



IFPRI BRIEF TEMPLATE

Check One: Project Review Collaboration
 Workshop Other

Descriptive Title	Process scaleup and scale down: Equipment sizing for lab, pilot, and manufacturing with granulation circuits
Working Title¹	Granulation Scaleup
Technical Area²	SE – Systems
Date	June 2005
Short Description	Update on scaleup/down of integrated granulation circuits, e.g., progress since 2000.
Objectives	What is the “smallest best unit op that we can use to develop a product using a granulation circuit.
Scope	Powder feeders, binder pumps, granulator, mill, dryer, transport (fines, overs)...

Recommended Contractors (2 or 3)		
Name	Institution	Email Address
Jim Michaels	IFPRI	Ifpri.vp@google.edu
Jim Litster	Sheffield emeritus	
Agba Salman	Sheffield	
Reihard Kohlus		

Submitted By:	
Name	Organization
Brian Karim	Lincoln
Mike Gentzler	Merck
Par Tuffvesson	Novonosis
Brian Levy-Polis	FMC

¹ Title used in meeting agendas and file archives

² One or more from the following list: W = wet systems; D = dry systems; F = particle formation; SR = size reduction; M = modeling; SE = systems engineering