

Excerpt from the August 23, 2018 Issue of Vegetable and Fruit Headline News
https://extension.umd.edu/sites/extension.umd.edu/files/_docs/VegetableFruitNews9-5.pdf



Domino Sugar Lime Byproduct Bulk Availability Program

The Baltimore Domino Sugar plant produces significant quantities of calcium carbonate mud byproduct at the Baltimore Refinery. This byproduct is registered as a MDA Liming Material, Domino Sugar Corporation Calcium Carbonate, Reg. No. 204520 and the most recent analytical results are below. The ASR Group Domino Sugar are actively looking for farmers who want to responsibly use our byproduct as a liming material.

Moisture	5.8%
CaO (calcium oxide)	36.5%
CaCO ₃ (calcium carbonate)	65.3%
MgO (magnesium oxide)	0.8%
MgCO ₃ (magnesium carbonate)	1.8%
CaCO ₃ Equivalent (CCE)	82.5%
Pass 20 Mesh	85.2%
Pass 60 Mesh	61.4%
Pass 100 Mesh	53.8%



Program Eligibility

ASR Bulk Lime program criteria that need to be met for a farm to be authorized to receive the Domino calcium carbonate mud as a liming material:

- Proximity to the facility (The ASR Group is generally looking for farms located within 1-1.5 hours of our Baltimore Refinery);
- Truck Access (The ASR Group needs to ensure that the access road to where the lime dumped is in good condition and will not result in a tractor trailer becoming stuck);
- Stockpile location (where the lime is dumped cannot be adjacent to any waterways such as streams or ditches, along a property boundary, etc.);
- Storage time (The ASR Group wants the material used as quickly as possible; our internal limit is no longer than 1 year depending on how the material is stored); and,
- Quantity (The ASR Group is typically looking for farms that will take a 100 ton annual minimum).

Interested farmers may contact Gary Lasko directly (contact information below) for approval on our “Authorized Farms” list. Once on the list, the transporter will contact the farmer directly before making the first delivery.

Other Important Program Details:

A couple of other informational items related to the Calcium Carbonate Mud:

- The Domino plant generates the mud 24-hours a day, 7-days a week when the plant is operating and typically removes a trailer-full once every 6-hours (roughly 60-80 tons per operating day).

Accordingly, some of these loads are pulled at night and the ASR Group is also looking at farms at which they can deliver at night.

- The ASR Group typically gathers the farmer's name, phone number, farm location, and tillable acreage as part of our "Authorized Farms" list. This allows them to track the acreage this product is used on throughout Maryland.
- The participating farms are visited roughly once per year by the ASR Group to ensure that there are no significant issues with the storage.
- Finally, some loads will contain a poly sheet that was placed inside the dump trailer so that the loads easily dump. Most farmers have not complained about this.



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Gary Lasako Environmental Manager American Sugar Refining, Inc. Office: +1 410-783-8687

Cell: 443-891-8915

Email: gary.lasako@asr-group.com