

# 2002 Harriston clodhopper 200

| Date   | Maintenance   | Person responsible |
|--------|---|--------------------|
| Jul-19 | Replaced all stars (purchased at Banga's)<br>Checked all bearings on star drives, replaced 4<br>Replaced upper and lower belted chain (purchased at Prairieside)<br>Replaced drive chain on both clod rollers and belted chain drives<br>Replaced all and Added superslide underneath the stars<br>Replaced both 30" product discharge belts<br>Fixed seals at 4 gearboxes<br>Changed oil on all gearboxes (80w90)<br>Converted to 480v, interlock installed  | Rivers Electric    |
| Aug-19 | Changed 1 nose roller on bottom belted chain<br>Replaced drive sprockets on bottom belted chain   |                    |
| Sep-19 | Lacing 30" discharge temporarily fixed  |                    |
| Oct-19 | Lacing replaced on 30" discharge belt   |                    |
| 19-Nov | Hitch fixed   |                    |
| Aug-20 | Motor on discharge belt replaced (Southern Rewind)  |                    |
| Sep-20 | Motor on top diggerchain is loose, needs to be welded<br>Rerouted chain for intake belts<br>Installed superslide on discharge belts, installed holders for prybars  |                    |
| Jan-21 | Buzzer installed for starting up on Tab's request<br>Both emergency stops installed and wired into same system  | Rivers electric    |
| Feb-21 | All rollers replaced on intake belts, was bushings, now bearings<br>2" inside diameter exhaust pipe (48049) at napa, bearings/hubs@Banga<br>Cleaned up all shafts in intake belts to make bearings slide on. Some shafts had some wear where bushings sat.<br>Welded flatbars on both outsides top and bottom by rollers to prevent little potatoes to get in belts, belts 28,5" wide<br>Shortened chain feeder belts 1 link. Alligned belts<br>Superslide under star table repaired.<br>30" discharge belt modified, return rollers were too high, lacing would rub on frame 1*2 tubing. Rollers replaced with superslide. Rollers all good<br>Lacing replaced, 30" potato discharge belt cannot be shortened anymore.<br>Repaired wiring on bottom clod roller motor, was ripped off/temp fix<br>Adjusted scrapers on clodrollers<br>30" dirt belt under stars replaced. 15' 6" return roller removed.<br>30" potato belt replaced under 1st clodroller 15' 8" return rollers removed |                    |
| Jul-21 | Clod fences replaced and rerubbered<br>Put bolt/washer in shaft of clod roller to prevent motor from moving away  |                    |
| Sep-21 | Motor on potato belt fried (motor was 1 year old) Southern Rewind warranty replaced   |                    |
| Oct-21 | Washed with t&t soap  |                    |

Future

Fix seals on gearboxes

|                         |                |
|-------------------------|----------------|
| <b>Make</b>             | Harriston      |
| <b>Model</b>            | Clodhopper 200 |
| <b>Year</b>             | 2002           |
| <b>Year of purchase</b> | 2018           |

### **Daily maintenance when in use**

| <b>Maintenance</b>                 | <b>Comment</b>   | <b>Person responsible</b> |
|------------------------------------|--|---------------------------|
| <b>Grease bearings as required</b> | Boss, big blue MP2   | Michiel                   |
| <b>Oil chains as required</b>      | Use canola oil   | Matthijs                  |
| <b>Visual inspection</b>           | Check for leaks, broken,<br>loose or damaged parts,<br>maintenance or calibration needed |                           |
| <b>Dry cleaning</b>                | Get rid of mud, soil, build-up etc   |                           |