

IFAH 2011 Global Benchmarking Survey

Length of time from submission of INAD to approval letter

Species category		Product type and years					
		Pharmaceuticals	Pesticide-based	GMO products requiring NEPA RA	Biologicals new Master Seed	Biologicals new combinations	Biologicals conditional license
FAP	Mean	9.4	6.0	5.4	4.3	3.6	2.8
	Range	7.0-13.0	4.0-9.0	4.0-7.0	3.0-7.0	2.0-7.0	0.5-5.0
CAP	Mean	6.4	3.5	5.0	4.1	2.8	2.9
	Range	3.5-9.0	2.0-5.5	4.0-6.0	3.0-5.0	2.0-4.0	1.5-4.0
Minor species	Mean	6.0	-	6.0	5.5	3.0	3.5
	Range	-	-	6.0-6.0	5.0-6.0	2.0-4.0	3.0-4.0

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Costs of New Product Development by species class and product type – USA 2011

Species category		Product category & cost estimates \$M: product extension		
		FAP	CAP	MS
Pharmaceutical product with new API	mean	38.8	21.6	8.0
	range	20.0-100.0	5.0-70.0	-
Medicinal in-feed product	mean	26.7	-	12.0
	range	15.0-40.0	-	-
Biologic product	mean	10.8	11.8	3.0
	range	2.0-30.0	3.0-25.0	-
Pesticide-based product	mean	14.0	22.6	-
	range	10.0-20.0	5.0-65.0	-