





'Not A SexyPlob'

Pest Control

1,000

burrows

were detected but year is public areas compared with 2014, and the Hellored

detected

Over 85 per cent

found in housing

estates by town councils

22.07.2015 星期三 Wednesday 农历乙未年六月初七

of Singapone's rate may be

ng their behaviour to adapt unging environment. Horway or sewer rat, for is, traditionally beginners to ground to make its house.

rever, with lingspore bemore built-up, pest rs of the rate slought living in or between building of other streatural defects quarter, that provide rodest arreices and the situation

we cent more enquiries rerate to the past year. Pest Control, which dealt rat importation in Bukit Ratrade the headlines last said 0, bandles meatly 60 month new, at increase at 65 per sent from 2013. general manager Bernard o increased. In the past, a ight want us to deal with

e one food shop that has

* Eals about 15g of food a stay and

* Will self arriving 3g of food a day and can survive without any additional water Draws, up to

* Length of head and body: 6cm-10cm

a Selatively trivil heat and head.

w Weight: Lity to 3the

and large eyes and ears

is Frauest in housess and front

stones, building to nest in walls, stoned goods, furniture and

"The member of raty has deli-

THE STRAITS TIMES! SATURDAY, 2 APR 2016

Thian Fob. Combined Temple, shows the rat traps around the temple. Temple unituminers said rat infestation has been a problem there since the middle of last year. BY PHOTO: OND WEE JAN

My Sim. a

unkonteer at See

increasing numbers of the rath living in gaps in or between hoteling states and other atractional defects.

Brat pack The rat infestation in Dukit Batok has thrown a spotlight on the rodents. Here are the three consumer rodents found in Singapore. Black rat (Rattus rattus) House mouse (Was

* Length of head and body: * Weight: 350g to 500g · Shard room, small sairs and thick

Without the species to be found in gapore's severs, although it abso fives in burrows. # This was the species found in

. Eats about 30g of food a day

* Length of head and body * Weight: 150g to 200g a Pointed note, large sers and sender fredy companed with the

· Marriy found in ports. a Otion climbs and is agile.

It rarely burrows and rarely appears outdoors in Singapore

buildings, such as could listed to each other or roogn and sproad farther

a month on average about rate communed to about 80 a recently on Its business developmen

nanagor Angela Toh said neveral have also requested more frequeut impections and extermina tim berirless

resurface escettily basis, but now, when they put out a tender, they want the impaction and endication to be done on a weekly or even in Bukit

Rodents spotted in Street 23 area, burrows found on vacant state land managed by HDB Ng Keng Gene

the See Thian Foh Combined Tem-

also received feedback about rat activity in an industrial estate in the Rats! It looks like Bukit Batok has area on Wednesday While NEA said rat control works an infestation problem set again. were carried out this week, the po-About a year after a major rat indents were still a problem yesterfestation on a hilly area near Bukit day at the temple, where the pests Batok MRT station in end 2004, rats

have been reported around Bolit. have been damaging property and eating food offerings. Barok Street 23 this and last week. Temple volunteers said yester-The National Environment Agenday that rat infestation has been a cy (NEA) said about 20 rat burrows were found along a footpath near

problem there since the middle of

Meanwhile, temple volunteer

said the temple has tried to keep the rodents at bay using various methods, including planting sticky

So far, 40 rats have been caught

in one round of operations, using

mounts such as glue boards or traps.

NEA investigations found that

the rodents involved are roof rats,

whose "main harbourage areas are

the trees on the vacant land". The

burrows on the ground are their hid

ing spaces when they are on the

NEA said it will continue to help

HDS with rat control operation

over the next few days. It added it

will also work with HDB to por in

place a tight not control regime.

ground foraging for food, it added.

商场更勤于防鼠

more self-versed in to bling bit in modified solichelder. I decluding next and to be vigilized. We next self-som models and food slary open laws models the raw, but plus go to some models in Badfall Class.

the source to stop the rote from to: Bode's Greened, Clement Assesse.

revisiting," be said.

It also revealed that he company the state being parties and being the state being parties and being a fairning man.

MMS/Whatsapp传想片: 91916194

所的假天花板发现鼠蹬, 引起关

9动公司生意。 Star Poet总经

according to Dr Chan, all it takes

But a temporary tests where their is from

col many controlle. The ret is all a richest names to

det a hubbling, dist hubblings within name or regular manufacture per room at risk of allowing way

a sense considerated appearable among

24小射新闻热线; 1800-8227288/91918727



Rat attack

eatery calls in pest control operator By CAMBLIN KIEW

of the latebox. Gaps were also

Batok

Restaurant

comes clean

NEA to take enforcement action as:

about dead rat

The finh, which will no longer by served, had to be cooked a day presiduations showed shirt out. Softers and could not be content disprings on the network's completely as the regulables

NEA has take the mediagness to ... This to ending up the unity point

serve as a "which warming" to DEA said operators of food or next operators to food," if which

"They aloned model on its cor- new their previous are clean and coulous load can be down on official about it." said 60; Chan. Ing regime and an effective peet, with the deposit year

Dengue fight leads to drop in new cases

100 fewer fresh cases last week, but figures still higher than usual

Linette Lai

has fallen sharply in the face of an all-out effort to stem the spread of the mosquiro-borne virus. Last week, there were 412 new cases, 100 cases fewer than in the

week before, though still significantly more than is normal at this Even in 2013 - when dening cas-

The number of new dengue cases

ex surged to an all-time high of 22,000 - only 247 cases were reported in the same period. On its website, the National Envi-

ponment Agency (NEA) advised people to keep up the fight against dengue, warning that the number of cases this year could exceed

The projection is based in part on the 5,000 new dengue cases detect- they are found to be breeding mos-



ir woold be stropping up its anti-dengue efforts, including training more than 5,000 additional grassroots volunteers to educate residents on

preventing mosquito breeding.

be lone this year.

it will also roll out another

The agency also announced

20,000 Gravitraps - placed in com-

mon corridors to trup mosquitoes-

deneue clusters were penalised. This was an apparent response to NEA's discovery of 50 per cent mere mosquito breeding sites in homes in lanuary, compared with numbers for the same month last year. As of Tuesday, there were 102 active dengue clusters in Singapore, where at least two cases were reported within 150m of each other

home owners will be fined \$200 if

the area bounded by Lorong Chuap. Ang Mo Kio Avenue 1 and the Centrail Exposarway.

Since the start of the year stop-work orders have been issued to construction companies at 19

This year's higher-than-usual dengue numbers are attributable to a change in the prevailing deagne virus, as well as warmer weather in recent months, which facilitates mos-

School of Public tional University

THE STRAITS TIMES

that dengue tend control because ing spotscan be e There may be sites that we don' said. "Take const example. They a each one is differe

Professor Pang says Singapore should give serious thought to making Dengviskla available here as soon as possible

due to the

public health

Developed by pharmaceutical

lieves Singapore should give serious thought to making this veccine

available here as soon as possible. "Even a partially effective vac-Last month, the National Environ vine is better than none," said Prof. Pang, who is a visiting professor at the Lee Kuan Yew School of Public Policy at the National University of

Dengue vaccine not foolproof but

better than none'

World's only vaccine can prevent eight in 10 admissions, nine in 10 cases of severe infection, says dengue expert

Linette Lai

"We have waited more than 40 years for this vaccine. How much longer dowe plan to wait?"

The world's only existing dengue vaccine is not perfect, and dengue

expert Tikki Pang is the first to ad-

mit that. It is only around 50 per

and 75 per cent effective against

Even then, Professor Pang be-

The available evidence, he added, suggests that the vaccine could prevent eight in 10 hospitalisations due to the mosquito-borne virus here, and nine in 10 cases of severe

company Sanofi-Pasteur, the new vaccine - called Dengvaxia - has children aged two to in years, in America Recently, it was approved for use

the Philippines and El Salvador. The World Health Organisation

ment Agency (NEA) worned that

In response, the authorities have Aerregard

These are among the many things

across 10 countries in Asia and Lat-

in four countries - Bearil, Mexico,

(W100) is currently studying the scicent effective against the two entific evidence in order to come strains most commonly found here, up with international recommendations for the vaccine's use. Here, the Hoalth Ministry and Health Sciences Authority, which regulates health products, have said they are "actively tracking" the vaccine.

> Singapore could see its worst dengue outbreak this year, with a perfect storm of factors threatening to push numbers over the 30,000 mark. These include the warmer weather - providing perfect breeding conditions for mosquitoes - as well as a switch in the predominant. demptoe strain

snepped up inspections and public education campaigns, and are also rolling out more traps to try and keep the mosquito population un-

The authorities have stepped up inspections (above) and public education campaigns, and are also rolling out more traps to try mesquita population under control as Singapore could see its worst dangue outbreak this year. PHOTO, ST FILE

fight against dengue, said Prof. dengue numbers and help to relieve their the virus will mutate and Pang, who was also director of research policy and cooperation at the W100 from 1999 to 2012.

"For example, physicians are very awace of how to take care of those who have dengue, and our mortali

tw rate is very low," he said. Singapore has also invested in dengue research, which will benefit

not just us, but the whole region. Even if the dengue vaccine is not foolproof, it would cut down on the

some strain on hospitals and general practitioners, as well as reduce the number of work days lost when eral years before they are ready. people are infected by the virus, Prof Pang said

"And secutypes (strains) change all the time. You cannot predict what's going to happen in six

months," he added. Many things are still unknown about the new vaccine, such as how long its protection will last or whe-

render the vaccine ineffective While a few other dennue vac cines are in the works, it will be sev

THURSDAY, MARCH 10, 2016 | THE STRAITS TIMES

You have to build this ship as you sail R." Poof Pung said. "Why? Because of the public health urgency. I'm the first to admit that (the vaccine) is only partially effective, but it's the best we have.

limettel@sph.com.sq.

Anti-dengue efforts stepped up as cases could hit 30,000

The Straits Times, Friday, 19th February 2016

Samantha Boh

A perfect storm of factors threatens to push dengue cases here to a high of over 30,000 this year, but the au-

thorities are not standing by idly. The National Environment Agency (NEA), Ministry of Health (MOH) and People's Association (PA) aim to intensify inspections

and education efforts. This year, the Mozzie Wipeout

Campaign, which had been held in April or later in other years, will be held at the end of this month instead. It teaches residents to prevent mosquito breeding in their homes.

Over 5,000 PA volunteers will conduct house visits and educate residents on preventing breeding.

Another 20,000 Gravitraps placed in common spaces to trap mosquitoes - will also be rolled out by June to 3,000 Housing Board blocks currently without them.

The NEA warned yesterday that Singapore might have its worst dengue outbreak this year, exceeding the record 22,170 cases in 2013, as a result of warmer temperatures due to the El Nino phenomenon and a switch in the predominant virus

serotype to DEN-2 from DEN-1. It has observed a 50 per cent increase in the number of mosquitos caught in its Gravitraps last month, compared with the figure in January last year. The number of breeding

sites found in homes over the same period has also risen by 50 per cent.

This year, two have died of dengue fever and more than 3.370 have been infected with the virus.

The El Nino phenomenon promotes faster breeding and shorter incubation times for the dengue virus, while a switch in predominant virus serotype is historically followed by a spike in dengue cases due to lower immunity to the virus strain.

The NEA said it will continue to

step up inspections islandwide, focusing on areas found to have higher incidence of mosquito breeding.

As of Jan 31 this year, the NEA has conducted more than 126,000 inspections, uncovering over 1,900 cases of mosquito breeding.

Of these, more than 600 inspections of construction sites were done, with 12 per cent found to have mosquito breeding. Over 10 notices to attend court and stop-work orders were issued.

The NEA will also increase manpower by hiring temporary officers. Outreach efforts will also be intensified through advertisements, post-

pamphlets on dengue to residents. Yesterday, the MOH said that, given the Zika virus, it is even more critical to wipe out mosquito breeding. The virus is not fatal but is linked to

babies being born with small heads. The MOH said it is working to expand Zika virus testing capabilities to public hospital laboratories, and has set up a clinical advisory group

to ensure doctors can give advice on the virus. samboh@sph.com.sq



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THE VISIONARY LEADERSHIP

Is Simplicity the Secret to **Business Success?**

By staying small and concentrating on his customer's needs, one Colorado PCO has it both-a successful company and the time to enjoy the benefits of hard work.



Time for a pipe and some peaceful moments, one of the advantages to Ken Doty's unorthodox, but successful, approach to the pest control business

traight and simple-that's Ken Doty's secret to

In an economy being transformed by computerization and abstract monetary policies involving trillions of dollars, this PCO's approach may, at first glance, seem out of step with the times. But it's put food on the table for Doty, his family, and the families of his four year-round employees for many years.

"We run our business," Doty said in explaining his business philosophy. "It doesn't run us."

The owner of Doty's Pest Control, Fort Collins, CO, also believes in taking control of his accounts right from the start. "I knock on the door and say, Good morning, Mrs. Jones-ready to leave?," Doty said. Then, before the homeowner does leave, Doty

walks through every room with him or her and removes toys, covers foodstuffs, and makes sure that any pets are put outdoors before he applies one ounce of chemical.

'The first thing we do is tell the customer what we're going to do." Doty explained. "We give them detail, detail, detail and then they're happy, confident that they're working with a professional."

That's another aspect of Doty's philosophy toward his work: "You have to sell yourself, then you sell your product," he said.

He has apparently done a good ob on that score, because the Dotys' business today comes mostly through referrals from satisfied customers. In a city which has virtually doubled in size during the past decade and has a large transient population (the 18,000 students of Colorado State University), successful word-ofmouth advertising is a tough nut

to crack But to Carroll Doty, Ken's wife and company office manager, it's really very easy. "Treat your customers like family," she said 'and they'll keep coming back."

Doty started in the business 20 years ago virtually by accident-a fraternity brother who had held pest control jobs during summer vacations from college suggested the two help pay their way through school by treating homes and offices in their spare time. After his friend received a grant to pursue graduate studies. Doty

out of ornamentals, cattle

get spread too thin."

turning down several

pest control needs.

responded.

Uncommon

spraying or weed control-don't

Doty followed his advice,

opportunities over the years to

get into agricultural and lawn

spraying services. Instead, he

northern Colorado's structural

What's the payoff for staying

small? "I can sleep at night," he

"One thing I've had to watch

very closely," Doty continued, "is

PCOs-they've told me, I made

more money when I grossed

\$200,000 a year than I do now

with \$500,000 a year." And I ask

them, 'Why don't you go back to

\$170,000 a year and enjoy life?"

Running a pest control business

in a partially urban, partially rural

encounters one pest not usually

seen by other PCOs these days-

bedbugs. While he said he's

area, Doty occasionally

what's happened to other

concentrated on servicing



Ken Doty explains the importance of label precautions on an insecticide container to Fernandez, who said he's impressed with the advanced western methods of nest control.

crack and crevice treatments and be expected in other areas. mattress treatments to contain this type of infestation.

He also regularly runs across bats, which are common along Colorado's Front Range (that area east of the Rocky Mountains, where the state's major urban areas are located). fleas migrating in from the agricultural operations surrounding Fort Collins, and, of course, cockroaches.

Doty uses Killmaster in the Whitmire system for roach control and, for flea infestations, Vapona total-release bombs.

When it comes to termite work, Doty said the only difference between his techniques and those of PCOs in other regions concerns the spacing of his applications. The rock-hard clay soil common to the Fort Collins area requires closer spacing of termiticide injections than would

Education While he may advocate a simpler approach to business, Doty continues to absorb whatever information he can on the latest techniques. He's a past president of the Colorado Pest Control Association (1980-81) and an active member of the National Pest Control Association, Doty also brings his technicians along to industry seminars, because, "Sometimes the boss learns something he forgets to pass along to his people back at the

office," he said. Through it all, however, Doty makes the time for his family and the vast recreational resources of the Rocky Mountains.

"I'm probably the most fortunate pest control operator in America," he said, "because I stayed in low gear." PC

"definitely limited" as to what kinds of chemicals he can use to fight this pest, Doty employs

HANDBOOK OF PEST CONTROL

MALLIS

HANDBOOK OF FEST CONTROL



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R. Ehman

POWER OF KNOWLEDGE







Ą	TRAINING MODULE / DESCRIPTION	DURATION [NO. OF DAYS]
	Before Confirmation	
1	OHSAS 18001:2007 Occupational Health & Safety Requirement Awareness Briefing	1 hr
2	OHSAS 14001:2004 Environmental Management System - Standard Requirement Awareness Briefing	1 hr
3	ISO 9001:2008 Quality Management System Awareness Briefing	1 hr
4	Emergency Spill Training	1 hr
5	Induction Orientation	1 hr
6	OJT Induction	14
7	Construction Safety Orientation Course	1
8	Shipyard Safety Instruction Course	1
9	Basic Introductory Programme/ QEHS Management Syste	3
10	Advance Training	2
11	Explosive Powered Tools Operation	1 hr
12	Using of Termatrac Tools for termite detection	1 hr
13	Trithor Installation	1
14	Work at Height - Workers	1
15	Body Worn Camera Training	1

TRAINING MODULE

S/N	TRAINING MODULE / DESCRIPTION	DURATION [NO. OF	
	After Confirmation		
1	Joint NEA-ITE Pest Management / Control Certification	60 / 40 hrs	
2	On the Job Training	56 hrs	
3	Introduction to Operations Coordination	1	
4	Now Everyone Can Sell	2	
5	Basic English for non English Speaking workers	10 hrs	







CAREER DEVELOPMENT





We are an inclusive company



Training Commitment

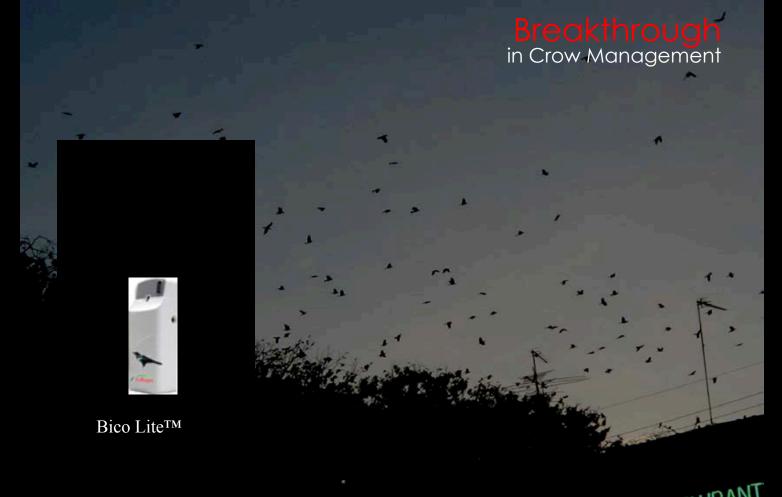


FEATURED ON THE NEWS IN YEAR 2006



BREAKTHROUGH IN CROW MANAGEMENT









This anti-bird chemical has been used and propen in Germany and other places ... but it's never been used against crows in trees, so we had to devise some sort of delivery system.

-Mr Fernandez (left), helding one of the anti-crow spray dispensers his company came up with. Hung on tree branches, they spray a fine mist of the chemical at intervals

Here's a grape way to shoo off those pesky crows He said: "They make this awful noise when they come

Pest-busting firm is spraying trees with a new anti-bird chemical derived from grapes, to chase away those scavengers

By NATALIE SOIL

WHEN crows create havoc, you can either short them down or shoo them away

And getting the pesky scavengers to move on can be as simple as spraying a special duemical around their routing

The chemical, derived from grapes, drives crows crazy but as no harmful effect on humans or the environment.

d PestBusters managing di-

whose company is use of the biggest pest-management firms here, said: "The idea is to use an anti-bird chemical, called Methol Anthranilate, that irritates them and gets them to move to less-populated areas where they won't bother resi-

The Environment Ministry (ENV) has been managing Singapore's crow problem for several years now, mainly through calling, with organised gun

crows. It has hired four Singapore Gun Club members to kill the pests and has asked the club to keep shooting crows on weekends voluntarily.

Singapore now has about 120,000 crews, compared to some 7,000 in Tokyo. Many of them are found in Serangoon Gardens, Kitchener Road and parts of Hougang and Ang Mo

Kio Aveeue 3. Mischievous and aggressive,

the crows here have been known to peck open black garbage bags, littering the area with rotten food. Some even go right into food centres to pick at leftover food.

A Serangion Gardens resi-

back to roost at 7 pm, and it would go on for two hours. "Worse, they start again at 5 am when they wake up! You can't sleep with the windows open. So I thought I'd uy to do

He said the birds tended to something. react to culling by laying more

So he tried an alternative. "This anti-bird chemical has

been used and prosen in Germany and other places, but it's never been used against crows never been used against closes in trees, so we had to devise some sort of delivery system.

functions like a deodorant dispenser used in toilets. One to three of the dispensers are hung on the tree branches, and they spray a fine

ming of the chemical at inter-To humans, it smells like grape execentrate. But to birds,

it is highly irritating, especially when it gets into their eyes and the nurous membranes around their mouths.

Hougang resident Koh Bee Houging resident would not mind if the town council tried the anti-bird chemical in the

"But hopefully, when the cruss get scared off to another place, they will go further away, instead of coming to roost on

DRIVEN BY INNOVATION





BODY WORN CAMERA SYSTEM



Supervisors communicate and guide multiple associates at the same time.

Tap on Supervisors knowledge and experience optimally, maximizing productivity for OJT and operational work

OPERATIONS COMMAND CENTRE







GPS TRACKING SYSTEM





Conduct checks via live feed from drone

Take video/pictures for follow-up purpose

Inspect high and inaccessible areas with ease

DEVELOP YOUR BIGGEST ASSET



OUR TERRITORY



Headquarters: Singapore

Overseas Offices: Malaysia | Cambodia | Philippines | Vietnam | Myanmar

Future plans: United Kingdom | India | Sri Lanka | Indonesia

THANK YOU

