

Success Stories

MAKING GOOD ON A PROMISE



BASTECH
SERVICE • SAVINGS • SOLUTIONS

It's easy for someone to claim their digester additive is going to help. It's quite another to back up that promise. Across the years, we've made a difference at facilities with various capacities and different equipment. These are just a few examples from very real situations with very measurable results.

Where Your Success Story Begins

We've helped others work more efficiently and we can help you, too. The best way to see for yourself is a trial. Visit www.BasTech-Chem.com or call 1-800-874-4886 to learn more.

CASE 1

Mill Description:

Southeast US
1400 T/D HWD Kraft
Kamyr digester
15 Kappa target

Objective/Goals:

Yield Improvement—
wood cost reduction
Reduce liquor cost
Lower BL solids

Product:

Basperse 3030
0.06%

Results:

Yield improvement: + 1.1%
EA reduction: 0.5%
Hemicellulose: + 9.6%
Reduced BL solids: 9.47%

Cost savings:

Wood savings of > \$1.35
million/year

Additional benefits:

D1 ClO₂ reduction: 30%
maintaining brightness targets
More uniform cooking

CASE 2

Mill Description:

Northwest US
330 T/D Sawdust Kraft
M&D digester
20 K number target

Objective/Goals:

Improve production
Reduce chemical costs
(two product system)

Product:

Basperse 3030
0.06%

Results:

Maintained maximum
production with limited
cooking liquor
Reduced chemical loading—
replacing two chemicals
for one

Cost savings:

Chemical savings
of > \$300,00/year

Additional benefits:

Improved washing (lower
conductivity)
Lower rejects and shives

CASE 3

Mill Description:

Northwest US
440 T/D Sawdust Kraft
M&D digester
21.5 Kappa target

Objective/Goals:

Improve production with
limited liquor
Reduce chemical costs—
replace 50% AQ

Product:

Basperse 3030
0.07%

Results:

Increased production with
limited liquor: +66.0 avg.
additional tons/day

Cost savings:

Chemical savings
of > \$300,00/year

Additional benefits:

Improved washing (lower
conductivity)
Lower rejects and shives
More uniform cooking

CASE 4

Mill Description:

Northwest US
650 T/D Sawdust Kraft
Kamyr digester
26-28 Kappa target

Objective/Goals:

Yield improvement—
reduce chemical costs

Product:

Basperse 3030
0.08%

Results:

Improved yield: +2.35%
(University of Maine)

Cost savings:

Reduced wood costs by
> \$3.35 million/YR (net result)

Additional benefits:

More uniform cooking

CASE 5

Mill Description:

Northwest US
1350 T/D SWD/HWD Kraft
Kamyr digester
18-25 Kappa target
(species dependent)

Objective/Goals:

Yield improvement—
reduce wood costs

Product:

Basperse 3030
0.07%

Results:

Improved yield: +2.7% Fir
(University of Maine)
Improved yield: +1.3% Pine
Lowered H-Factors by an
average of >100 points while
maintaining production goals.

Cost savings:

Reduced wood costs by
> \$7.64 million/YR
(net reduction)

Additional benefits:

More uniform cooking