



# A24 SUCCESS GUIDE FOR RATS

Johnson Group is the sole distributor of goodnature® in Hong Kong

 2481 3988

 [enquiry@johnson-group.com.hk](mailto:enquiry@johnson-group.com.hk)

 [www.johnson-group.com.hk](http://www.johnson-group.com.hk)


## OUR VISION

New Zealand will one day be pest-free. Throughout the country and around the world, thousands of Goodnature self-resetting traps are delivering effective, time-saving and humane pest control. Goodnature traps protect agriculture, wildlife and private property from the destruction and disease caused by introduced predators without the use of toxins. That's good for nature.

[www.goodnature.co.nz](http://www.goodnature.co.nz)

 CONTAINS NO TOXINS

 SAFE AROUND PETS & BIRDS

 DESIGNED AND MADE IN  
AOTEAROA, NEW ZEALAND

## KEYS TO SUCCESS

While our traps are truly awesome, you – the trapper – are still the most important part of the system. It's important that you understand the following steps because they are all key to your trapping success.

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If you're not a read-the-manual type, then go to [www.goodnature.co.nz](http://www.goodnature.co.nz) and see our great range of videos.

### SMIFF SNIFF

Targeted long life lure automatically dispensed to attract rats into trap.



### KAPOW!

Rats move the trigger to get to the lure, firing the trap.



### AUTO-RESET

The trap clears and resets immediately after an A-Class humane kill.



### SMIFF SNIFF...

Automatic Lure Pump continues to attract rats for constant control.



### SCAVENGED

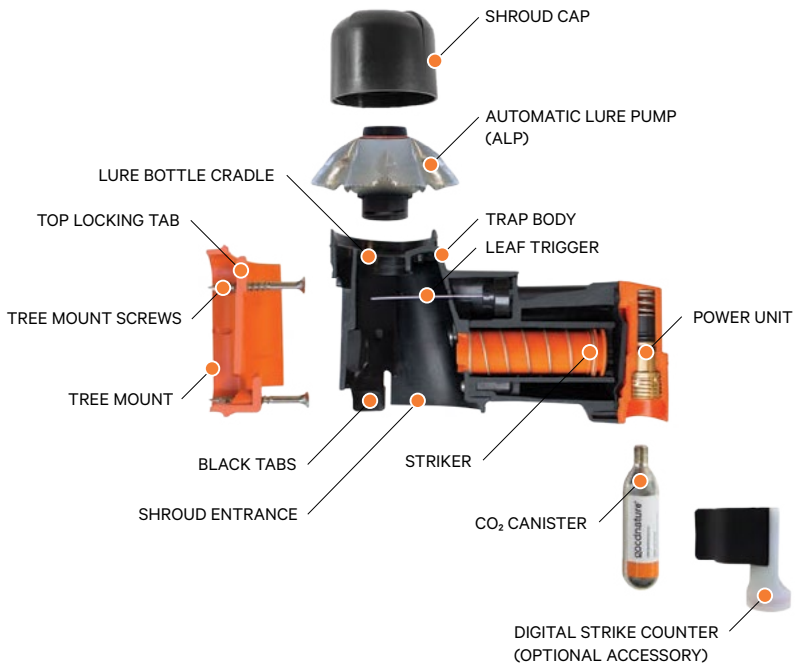
Different species scavenge the dead carcasses from below the trap.



[www.goodnature.co.nz](http://www.goodnature.co.nz)

[www.johnson-group.com.hk](http://www.johnson-group.com.hk)

# YOUR TRAPPING SYSTEM – A24



## GOODNATURE CONSTANT CONTROL SYSTEM

CONGRATULATIONS! You are now the owner of the world's most advanced pest control technology. Goodnature's self-resetting trapping system is designed so that your trap waits for the pest to activate it, instead of waiting for you to clear and lure it after each strike. We call this a **CONSTANT CONTROL SYSTEM** – one that knocks down the existing rat population and is always available to manage the inevitable reinvasion.

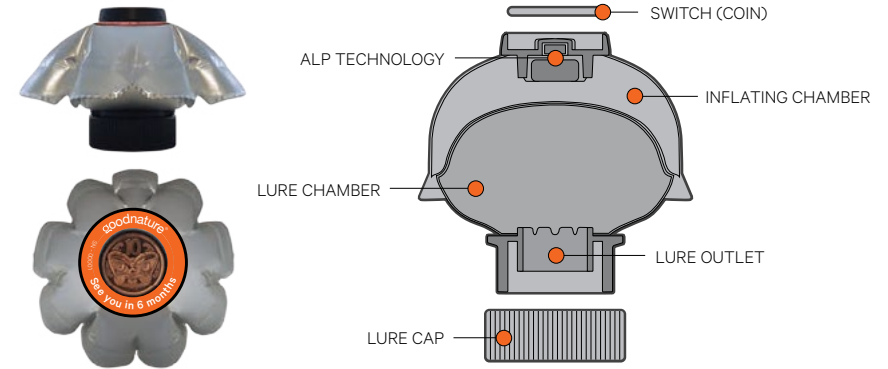
Using compressed CO<sub>2</sub> gas for power, Goodnature technology combines superb design engineering principles and behavioural science with the highest manufacturing standards to deliver a trap that will kill up to 24 times per canister – the A24 Rat Trap.

Our lures are scientifically developed to be long life, ensuring optimal field performance for minimal maintenance effort. In fact with our Automatic Lure Pump, you only need to maintain your A24 Rat Trap twice a year. The ALP ensures there's always fresh lure for constant attraction.

This Success Guide is developed so you get the best information to analyse your site and then get the best results. We hope you enjoy it and furthermore we appreciate any feedback you'd like to give us via our website – [www.goodnature.co.nz](http://www.goodnature.co.nz)

Happy trapping!

# THE ALL NEW AUTOMATIC LURE PUMP

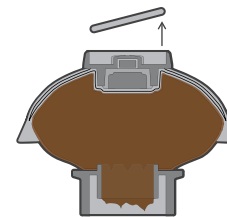


## FRESH LURE FOR 6 MONTHS

The ALP is a paradigm shift in pest control through automating lure delivery. The ALP means your Goodnature A24 rat control networks need only 2 visits per year to achieve the same constant suppression of rats. Simply set your A24s, screw in the CO<sub>2</sub> canisters, install the ALPs and then walk away knowing your traps are now constantly attractive and ready to strike invasive pests.

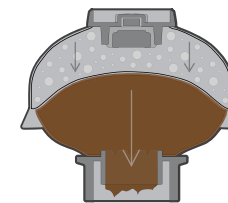
project or spend more time bird watching, controlling weeds, planting trees and educating the next generation. If your efforts are in the domestic realm, you can sleep easy knowing rodents aren't gnawing wiring, breeding in your midst or destroying your assets. Either way, sit back and relax knowing the latest technological leap in pest control is constantly working away.

It's up to you what you do with all that spare time. If your trapping is for conservation you can expand your



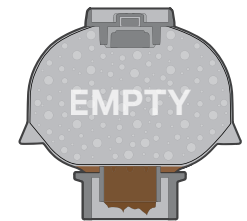
### INSTALL

Activate the ALP technology by removing the coin



### 3 MONTHS

Gas is generated in the upper chamber forcing lure out of the lower chamber



### 6 MONTHS

Once all the lure is forced out it is time to replace your ALP



# TRAPPING NETWORK

## NETWORKS OF TRAPS

Whether you're doing rat control for conservation or to protect domestic sites, the best results are achieved when you have a network of devices in place. It's the best way to prevent reinvasion because you've increased the chances of every rodent encountering a trap. The principles are similar wherever you're trapping.

## CONSERVATION NETWORKS

Effective conservation projects are about steady and organised management of a network. Here are some general guides for groups and persons wanting to set up a conservation network:

### TRAP DENSITY

Rat networks should consist of trapping lines 100m apart with A24s spaced at 50m along those trapping lines. Population density of rats is determined by food availability. Rat home-ranges in New Zealand forests tend to be about 50-100m in radius, depending on the forest type. 2 traps per hectare is DOC best practice for rat control.

### WORK WITH THE CONTOUR

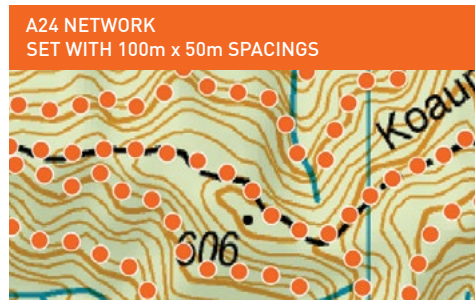
While adhering as best you can to the prescribed network density, you should use the contour and any existing track infrastructure to make your layout easy. It will also help when it comes time to do your 6 monthly maintenance rounds.

### MARKING AND PLOTTING

Use flagging tape to mark your trapping lines so it's easy in the future for you and your team to find their way through the bush during the 6 monthly maintenance rounds. If you have a GPS device then plot the location of each of your traps as well.

### BROADEN YOUR CONTROL

Creating great habitat for our native birds means making a healthy forest.



Therefore build possum control into your network with Goodnature A12s (set at 100m x 100m spacings) and target some of your A24s for stoats using Goodnature's stoat formula. You should have 1 x A24 trap targeted for stoats per 10 hectares.

### MONITORING SUCCESS

It can take a couple of breeding seasons to start seeing the fruits of your labour. A very easy way to see your impact is to observe what's on the forest floor – the presence of seeds, seedlings and fungus are all great indicators. You can use Goodnature Counters to gather data, but be aware that Counters only show trap activity – they are not a measure of rat abundance. Department of Conservation science has repeatedly demonstrated that Goodnature trap networks are highly effective and efficient in recovering native species populations because they provide constant control.

## DOMESTIC NETWORKS

### Don't have a one-trap mind!

While you may not be protecting hundreds of hectares of native forest, having networks at home, on the farm or at work will enhance your success. Bear in mind that food distribution varies greatly in these settings and, because of this, rat home ranges will vary as well. Therefore it's essential you use Goodnature Rodent Detector Cards before establishing your domestic A24 network as they enable you to find the best places to install your traps. See the opposite page.

# FIND THE BEST TRAPPING LOCATIONS

## USE DETECTOR CARDS BEFORE INSTALLING YOUR TRAPS

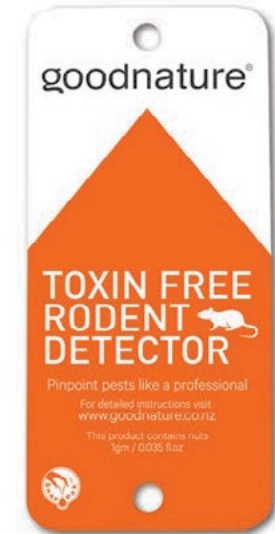
Goodnature's RODENT DETECTORS pinpoint the best place to put your A24 traps. Place them around a site, and where rodents have gnawed on them, they've shown you a place where they will interact with the lure and can therefore be trapped. See the installation instructions on the next page.

### WHY GOODNATURE DETECTORS WORK

Although you may see signs of rodents such as droppings, diggings and worn runs through foliage, or even sight them scuttling regularly in places; these are not necessarily locations where a rodent can be trapped. Rodents will only investigate food - and therefore a trap - in places where they feel safe. Goodnature's RODENT DETECTORS contain toxin-free LONG LIFE LURE, which also helps to pre-feed your sites.

### USE DETECTOR CARDS IN THE FUTURE TO:

- Monitor and assess the effectiveness of your current trapping programme; or
- Find a new location to shift an existing trap to.



SOME SITES ARE TRICKY. PUT YOUR A24 WHERE RATS HAVE GNAWED ON THE DETECTORS.



# CONTINUED...

## SET THE DETECTOR CARD

Fold a DETECTOR CARD in half with the orange triangular DETECTION SURFACE facing out.

You should see the Goodnature Rodent Lure squeeze out below the orange triangular DETECTION SURFACE. The DETECTOR CARD is now primed and ready to set.

Position the DETECTOR CARD so the bottom edge is fist height (roughly 8 cm) off the ground. The orange triangle DETECTION SURFACE should be facing out.

Drive the supplied SCREW through both holes in the card and into the tree, post or wall behind it.

The SCREW should be in firmly but take care not to force the card flat against the tree. If necessary pull the bottom edge of the DETECTOR CARD a few millimetres away from the tree or post. This allows rodents to get their mouths around the card and leave bite marks on the DETECTION SURFACE.



## DETECT FOR 3 NIGHTS

Leave your DETECTOR CARDS in place for three nights before analysing.

If you have rodents that are interacting with the DETECTOR CARD you will see teeth marks on the DETECTION SURFACE.

See the opposite page ('IDENTIFYING BITEMARKS') to analyse who's been interacting with your DETECTOR CARDS.

Set your Goodnature multi-kill traps at the exact same sites where rodent interaction has been positively detected.

**You've now found the best sites to set your traps.**



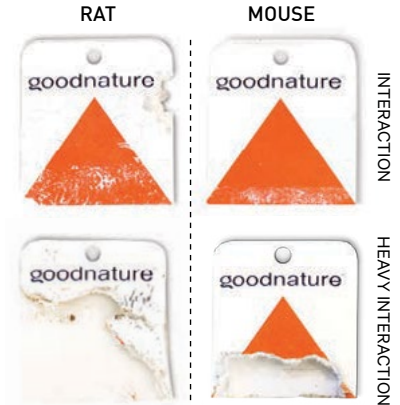
# IDENTIFYING BITEMARKS

## PEST BITEMARKS WILL PINPOINT THE PERFECT TRAPPING SITES

Goodnature RODENT DETECTOR CARDS identify pests by their unique bite marks.

RATS and MICE are meticulous nibblers. They will often focus on one area, occasionally removing some plastic. A longer jaw length allows rats to mark further into the DETECTION SURFACE from the edge than mice.

HEAVY INTERACTION – The key difference between rat and mouse bite marks is that mice have small teeth and jaws that leave very fine marks with a neat finish. Conversely, rats leave a rougher finish and you may see confetti-like litter beneath the card on the ground. Rats can also completely destroy the card with their gnawing.



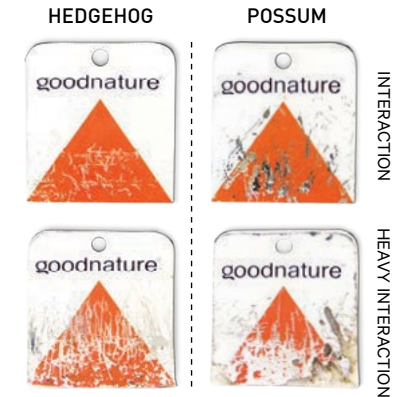
## OTHER BITE MARKS YOU MIGHT SEE

HEDGEHOGS (which are also a predatory pest) have sharp canines and will leave pointed, clumsy bite marks on the DETECTION SURFACE. The A24 is effective for trapping hedgehogs.

POSSUMS have two large front incisors in their upper and lower jaws. With aggressive behaviour they scratch large areas of the DETECTION SURFACE and even bend the DETECTOR CARDS.

If you detect possums you need the Goodnature A12 multi-kill possum trap. The A24 trap will not kill possums.

NO RODENT INTERACTION - Either rodents are not present at this site or it is located where they will not interact with the lure and device. Try waiting a few more days or moving the card to a different location.



# SETTING YOUR TRAPS

## 1. SEPARATE THE TREE MOUNT FROM THE TRAP BODY

Separate the orange TREE MOUNT from the TRAP BODY by using the forefinger and thumb to press the BLACK TABS inwards and easing the MOUNT along and off the BODY. Remove the two TREE MOUNT SCREWS from the TRAP BODY and the CO<sub>2</sub> CANISTER from the TREE MOUNT.



## 2. ATTACH THE TREE MOUNT

You will need a screwdriver. With the TREE MOUNT base 12cm above the ground, screw the mount to the trunk or post so the screws are vertically aligned. Do not overtighten.

- Choose a straight tree with clear footing
- If Weka are present, set trap 100cm from the ground or purchase our WEKA EXCLUDER



## 3. ATTACH THE TRAP BODY TO THE TREE MOUNT

Tilt the TRAP BODY backwards slightly and lower it onto the TOP LOCKING TAB of the TREE MOUNT. As you press downwards the TRAP BODY will be guided in toward the MOUNT and lock in with a click. The TRAP BODY and TREE MOUNT should then be firmly in place and not wobble on the tree.



## 4. POWER/PRESSURISE THE TRAP

Take the CO<sub>2</sub> CANISTER, remove the black cap and be careful to keep the screw thread clean and free of debris. Screw the canister in quickly until firm. As it screws in you may hear the trap quietly pressurise after the seal is broken. Hand tighten only.



## 5. ATTACH THE DIGITAL STRIKE COUNTER

**IF you purchased a Counter with your A24**

Wet the inside of the Counter's RUBBER STRAP for lubrication. Rotate the Counter anticlockwise as you ease it up the canister. The canister's curved base should nest in the Counter's rear groove. **The Counter display must face directly away from the tree.**



## 6. ZERO THE COUNTER

Zero the Counter by pressing the button and holding it down until the display shows '00'. The Counter goes to sleep a few seconds after the button is released.



## 7. TEST-FIRE YOUR TRAP

To test fire your trap reach a pen (or twig) down through the LURE BOTTLE CRADLE and push the LEAF TRIGGER (i.e. the steel wand) sideways. The STRIKER will discharge with a bang and then slowly retract.

Warning: Always keep your hands clear of the SHROUD ENTRANCE and treat the trap as live.



## 8. ACTIVATE THE ALP

Remove the 10c coin from the top just before you put it into the Shroud Cap. This activates the Automatic Lure Pump (ALP) technology which will last for 6 months. Pocket your coin for a 10c discount on your next Goodnature purchase. Do not remove the Lure Cap from the ALP yet. **Important! It is vital you remove the coin or the ALP will not activate.**





## 9. NEST INTO SHROUD CAP

With the ALP activated, use your thumbs and forefingers to shape the ALP into the SHROUD CAP's form. It will be a tight fit.

NOTE: Be careful not to push it in too far. Align the ALP so that the skirting sits about 3mm proud of the SHROUD CAP rim so it can screw into the LURE CRADLE thread.



## 10. REMOVE LID

Now remove the LURE CAP. A small amount of lure may be forced out. That's fine – there's still enough lure for 6 months. Use the excess lure as pre-feed by wiping it below the trap to immediately attract any hungry rodents.



## 11. SCREW ALP INTO LURE CRADLE

Lightly place the SHROUD CAP with the ALP into the LURE CRADLE and screw it two full clockwise rotations. This ensures the ALP is screwed into the lure cradle firmly.



## 12. SECURE SHROUD CAP

Once the ALP is screwed into the LURE CRADLE, apply light downward force on the SHROUD CAP until it engages with the thread and screw until tight. The ALP is now set and active!



## 13. RECORD INSTALLATION DATE

Your ALP will need replacing in 6 months time. Make a note of the installation date so you remember when to replace it (along with the gas canister). There's no need to handle the ALP until it needs replacing. From mid-2017 you can use our new Goodnature App to better manage the maintenance of your traps.



## 14. CHECKING THE COUNTER

To check the tally on the Counter, quickly press and release the button. The display will show the number killed. NOTE: Pressing and holding the button down zeroes the Counter.

See Page 23 for WARNINGS & WARRANTY.



## 15. EVERY SIX MONTHS — REPLACE THE ALP & GAS

Remember, Goodnature traps are about constant control. Make sure you stick to the 6 monthly maintenance regime of replacing your gas and lure (ALP). 6 months will pass soon enough, so make sure you have gas and lure on-hand for ongoing success.



## 16. NEW A24 TRAP STAND

Our new A24 Trap Stand is an accessory that gives you flexibility to target a greater range of areas and the ability to fine tune your network by being able to shift your trap easily.

For more information visit [www.goodnature.co.nz](http://www.goodnature.co.nz)



# COMPLEX TRAPPING SITES

## UNDERSTAND WHY

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When it comes to domestic situations, some trapping sites are more complex than others and require you to do some further analysis to ensure you get success with your traps. This section covers off understanding rats, how to analyse your site and steps toward success.

## RODENT BEHAVIOUR

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### SENSE OF SMELL

Rats have an excellent sense of smell. They can analyse the nutritional content of food determining fat, protein and carbohydrate composition.

### LEARNING ABOUT NEW FOOD SOURCES

Rats can take time to "cotton-on" to a new food source. When they encounter a new food source they taste a small amount and then go away to see if it makes them feel sick. They repeat this process until they've decided the new food source can be trusted.

### FOOD PREFERENCE

It follows that once rats have a trusted food source, it takes some effort to get them to try something new. It's a bit like when you want fish 'n' chips on a Friday night... you're going to go past the burger bar and the pizza restaurant.

### SOCIAL NATURE

Another thing about rats is that they're social. When they meet, they touch noses and in doing so they use that excellent smell sense to see what their companion has been eating lately.

All of these traits make rats very successful at establishing themselves.



## ANALYSING YOUR SITE

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We humans create great habitat for rats – in fact, wherever there are humans, there are rats. Having taken in the behavioural information above, you need to think about the habitat **you** have created for rats.

### FOOD COMPETITION

Food competition is the biggest barrier to success. Things like compost bins, dog biscuit bags, food stores and poultry feeders all provide excellent food sources for rats.

### THINKING LIKE A RAT

When you have these situations you have to disrupt their routine in order to raise your prospect of success.

## STEPS TO TAKE

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Ask yourself the following and take affirmative action

1. Do I have a constantly available food source?
2. Can I better secure or eliminate the food source?
3. Can I shift that food source to another location?
4. Can I temporarily stop the food source? In the case of compost bins get a large bucket and store your new compost in it elsewhere for 3 weeks. They then search for new foods.
5. Is the food source seasonal? In this case then it's just a matter of time before the food source ceases and the rats begin to look for something else. Because you have Goodnature A24s in place they're constantly available to act.

## RODENT DETECTORS

Remember, a rat lives in a dangerous world and will only investigate a new food source when they feel safe to do so. It's an absolute must to use your Goodnature Rodent Detector Cards to detect the best place to put your trap – not (as some people think) to detect whether or not you have rats! Refer to page 7 for more information.

## BROAD PRE-FEEDING OF YOUR SITE

Use Goodnature's 250g Chocolate Formula for rats to pre-feed the site. Put up to a dozen pea-sized dabs of lure at ground level within a 20m radius of your trapping site. This helps to sign post the new food source. The knowledge of the new food source causes the rats to search for it... and that's when they'll find it in your Goodnature A24s.





# MAINTAINING YOUR TRAPS' SUCCESS

## EVERY SIX MONTHS — KEEP YOUR TRAPS CHARGED

### REPLACE THE GAS AND LURE BOTTLE EVERY 6 MONTHS

You must change the gas canister every 6 months regardless of how many kills you've sighted or counted. If your counter displays 24 strikes within 6 months you will have to change the canister earlier. To do this properly, follow steps 1–3 on 'SHIFTING YOUR TRAP' followed by steps 4–10 in 'SETTING YOUR TRAPS'.

### DE-COUPLE THE COUNTER AND THE CO<sub>2</sub> CANISTER 'DE-COUPLE' (Page 17)

### REMOVE OLD CANISTER 'DE-GAS' (Page 17)

### DE-PRESSURISE THE TRAP UNIT 'DE-PRESSURISE' (Page 17)

### NEW GAS CANISTER POWER/PRESSURISE THE TRAP' (Page 10)

### TEST FIRE 'TEST-FIRE YOUR TRAP' (Page 11)

### INSTALL NEW ALP 'STEPS 8–13' (Pages 11–13)



## KEEP A RECORD

Use this table, put a note in your calendar or use our new Goodnature App (to be released in mid-2017)... just don't forget!

	Date Installed	6 <sup>th</sup> Month Replacement	Trap Location
E.g.	06/03	06/09	Back of Garden Shed
Trap 1	_____	_____	_____
Trap 2	_____	_____	_____
Trap 3	_____	_____	_____

# SHIFTING YOUR TRAPS

## CONSTANT CONTROL

Rather than shift your traps, it is better to add to the trapping network and increase your pest free area – a Goodnature constant control network. If however, you need to move your trap or have found a better location for it, then it is very important that you follow the instructions below.

## HOW TO DO IT SAFELY

To shift the trap, first DE-COUPLE the Counter and then unscrew the current CO<sub>2</sub> CANISTER from the trap (i.e. DE-GAS). You may experience the noise of any remaining gas in the canister escaping, which may cause the canister to chill.

### WARNING:

Ensure the trap is DE-PRESSURISED before any new CO<sub>2</sub> CANISTER is installed. See steps below.

Although the CO<sub>2</sub> CANISTER has been removed the trap may still be live (pressurised) with one charge remaining in its chamber. To DE-PRESSURISE the trap, firstly remove the SHROUD CAP, unscrew the LURE BOTTLE, and fire the remaining charge in the trap by reaching a stick down through the LURE BOTTLE CRADLE and pushing the LEAF TRIGGER (i.e. the steel wand) sideways. The striker will discharge with a bang. Always treat the trap as live until you have de-gassed and de-pressurised it. Always keep fingers clear of the SHROUD ENTRANCE.

If the trap doesn't fire then it has run out of gas at some earlier point.

With the trap de-pressurised place your palm beneath the trap's entrance. Using your thumb and forefinger, squeeze the BLACK TABS of the TRAP BODY inward beneath the orange TREE MOUNT. With upward pressure ease the TRAP BODY up and off the orange TREE MOUNT.

Use Goodnature's RODENT DETECTOR CARDS to determine the best place to move your trap to. See the section named 'FIND THE BEST TRAPPING LOCATION' on Page 7.



# SHARE THE VISION

## AWESOME VIDEOS

You can check out the range of awesome and informative videos on our website:

[www.goodnature.co.nz](http://www.goodnature.co.nz)



## BUILD YOUR NETWORK & INCLUDE YOUR NEIGHBOURS

In the quest to make New Zealand pest-free, what's better than one Goodnature trap? Two Goodnature traps. What's better than your two Goodnature traps? Yours plus your neighbour's Goodnature traps.

If you think about it, there's a lot that can be achieved by banding together and creating a network to give native species a foothold and/or protect your assets. Speak with us and your neighbours to see what can be done to make New Zealand pest-free.

## SOCIAL MEDIA

Plug into the growing network of Goodnature users who share the vision that New Zealand will one day be pest-free.

 [www.facebook.com/goodnaturenz](https://www.facebook.com/goodnaturenz)

 [@nzgoodnature](https://twitter.com/nzgoodnature)

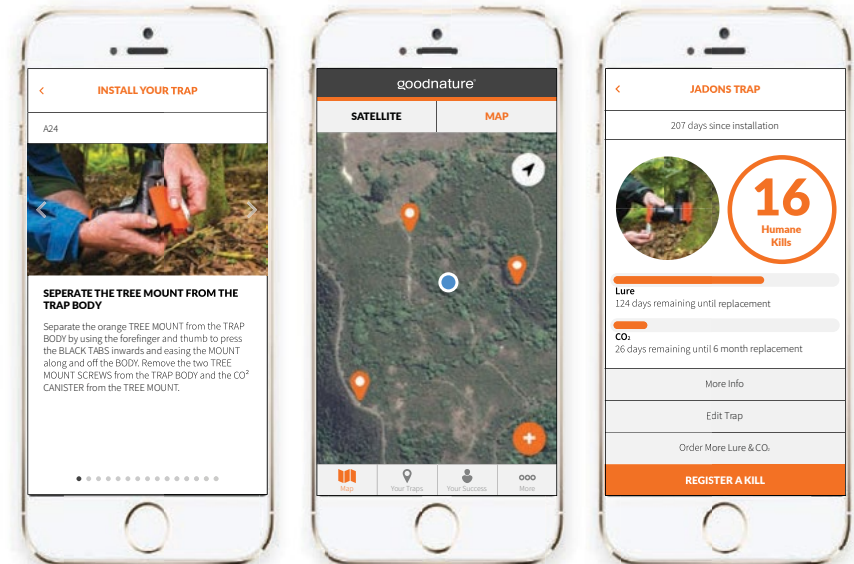
# GOODNATURE APP

## UPCOMING RELEASE

In mid-2017 we are launching the brand new Goodnature App. It is going to be an awesome way to better manage and interact with your traps in the following ways:

- Create schedules and alerts to help you maintain your traps for constant control and success
- Save your trap data so you know your impact
- Order gas, lure and traps for your network
- Access success tips on-site
- Keep up to date with latest tips and improvements
- See the activity of your community

While these features are designed to benefit Goodnature trap users around the world, the Goodnature App is a special step in our goal of enabling Kiwis to realise the New Zealand Pest-Free 2050 goal. That goal is an exciting part of a bright future for our unique and critically threatened native species.



## FREQUENTLY ASKED QUESTIONS - GENERAL

Trapping rats can be tricky at certain sites and situations. Go to our website to learn more about getting success.

[www.goodnature.co.nz](http://www.goodnature.co.nz)

### I ALREADY KNOW I HAVE RATS. WHY SHOULD I USE THE DETECTOR CARDS?

Where you see rats is not always the best place to trap them. RODENT DETECTOR CARDS will show you the best place to put your A24 traps, i.e. places where rats feel safe to eat. Watch our great video online about how to use these cards to maximise the effectiveness of your trap.

### WHY AM I NOT SEEING ANYTHING DEAD UNDERNEATH MY A24 TRAPS?

The killed pests are often scavenged and this is often the most likely reason. Other factors might be not closely following the site selection and/or setup and maintenance instructions advised in this booklet; or you are trapping in a complex site (as covered below). If you haven't already, you can purchase a Goodnature Digital Strike Counter to get a clearer picture of trap activity.

### I HAVE A TRICKY FOOD RICH SITE AND I'M STILL SEEING RATS.

See pages 14–15 for steps to take.

### ARE MY A24 TRAPS A DANGER TO PET CATS?

Goodnature's long life rodent lure is not attractive to cats. The shroud entrance is also too narrow for a cat to fit its head into, and the trap is installed 12cm off the ground to further prevent a cat interrogating the trap. It is extremely unlikely that a cat will trigger an A24 rat trap. Neighbourhood cats, however, are likely to remove dead rats and mice from below the trap!

### HOW DO I KNOW HOW MUCH CO<sub>2</sub> IS LEFT IN THE CANISTER?

You can't tell how much remains. You must change the gas canister every 6 months regardless of how many kills you've sighted or counted on your Counter. Think of it like the battery in your smoke alarm – you just want it to be charged when you need it most, hence why you change it regularly.

### IS THE A24 A DANGER TO NATIVE BIRDS?

To prevent any birds entering the trap, install at the recommended 12cm off the ground. This makes it difficult for a bird to enter. The only exception is where weka are present. In this case, install the trap 100cm off the ground or purchase a Goodnature Weka Excluder.

### CAN I SHIFT THE TRAPS WHEN THEY ARE LIVE?

No. You must de-gas and then de-pressurise the trap before shifting. See page 17 for instructions.

### HOW DO I USE MY A24 TRAPS TO TARGET STOATS?

Simply replace your Goodnature rat lure with Goodnature stoat lure. If stoats have been scavenging rats from your A24 trap then now is a good time to target them.

## FREQUENTLY ASKED QUESTIONS - STRIKE COUNTER

### MY COUNTER SHOWS A NUMBER, BUT I HAVEN'T SEEN ANYTHING DEAD.

We get this question a lot. Scavenging is really common – even if you don't expect it. Rats, stoats, cats, birds, pigs and dogs scavenge dead critters from below Goodnature traps. We had a customer like this who filmed and counted 20 kills before he saw his first dead animal.

### HOW LONG DOES THE BATTERY LAST?

The battery should last for up to 5 years. The device spends most of its time sleeping as it only uses power when the trap strikes or when you check the tally.

### WHAT DO I DO WHEN THE BATTERY DIES?

When your Counter's battery dies, send it into Goodnature to be refurbished. NOTE: opening the Counter casing voids the Goodnature warranty.

### WHY IS MY COUNTER SHOWING KILLS ON IT WHEN I'VE GOT IT OUT OF THE BOX?

The Counter is set off by jolts and jolts are something that happen while your Goodnature Counter is making its way from us to you. See the section 'ZERO THE COUNTER' on Page 11 to learn how to zero your Counter.

### WHAT HAPPENS WHEN THE COUNTER GETS TO 99?

Firstly, you celebrate the success of constant control with your family and friends and then you zero the Counter because it stops counting once it gets to 99. See section 'ZERO THE COUNTER' on Page 11.

### HOW DO I PUT THE COUNTER ONTO THE TRAP?

See Step 5 of 'SETTING YOUR TRAPS' on page 11.

### HOW DO I GET THE COUNTER OFF THE CANISTER?

See the 'DE-COUPLING' section on 'SHIFTING YOUR TRAPS' Page 17.

### HOW MANY PESTS CAN I EXPECT TO KILL?

Every location will be different. Rat movements and populations vary throughout the year. Provided the trap is properly maintained (see Page 16) and located, it will always be ready and waiting as a constant control. Use Goodnature RODENT DETECTORS to locate other places to shift the trap to or grow your trap network to control a greater area.

### MY COUNTER STILL SHOWS '00', WHY IS THAT?

There could be a number of reasons for this. You could be accidentally zeroing the Counter when you check the tally (because you're holding the button down too long). See 'CHECKING THE COUNTER' on Page 13.

Other reasons could be that you haven't used RODENT DETECTOR CARDS to find the best place to put the trap (see 'FIND THE BEST TRAPPING LOCATION' on Page 7) or if you have done, perhaps you haven't observed our maintenance instructions (see 'MAINTAINING YOUR TRAPS' SUCCESS' on Page 16).

### CAN RATS OR POSSUMS SET THE COUNTER OFF ANY OTHER WAY?

This is unlikely, as the Counter is calibrated to tick over when there's a strong jolt such as the trap firing.



# FREQUENTLY ASKED QUESTIONS - AUTOMATIC LURE PUMP

## WILL THE ALP BURST AFTER THE LURE HAS RUN OUT?

No. The gas cell cannot generate enough gas to do this.

## I'VE HAD A LARGE AMOUNT OF LURE DROP TO THE GROUND AFTER INSTALLING THE ALP. DOES THAT MEAN THE ALP WILL RUN OUT BEFORE 6 MONTHS?

No. This can be common and doesn't affect the longevity and efficacy of the ALP.

## WILL THE ALP LURE SQUEEZE THROUGH AND TRIGGER THE A24 TRAP?

No. The viscosity of the lure means the lure drops away at weights too light to trigger the A24.

## CAN I PAUSE THE ALP PART WAY THROUGH ITS DEPLOYMENT?

No. Unless you replace the coin immediately, the ALP has been activated and deployed. It must run its 6 month course.

## CAN I TAKE OUT MY ALP TO TEST-FIRE MY A24 AFTER IT'S DEPLOYED?

Yes, you can. However we recommend keeping handling of the ALP to a minimum once it's deployed. Furthermore you should not need to test fire your A24 frequently, especially if you maintain our recommended 6 month gas and lure change plan. Only test-fire your trap if you have serious doubts as to whether it is still pressurised.

## CAN I REFILL MY ALP?

No. It's a single use device.

## WHAT'S THE SHELF LIFE OF THE ALP?

18 months on the shelf before needing deployment.

## ARE THERE ALPS FOR OTHER TARGET PESTS LIKE POSSUMS AND STOATS?

Presently there are not, though Goodnature is developing the system for stoats and possums. Stay tuned.

## CAN I USE THE ALP IN NON-GOODNATURE DEVICES?

There's no harm in doing this, but bear in mind that once a single action trap is set off, there's nothing stopping the next critter coming along and gorging themselves on a free feed.

## IS THE ALP RECYCLABLE?

No.

## HOW DO I RESPONSIBLY DISPOSE OF THE ALP ONCE IT'S SPENT?

The best way to dispose of the ALP is to remove and separate the gas cell from the device. To do this cut into the upper side of the ALP foil, roll the foil back to reveal the blue gas cell and then flick the cell out of its black plastic casing. Dispose of the gas cell at a municipal battery recycling facility. Dispose of the remainder of the ALP as you would any other household refuse.

## WILL THE ALP MAKE A MESS ON THE FLOOR?

Lure will extrude from the ALP onto the ground below the trap, so we advise you to set your A24 trap with that in mind.

# WARNINGS & WARRANTY

## WARNINGS:

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- Please be responsible with your automatic traps and use only as recommended in this success guide.
- Always treat your traps as LIVE and only install the CO<sub>2</sub> CANISTER when the trap is set correctly and ready to activate. Never assume the trap is empty or not live.
- Once the CO<sub>2</sub> CANISTER is removed, the trap may still contain enough pressurised gas to fire if triggered. Release this remaining shot by test firing the trap once before removing it from the TREE MOUNT.
- Only test fire the trap while the trap is set correctly. To test fire the trap see the section named 'TEST-FIRE YOUR TRAP' on Page 11. Always wear appropriate safety gear when setting and test firing a trap.
- Set traps at the height recommended in this success guide and be considerate of others when choosing the traps' location.
- Never put hands or objects in the entrance of the trap (SHROUD ENTRANCE). This can fire the trap and can damage the working components or cause injury.
- Never deliberately fire and re-fire the trap in quick succession as this can damage the internal seals.
- Use only Goodnature CO<sub>2</sub> CANISTERS in Goodnature traps. Goodnature 16 gram CO<sub>2</sub> CANISTERS are manufactured to the highest standard and have silicone added to lubricate the regulator and seals to increase the life of the trap. Using non-Goodnature CO<sub>2</sub> CANISTERS voids the product warranty.
- NEVER use a petroleum-based lubricant in your trap.
- Never engage in "horseplay" with the trap.
- Store CO<sub>2</sub> CANISTERS below 49°C
- Never shift the trap when it is live.

## WARRANTY

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The below warranty applies to purchases of the products in New Zealand. For purchases made outside of New Zealand please refer to our international warranty which can be found on our website under 'Technical Documents' - [www.goodnature.co.nz](http://www.goodnature.co.nz)

We are dedicated to delivering a quality product to all our customers. All of our products are warranted for two years from date of purchase against manufacturing defects.

If we determine that the product has a manufacturing fault, we will repair or replace it free of charge to you. The decision to repair or replace is solely at the discretion of Goodnature.

The product must have been purchased from an authorised Goodnature dealer and must not have been tampered with in any way.

Our manufacturing warranty does not cover claims resulting from misuse, abnormal use, installation

contrary to instructions, transportation damage (including airline or freight damage), dropped goods, negligence, product that has been dismantled (and/or re-assembled), second hand product or modified product (including use of CO<sub>2</sub> canisters not supplied by Goodnature). Our warranty also does not cover corrosion to fasteners as a result of atmospheric or environmental conditions.

Where the product is acquired for the purpose of the purchasers' business the exclusions for business within the Consumer Guarantees Act 1993 shall apply.

## OUTSIDE OF WARRANTY TERMS?

If your product is outside the two year warranty period or if the fault is not covered by the manufacturer's warranty, we will happily repair your product where possible for a reasonable charge. If your product is less than two years old and subject to a warranty claim please fill in the warranty form on our website.

# TRAP VISITS REQUIRED ANNUALLY IN CONSERVATION PROJECTS

## NEW TECHNOLOGY VS OLD TECHNOLOGY

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**Goodnature A24 with ALP**  
DOC best practice rat control



**2 Visits** - 6 Monthly CO<sub>2</sub> and ALP replacement

**DOC Traditional Trap**  
DOC best practice rat control



**34 Visits** - 12 daily checks at establishment and then fortnightly checks thereafter.

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