

## WildAgain Wildlife Rehabilitation Reconstitution Tests - Fox Valley 40/25

### Findings

Based on the described methodology, two lots of Fox Valley 40/25 were tested, with the results summarized in the inset box at right and more fully displayed below.

Reconstitution efficiency Cluster size < 1,000µm	InterQuartile Mean		
	Resting time		
Product/Water temp.	Instant	8Hr	12Hr
FV 40/25 020399 100F	79.9%	88.8%	93.0%
FV 40/25 020399 160F	89.9%	89.4%	91.2%
FV 40/25 021149 100F	85.0%	91.8%	86.3%
FV 40/25 021149 160F	90.9%	89.8%	89.4%
100F (average all lots)	82%	90%	90%
160F (average all lots)	90%	90%	90%

**In summary, the following observations were noted:**

#### Water temperature used for mixing

It appears that sometime during the last 10 years or so Fox Valley 40/25 may have undergone some changes in either its formulation or its manufacturing process - though this is only speculation. Ten years ago, WildAgain's reconstitution tests showed better results using a higher water temperature (160°F) when reconstituting into a final formula. The current round of testing no longer supports those earlier findings. Rather, it indicates that the results, on average, are virtually the same, except for when using warm water and using instantly.

#### Resting time after mixing

The prior round of testing showed best results when the formula was mixed and then allowed some period of time to rest, and not used as an 'instant mix'. The current round of testing has produced a different result with no real difference in performance, on average, except for when using warm water and using instantly.

#### Summary

Based on the test results in these two lots of Fox Valley 40/25, the performance results were identical under all conditions, with the exception of using warm water and using instantly.

### Fox Valley 40/25 Reconstitution Efficiency - (cluster size <1,000 $\mu$ m)

