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# Better BS: Improving Manure Management

*“Whenever we spread manure in the past, it was too big and chunky. Now with this new Bunning spreader, we can apply manure directly to our hay land, and it’s good to go!”*  
Glenn Hogberg

## Rental Rates for Lowlander 75 Manure Spreader:

\$225/day

for current members

\$275/day

for new members

### To Rent Contact:

#### South Peace:

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#### North Peace:

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## Introduction

Getting the manure out of the corrals and back onto the fields is still a huge chore. But the Peace River Forage Association of BC has made a grand attempt to ease the burden for its members. Dale Fredrickson had the opportunity to be the first member to demo the Lowlander 75, manufactured by Bunning and distributed by Glen Mor Ltd. This forage fact is a chance for him to share his experiences.



Lowlander 75 spreader with vertical beaters manufactured by Bunning, distributed by Glen More Ltd.

## Manure Spreader

In Dale’s own words: “Walter Fritsche Sr. prepared the machine for pulling with a sturdy hitch and safety chain. I hooked onto the spreader with my light duty ¾ ton 4 X 4, which I soon found out was not enough truck for the hills I encountered from Walter’s place to mine. It is heavy!

Once home, I attached it to the JD 4630 (150 hp) 2 wheel drive and found it pulled a lot easier. It takes 2 sets of hydraulics and a 1000 PTO. The model 75 stands for 7.5 tonne and this one has an extension to 10 tonne. The sides are approximately 8 feet high so most loader tractors have enough reach to fill the spreader. Because of the big single tires, it has a lot of hitch weight when full. Steering in the rain was made a lot easier with the aid of the wheel brakes.”



*“I wonder what Grampa would say, after having to load the dung onto a stone boat pulled by a team, using voice commands.”*

Dale Fredrickson

Peace River Forage Association  
of British Columbia



**Technical requirements:**

H.P. requirement: 110-120 H.P.

1000 RPM for the P.T.O.

36-42 pounds for tire inflation

**Grease daily:**

- front adjuster blocks to floor chain
- front shaft
- rear bearing housing to floor chain
- rear shaft
- overrun clutch to front of main "T" gear-box

**Grease weekly:**

- all sealed bearings (2 pumps of the grease gun ... do not overgrease)
  - sliding tubes of the P.T.O. shaft
  - P.T.O. universal joints
  - shearbolt bushing
- \*\*\* check gear box oil levels (sightglass)

**Vertical Beaters Feature**

Dale Fredrickson continues: "I can see what the rave is all about with vertical beaters. Using the raw uncomposted manure, it comes out finer than the standard horizontal unit we have been using. The uniformity of distribution is consistent even when I played with PTO speeds. All that seems to change is the spread width. When using composted material it came out extremely fine.

Having rented the Meyers 425(7-8) in the past, I found the Lowlander unit to do a better job with the raw stuff. In the well-composted manure, both types can do the trick. It would depend on your timing, costs, location to machine and availability, whether you should wait for this machine or "get 'er done" with another. With today's tight profit margins, it sure makes sense to rent. It certainly made short order of our piles. I wonder what Grandpa would say after having to load the dung onto a stone boat pulled by a team using voice commands."

**Other Members' Comments**

Glenn Hogberg found "My one-ton pulled the Lowlander okay and it was similar to towing the Aerway to and from fields."

Walter Fritsche had the following comments to add "Two years ago, the executive got the idea that I would be a good guy to dispatch and maintain the machine while it is on the south side of the Peace. We all know real fertilizer .... manure ... is not exactly a cheap way to maintain or increase your field production. The Bunning spreader takes a little more horsepower than some of us small producers have and hiring a larger tractor can add to the expense."



Manure is spread evenly over the field.

**Other Members Who Have Rented Lowlander Manure Spreader:**

**South Peace:**

Walter Fritsche  
Bill Wilson  
Glenn Hogberg  
Ron Collins  
Burnem Grant

**North Peace:**

Rick Kantz

Walter says "We have spread a lot of manure on our land over the last 3 years and that is because we live next door to Bill Wilson who has to get rid of the manure in his pens on a yearly basis.

We had very good success on some fields and less on others. On one newly seeded field we applied raw manure the year after establishment and that created a lot of problems ... a secondary crop of weeds!!!! So our experience is that you should have a well established field, perhaps at least 3 years old, before you put the 'good stuff' on it."

"The vertical beater has exchangeable tips made of carbon steel. These break when you put too big a rock or a left-over piece of machinery through the spreader!!! So when that happens, you have to bring cash for replacements tips!!!! The same goes for bringing too much of your precious manure with you when you return the machine. It takes lots of time for someone to clean it up.

In 2008, we had four producers renting the spreader in the South Peace, including myself. So we would certainly welcome a few more customers. I hope many of you can make use of this valuable tool and I wish you luck with it."

**Compiled by:** Dale Fredrickson, Walter Fritsche and Sandra Burton in Dec 2008.

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