44(0) 7872 821613, Fax: +44(0) 121 555 1311, [mark.williams@hadleygroup.co.uk](mailto:mark.williams@hadleygroup.co.uk)

## Certifier Suitability Feedback:

**Please note:** All inputs to the USDA NOP certified property must have prior approval in your Organic Management Plan before use.

<b>Product</b>	<b>BioGro</b>	<b>AsureQuality</b>
<b>Eucalyptus Globoidea Post</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Wallaba Posts</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Australian Hardwood</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Pali Posts</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Ecobatn 25</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Advanced Plastic Recycling</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Plastic Pole Vault Pty Ltd</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Plastic/Wood Fence Post</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Plasmar Fence Posts</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Grapepost</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Applepost</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Greenspan posts</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK

<b>Steel Posts and strainers</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval	OK
<b>Vee Post</b>	We need to assess the formulation of LLP protection	Should be OK so long as anti-corrosion application isn't a toxic substance
<b>Ramshead Post</b>	We need to assess the formulation of LLP protection	Should be OK so long as anti-corrosion application isn't toxic substance
<b>Vale Steel Posts</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK
<b>Fibrepost XT</b>	From the information supplied it appears to be a compliant material but because the company is not BioGro certified we will need to assess the source and manufacturing process before issuing approval.	OK

Compiled by Heather Atkinson on behalf of Organics Aotearoa New Zealand (OANZ), 5 July 2010.