

# Liquid Carbon Based Fertilizer

## Storage, Handling and Application Recommendations



### STORAGE TANKS:

- We recommend using poly or steel storage tanks
- Tank must be completely clean before receiving product
- Tank must be semi-truck accessible for product delivery
- Recirculation equipment is recommended
- Recirculate prior to use for at least 10 minutes, moving at least 1% of tank contents per minute.
- Maintenance and cleaning of all equipment after use is important for future application. A thorough cleaning with water (hot if possible) should adequately clean most equipment

### TRANSFER PUMPS:

- Transfer pumps are used to move product from storage tank to applicator.
- We recommend a 2" pump for transfer speed and ease of use
- Use poly or cast iron pumps

### SCREENING:

- Product is screened through a 50-mesh screen before delivery from manufacturer.
- We recommend screening (50 mesh) the product from storage tank to application tank (planter, side dressing, sprayer). If screens are finer than 50 mesh on applicator, flow issues may arise.

### PLANTERS:

- With proper setup, all liquid planter systems can apply L-CBF. Contact Midwestern BioAg with specific questions.
- L-CBF can be used with most pumps with no smaller than a 50 mesh screen (we prefer 30 mesh when utilizing micro tubing). These include:
  - Electric pumps; 5.3 GPM or higher depending on planter size
  - Ground-driven squeeze pumps
  - Piston pumps
  - John Blue Product Flow Diverter with 1/2" lines going to the ground
  - Hydraulic-driven variable speed gear pumps

### ORIFICES:

- We recommend micro tubing in place of orifices
- If using orifices, use size 39 or larger

### SPRAYER NOZZLES:

- Recommendation at 20 PSI, using a 50-mesh screen:
  - XR8002 tips
  - XR8004 tips
  - TF-US 4 flood tips

**Equipment recommendations provided by QLF Agronomy. Contact Midwestern BioAg with any additional questions about application equipment.**

