Incorporating Bioenergy in Sustainable Landscape Designs Workshop

ARGONNE LABS, JUNE 24-26, 2014

MULTI-FUEL BIOMASS BOILERS ARE KEY TO MIDWESTERN BIOMASS MARKETS



GREEN FLAME ENERGY

FIELD TO FLAME BIOMASS SERVICES







HARVESTING IS WITH LARGE EFFICIENT EXISTING EQUIPMENT



DENSITY OF HARVESTED MXG

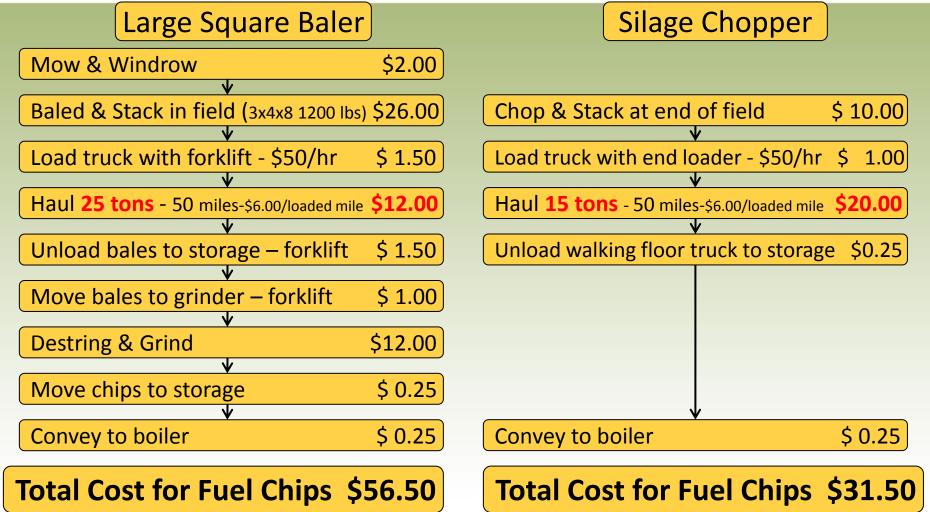
Chopped 130 kg/m³ Baled 170-200 kg/m³



STORAGE IN THE FIELD



COST TO MOVE ONE TON OF DRY MISCANTHUS FROM STANDING CROP TO FLAME - BALES vs CHIPS



Pelletizng would add \$20-\$30 a ton to either method.





1 dry ton of Mxg = 170 gals of LP Gas \$85 \$340







EXTENDING THE CRP FILTER STRIP AND SQUARING OFF THE CORN FIELD

