

# **THE DUNCAN REPORT**

## **WINTER 2006**

### **WHAT'S INSIDE**

- **Sales Structure and New Appointments** • **Specialist comments on Direct Drilling**
- **Feature Machines from Duncan Agriculture** • **Balefeeder Offer**



**Eco Seeder - Latest Release from Duncan**



**GB Discs SXP/SXPL**

**FEATURE MACHINES:**  
**DUNCAN ECO SEEDER**  
**DUNCAN GB DISCS - SXP/SXPL**

  
**DUNCAN AG**  
*Built to work.*

# **WELCOME**

## **to our second edition of the Duncan Report**

As we emerge from our peak season for seed drills and are now into the bale feeder season, we observe the conservatism of the New Zealand market (not unexpected), and the impact of the dry conditions in Australia.

At this time of year our NZ manufacturing facility and Melbourne warehouse move to meet demand and delivery expectations of both our dealerships and their customers. We plan to satisfy all expectations with our ongoing commitment to timely delivery and quality of our machines, and provide the backup to ensure your ongoing satisfaction. We welcome the recent appointments of Bryan Jarvie as New Zealand Sales Manager and Anthony White as our Australian Sales Manager.

*Craig McIsaac, General Manager*

I look forward to the challenges this new position brings in today's market place. With both the dealer network and the products we have, I am confident we can all grow our market share. I look forward

to meeting those dealers whom I have not yet met and continuing the strong relationship with those I have worked alongside over the past six years. Please feel free to contact me at anytime if I can be of assistance.

*Bryan Jarvie, NZ Sales Manager and Upper South Island Sales*

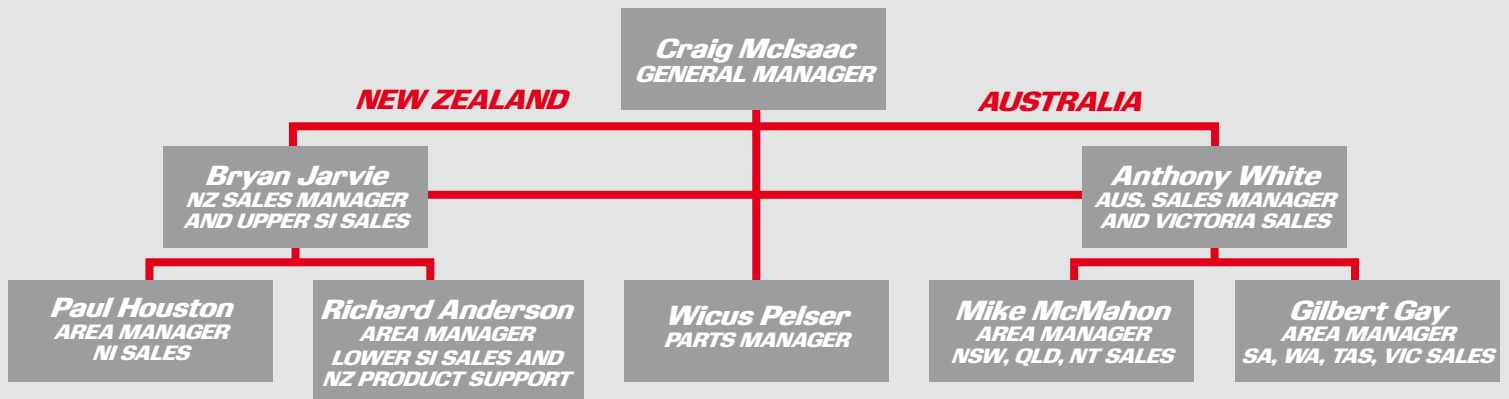


As we continue to grow and expand in the Australian markets I am happy to accept the position of the Australian Sales Manager. It comes at an exciting time for us, as we launch the Eco Seeder, 3000e and carry out the trialing of the Trash Drill.

*Anthony White, Australian Sales Manager and Victoria Sales*



### **DUNCAN AG MARKETING & SALES ORGANISATION STRUCTURE**



## **Direct drilling “here to stay!”**

When agricultural technology and environmental consultant Charles Colson says, “direct drilling is here to stay,” he’s more than willing to back it up with observations of some three decades of soil manipulation in both Australia and New Zealand.

With clients in both countries, Tamworth based Colson is well positioned to know the marketplace. He says that ‘ultra-low disturbance’ (ULD) seeding is growing in popularity in Australia, and fuel savings offered by a one-pass system, mean direct drilling with machinery specifically designed to achieve zero-till is here to stay. “It’s future can only get bigger and brighter,” he says. “I’ve got many clients operating Duncan Direct Drills on pasture renovation over here. They are appropriate for the black alluvial basalt soils we have, when after two or three years of drought we have to get the grass growing again.

“Because of the dry conditions, we avoid soft pastures, preferring instead our native grasses with some input of clover or other nitrogen fixing seed.”

He says the use of tines has caused problems on dry soils. “They tear the turf, whereas the disc opener, ‘T’ boot, and press-wheels of the Duncan Seeder massages the seed into the ground without undue disturbance of the surface soil or the creation of ridges that turn into run-off channels when we get some rainfall.

“We have to farm as if the next rainfall may be the last we will see for a long while. I think you are seeing something similar occurring on the East Coast of the South Island New Zealand now. The conservation of your soils has to be appreciated because your soil is the corner stone on the farm . . . it’s the lifeblood of your whole farming operation.”

*Charles Colson,  
Agricultural Consultant*



## ***FEATURE MACHINES: Duncan Eco Seeder***

“The seeder you need when you don’t think you can really justify a seeder. – It’s the seeder that guarantees your independence.” The Duncan Eco Seeder has been designed as an affordable direct drill, without compromising quality construction or ease of operation. It is a 16 row drill with single box, designed for the farmer who wants to sow seed only, or seed and fertiliser mixed together.



The Duncan Eco Seeder is the entry-level seeder that thinks it’s too grand to be considered as just a first purchase seeder, and the specifications confirm this fact. From the drawbar to the rear footboard, the Duncan Eco Seeder is a chip off the Duncan range of top quality seeders, manufactured to last and designed for the perfect presentation of seed into the ground.

The Duncan Eco Seeder comes complete with the well-proven Duncan ‘T’ boot, and 25mm coil tines. This provides maximum strength and helps to maintain their shape to provide accurate seed placement.

With Ni-Hard cast points, that occasional seeding job is a breeze regardless of ground conditions. With Tungsten tile on the leading edge to increase the life of the point, and Tungsten

chip points available for stony ground, this really is the small farm seeder that ‘can.’

The weigh kit continues the Duncan Eco Seeder’s user-friendly operation and the easily adjusted gearbox slide mechanism offers good accurate sowing variation. Depth control is simply achieved by placing supplied depth adjustment collars over each of the two ram shafts.

The Eco Seeder gearbox is driven from the ground-wheel via a smaller sprung wheel that provides for smooth operation regardless of ground conditions. For ease of loading, the rear footboard is positioned to provide access to the single bin, and the lid opens to 90 degrees to accommodate seed or seed/fertiliser mix.

Disc openers are an option many farmers will find attractive, as is the hectare meter, but it’s the overall loading size, versatility, and ease of operation that is most attractive. The Duncan Eco Seeder is available in two configurations (16 run trailing, and 16 run 3PL), and with a sowing width of 2376mm and row spacing of 148.5mm. This is the seeder small farms seriously need when ground conditions are right for sowing small blocks, or pasture renovation.

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## ***Duncan GB Disc Harrows***

Overlapped disc gangs – they’re the new gang in town and Richard Anderson, Duncan Ag sales and technical support, points out that the new Duncan Gregoire Besson SPX/SXPL series disc harrows offer a lot of advantages. They have a new chassis – a single frame chassis of 300 x 300 x 10 mm dimension, built tough for total reliability in the field. This frame offers easy access during maintenance operations and better visibility during work.



The SXP and SXPL ranges have been specially designed to have the front and rear discs overlapping each other, thus providing for complete coverage of the working width. The result is a full-width smooth surface devoid of the usual central ridging. The blade configuration, size, and thickness options allow the operator to choose an aggressive blade for primary work or something more subtle for previously prepared ground. The crumbler option will reduce the passes required to have the ground near perfect for drilling. It can be a more complete package than dragging harrows, and less likely to attract residue build-up.

From the cab, the operator can fold the disc gangs for ease of road travel or access through gateways, and because the

disc fold is synchronised, there is never a problem with the balance or working angle of the discs when they are returned onto the soil. The finish can be exactly what you want it to be, with a minimum of passes.

The synchronised disc system enables the operator to make adjustments to both gangs simultaneously from the tractor seat, using just one remote.

The working position of the chassis is located via the hydraulic compensation cylinder on the drawbar, which in turn promotes and maintains superior contour following control.

Structurally, the Duncan Gregoire Besson disc harrow features triple protected bearings to suit the most extreme working conditions, reducing the likelihood of dust incursion or grease contamination. Double-tapered bearings protected in this manner, mean you almost never have to replace castings in the event of a bearing failure. This kind of reliability is new to the market place, and has never been equalled. Square shafts (40x40 mm) are specially treated to reduce impact shock damage. This Duncan Gregoire Besson disc harrow design provides the ultimate in depth control and blade aggression to suit all types of working conditions.

# FREE VEST OFFER



All Duncan Bale Feeders purchased before July 31st will receive a FREE Duncan Ag oilskin vest\*.

Duncan finance available. (Conditions apply)

\*Upon return of warranty registration.



### 3 Point Linkage Bale Feeder

- Heavy duty zinc floor chains
- Unique feed rotor with anti-wrap deflector
- Full sheet metal floor
- Self adjusting drive chains
- Feeds both sides
- Handles all types of straw, hay and baled silage
- Sliding top link attachment
- Quick and easy locking device
- Self connecting hydraulic drive



### 2 Bale Trailing Feeder

- Heavy duty zinc floor chains
- Unique feed rotor with anti-wrap deflector
- Full sheet metal floor
- Wide wheel base
- Heavy duty hub and stub assembly
- Double action hydraulic bale forks with roller sliding platform
- Flotation tyres
- Self adjusting drive chains



### Bale Buggy

- Ideal for motorbike or ute
- Self loading
- Ground drive
- Feeds out both hay & baleage

***Duncan. Built to work.***

DUNCAN AG NEW ZEALAND  
PO BOX 2018, WASHDYKE, TIMARU  
PH: (03) 688 2029 FAX: (03) 688 2821

DUNCAN AG AUSTRALIA  
4B SILVERTON CLOSE, NORTH LAVERTON, VICTORIA 3026  
PH: (03) 9314 9666 FAX: (03) 9314 6810

Email: [admin@DuncanAg.co.nz](mailto:admin@DuncanAg.co.nz)  
[www.DuncanAg.co.nz](http://www.DuncanAg.co.nz)



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