Liquid Carbon Based Fertilizer Storage, Handling and Application Recommendations

**STORAGE TANKS**
- Poly or Steel
- Must be completely clean before receiving product
- Setup for recirculation is recommended
- Recirculate prior to use for not less than 10 minutes, moving not less than 1% of tank contents per minute.
- Must be located for semi-truck access to deliver product
- Maintenance and cleaning of all equipment at the end of use is important for proper future use. A good thorough cleaning with water (hot if possible) should clean most equipment adequately

**TRANSFER PUMP**
(from storage to applicator)
- 2” pump recommended for speed and ease of transfer
- Poly or cast iron

**SCREENING**
- Product is screened through a 50 mesh screen before delivery from manufacturer.
- It is recommended to screen (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**
- Ground driven squeeze pumps and Piston Pumps show best results
- John Blue -Product Flow Diverter with 1/2” lines going to the ground
- Hydraulic driven variable speed gear pumps

**ORIFICES**
- Recommendation at 20 PSI:
  - # 39
  - #48

**SPRAYER NOZZLES**
- Recommendation at 20 PSI:
  - XR8002 Tips
  - XR8004 Tips
  - TF-US 4 Flood Tips

Recommendations are on items that were tested and used successfully by QLF. Other equipment may work with these products.