

UNMANNED CHOPPERS BIG LEAP FOR AGRICULTURE

THE NEWEST MEMBER OF THE YAMAHA SKY DIVISION WILL BE A PIVOTAL PIECE OF FARM MACHINERY FOR THE 21ST CENTURY.

Yamaha RMAX unmanned helicopters give property owners, contractors and consultants the ability to monitor crops and animals remotely or carry out work remotely without some of the hassles that come with more traditional farming methods.

Weighing in at 99kg and with a length of 3.6m and a height of 1.1m, each helicopter has a load capacity of 28kgs. It runs on a two stroke, horizontally opposed two-cylinder engine.

The versatility of this new technology means that operators can spray weeds or crops and spread seed accurately and inexpensively.

Because RMAX is airborne, terrain is no longer an issue. Spraying dangerous aquatic weeds or accessing uneven ground can be done quickly. Liquids and granules can be dispersed across a 400m range from the location of the operator, covering up to two acres in just six minutes depending on the target and payload.

The Yamaha RMAX unmanned helicopter has become the first drone to be certified for flight in New Zealand under Part 102 of the Civil Aviation Rules.

The new law came into effect in August and establishes a framework for the safe operation of unmanned crafts in New Zealand.

Yamaha Motor New Zealand received their operating certificate on the 1st August and wasted no time in conducting its first flight under the new CAA rule regime at its test site near Auckland.

A high-performance global positioning system (GPS) combined with the Yamaha altitude control system makes operation incredibly simple.

When combined with a capable operator, this sophisticated technology ensures that the Yamaha RMAX maintains flight stability and consistent controlled speeds in all directions. It is this reliability that guarantees accurate and even spraying every time RMAX takes off.

The Yamaha RMAX is available to lease or for purchase for individual owners. This is the first time that users will be able to buy one of these unmanned machines outright, including financing and insurance which Yamaha will cover for the buyer.

New owners will be run through the CAA guidelines and pending approval will be able to operate their very own RMAX.

A YAMAHA RMAX UNMANNED HELICOPTER WILL ALLOW YOU TO SPRAY OR SPREAD SEED AND FERTILISER IN REMOTE AREAS.

Yamaha Sky Division NZ general manager Darryl Lovegrove says he is excited about what this innovative technology means for agriculture.

"We're proud to be releasing this new technology to a wide range of New Zealand industries," Darryl says.

"RMAX unmanned aerial vehicles have the ability to increase productivity, whilst reducing the risks surrounding the use of traditional farming equipment in adverse conditions."

Darryl says RMAX helicopters are an exciting addition to Yamaha's catalogue of high quality products.

"By combining unparalleled performance with high quality safety systems, RMAX is truly the future of farming and land management." **RC**



SILOSTOP®

Proven by Scientists. Preferred by Farmers.

The ONLY Genuine Oxygen Barrier Film
100 Times more effective

as a barrier against oxygen than conventional silage covers



Reduced Dry Matter Loss & No Wastage

Distributed by: Lallemand (NZ) Ltd
P 0800 48 48 32 E vitec@lallemand.com
W www.Silostop.com

LALLEMAND ANIMAL NUTRITION

LALLEMAND

Rural Contractor & Large Scale Farmer
Issue 60: Dec/Jan 2016