

*Problem/Opportunity*

# Agricultural Waste Problem Equals HIPS Resource

## CASE STUDY - No. 12

### Mixed Plastic Separation



### Ground Spill Contamination

#### Problem/Opportunity:

Several companies we serve sell their product to the agricultural industry - specifically growers of plant products. During the course of harvesting and selling plants, a great deal of the packaging goes uncollected, becomes landfill waste or worse, sold to a competitor.

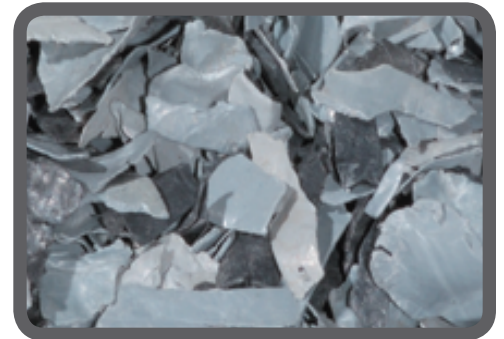
#### Impact on Customer:

Though a rich source of high impact polystyrene (HIPS), the presence of rocks, dirt, PP or PE make reuse of these agricultural trays difficult. The rising cost of both virgin and recycled HIPS has put a strain on the manufacturers of agricultural packaging products. Economical recovery of this stream, which is largely HIPS, could greatly ease that strain provided the PP and PE were removed. The added benefits are that it also helps:

- the client demonstrate environmental stewardship,
- the manufacturer retain a favorable position with the clients, and
- reduce a high-volume waste disposal costs.

#### Butler-MacDonald's Solution:

Our process enables us to recover HIPS from large bales, stacks, shred or granulated agricultural trays.



*Result: HIPS 99.98% Pure*



#### Result:

The 90% yield of recovered HIPS allowed the manufacturer to retain customers that were ready to switch to any supplier that could help them reduce their growing waste problem and costs. And after all, it's all about keeping your customers happy.

You won't believe the many ways we can help you recover value from plastic. Until you call us.



RECOVERING VALUE FROM UNUSABLE PLASTIC™

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