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uccessors to N	IAIS			
	National Agricultural Insurance Scheme (NAIS)	Weather Based Crop Insurance Scheme (WBCIS)	Modified National Agricultural Insurance Scheme (mNAIS)	
Scheme maturity	Established	Potenti	al successor	
Year started	1999	2007	2010	
Index	Area yield	Weather	Area yield & weather	
Farmers covered per year	>22m	>3m	340,000 (Winter season 2010 only)	
Government financing	Ex-post	Upfront pr	emium subsidy	
Open to private sector	No		Yes	
Average claims ÷ farmer premiums	3.5 (2000-2008)	1.4 (2007-2010)	(expected to be similar to WBCIS)	









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mNAIS Ratemaking: Smoothing Threshold Yields to increase equity

- NAIS average historical yield based on 3 or 5 year moving average yield
 - Unstable year to year
 - Not reflective of agronomic fundamentals
- mNAIS uses 7 year moving average yield, smoothed within crop/district.
 - Subtle statistical motivation
 - But large potential benefits
 - Technically sound and acceptable within political economy constraints







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(20	CE O	n M	obi	le Su	mmary Data R	eport Y	'ear : A	LL Cro	DIALL			Export To	Excel
State	District	Tahsil	Circle	Village	Survey Number	Date	Crop	Weight	Longitude	Latitude	PlotImage	Harved Video	On Map
Maharashtra	Ahmednagar	Shrigonda	Kolgaon	Visapur(Ag)	81-0	2011-03- 15	Wheat	26	74.605412342744	18.832634555773	Image	Video	Map
Maharashtra	Ahmednagar	Ahmednagar	Nalegaon	Nalegaon(Ag)	191-0	2011-03- 25	Jowar	35	74.71367589680901	19.113226369621	Image	Video	Mag
Maharashtra	Ahmednagar	Ahmednagar	Sawedi	Islak	09-0	2011-03- 26	Wheat	2	74.665834609998	19.148835698305	Image	Video	Map
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 mNAIS combines the best features 	of area vield index and weather index
Potentially powerful feature needs s	trong communication campaign
Weather Based Index	Area Yield Index
Can only capture weather perils	All peril cover (includes pests, disease, etc.)
Faster claims settlement	Slow claims settlement
⇒ Use simple index to capture severe shocks that are well captured by weather index (drought, excess rainfall, low temperature).	⇒ Use to offer final all peril adjustment, offering protection for shocks not adequately captured by early weather indexed claim payment.



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