



THE IRRIGATOR

JUNE 2022 • VOLUME 61



Customer Appreciation Day 2022



Farm Services Inc. will be hosting our annual Customer Appreciation Day on Friday, June 24th from 11am to 2pm. Come visit with FSI staff and vendors and enjoy a tasty pulled pork lunch! Enter our prize drawing and stop in the store before you leave to see Davey and Pat as we will be offering 10% off your parts purchase (excludes new systems, pipe, wire, pumps, VFDs and phase converters and previous purchases - sale valid June 24th only).



Sprinkler Package
Courtesy of Komet Irrigation

amazon fire 7 with Alexa



(2) Amazon Fire 7 Tablets
Courtesy of Consumers Energy



Char-Broil 5 Burner Grill
Courtesy of Farm Services Inc.

IRRIGATION STARTUP TIPS

Irrigation season is right around the corner. Beginning startups cause the largest amount of service calls at FSI. Here are a few tips to help you get things going smoothly:

1. FLUSH YOUR SYSTEM

Typically this is just your center pivot system, unless your underground has been recently repaired or you have above ground aluminum.

Start by removing the sandtrap at the end tower and run water at a good flow through the sandtrap opening for 4-5 minutes. This will remove any accumulated dirt, rust or scale. Then replace the sandtrap and pressurize the system.

2. CHECK SPRINKLER OPERATION

Walk the length of the system and visually check the operation of each sprinkler. Is it spraying correctly? Is it rotating as intended? Correct any problems you find now; it will pay dividends in increased yield and better operation later.

3. CHECK END GUN VALVE OPERATION

End gun valves are a common service issue. If you think the valve isn't working correctly, here is a tip. Pressurize your system without using the well kill or pivot interlock option. A functioning valve will allow water to flow momentarily then close when doing this. If it stays on, there is debris in the valve itself or the tubing from the solenoid to the valve is disconnected or plugged. If this works as intended, then start the system with water supply on (well kill or interlock on) and depending on the position of the switch, it should stay off or come on. Cycling the end gun switch to turn it on then off.

NOTE: Reinke cam plate end gun switches turn the gun on when the roller is on the rubber ramp.

4. IF YOU HAVE A PART CIRCLE SYSTEM

Check your barricades. Are they in place? Next test your end tower auto stop/auto reverse to make sure it stops or reverses the machine.

NOTE: Reinke blue panels, direction switch must be in Auto position for auto/reverse function to work.

If you discover problems, you need help with, call Farm Services Inc. and schedule a service call. We would be glad to assist you!



CLASSIFIEDS



\$15,117

KIFCO B140G 1.4" X 350' (NEW)

- Irrigated acres per run: 0.9-2.0
- Water reel w/SR75 gun, 24 deg x 1.5
- Booster pump 5.5 hp w/ mtg kit
- Kit, pneumatic tire/wheel upgrade



\$3,000

PORTABLE PRIMARY PUMPING UNIT ON TRAILER (USED)

- Honda 5.5 HP gas engine
- Monarch high PSI pump
- 5# primer
- 0-100 GPM @ 35-70 psi



\$1,500

NACD SAE MOUNT PTO CLUTCH (USED)

- SAE 3# bellhousing
- 140 hp rated
- Includes ring gear & PTO shaft
- Low hours



\$425

KOMET TWIN 101 GUN (USED)



\$450 EACH

RHINOGATOR TIRES (NEW)

- 11.2 X 38 tire size
- Tire and rim come assembled
- 2 tires available



\$3,500

B130X WATER REEL (USED)

- 1.3" X 330' hose
- P85 gun
- 20-100 GPM @ 70 psi



\$2,800

CAPRARI/KIFCO PUMP (USED)

- D02/40
- 50-185 GPM
- Fully fitted w/PTO shaft



\$2,100

BERKELEY B 2 1/2 ZPM MOTOR & PUMP (USED)

- 7.5 HP
- 480v 3 phase
- 250 GPM @ 25 PSI
- Includes Fralo starter panel and Murphy safety controls



\$15,500

JOHN DEERE 6068 125 HP (USED)

- Berkeley B4 pump
- #9 primer
- Murphy gauges



\$18,990

RAINBOW 15KW GENSET (NEW)

- Yanmar 4TNV84T Engine
- Lima 15KW Generator
- Includes Hood, Battery, Fused Disconnect - No Tank



\$350 EACH

NELSON END GUN (USED)

- Nelson F75 21 deg
- 3 available
- Full circle only



\$7,437

CAPRARI PUMP (NEW)

- Caprari D3/65 PTO pump w/cart
- 4" check valve
- 4" NPT suction and discharge
- 500 gpm @ 130 psi

IRRIGATE MORE ACRES



Several years ago we saw a need for an economical method to irrigate small areas left dry by center pivots so we developed a stationary gun stand buried in the ground and directly tied to your underground system. The above ground profile will fit within a 30" row spacing.

Coverage of up to 3 acres is possible with 400 gpm @ 80 psi using a 200 gun. Cost effective 4" PVC can be used depending on the distance from the water source.

We have sold over a dozen of these gun stands since their development and growers have been impressed with the coverage received.

Pricing is typically \$2,500 per stand including the gun (depends on the size of the gun) and automatic valve options are available. PVC pipe and fittings are additional. Parts only, no labor.

Call Jason today for a quote!



FARM SERVICES, INC.

4840 North Greenville Road
Lakeview, MI 48850



Farm
SERVICES INC



4840 N GREENVILLE RD • LAKEVIEW, MI 48850
989.352.8411 | FARMSERVICESINC.COM

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