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Question1: Offer incentives to municipalities and counties to transfer unused land to farmers, lower tax rates and other fees to farmers, and if they do they receive some leveraged dollars with their own funds and that of the State. Redirect federal dollars to States for homeland security, so that farmers can receive payments if they "harden" production by using on-site energy (biofuels, solar, wind, free-flow hydropower, ground-coupled heat pumps, etc) so that if there is long term grid failure or disruption in liquid transportation fuels, they can maintain production.

Question2: US markets are expanding for high quality foods such as organic foods and low-pesticide foods - which if effectively promoted, would give US farmers a competitive advantage. Again, creating a low energy" designation for farmers using advanced conservation practises, low use of petroleum-based fertilizers and pesticides, and on-site energy -- creating broad public support for those US producers.

Question3: Continue the good work, started by the Rural Utility Service to promote on-site energy production to bring in extra income to farmers. Other programs such as Farmers Loan Program, Small Business Administration and even EPA's State and local programs should provide strategic funding support to allow farmers not only reduce their energy costs, but sell clean power onto the electric grid so they have multiple incomes.

Question4: Have USDA assist in aggregating renewable energy credits or carbon credits for farmers. Establish more proactive set of on-site clean energy support for farmers to include irrigation, water heating, communications and fuels for tractors, trucks, and other farm vehicles. Prioritize those projects that yield coproducts including clean energy, specialized crops for carbon sequestration, organic fertilizers to displace petroleum fertilizers, as well as other coproducts from glues and resins, animal feed, and building materials from ag wastes.

Question5: Farmers should drive applied research and demonstration and existing federal programs at USDA, NIST, EPA (ORD), DHS, and DOE should open specialized windows for farmers (small, medium and large) to innovate and create new businesses from their experience and successes.

Question6: USDA and DOE have a jointly announced initiative promoting biorefineries - this needs to be enhanced, better financed, expanded, and stronger information dissemination - so that farmers can adopt practises that yield many coproducts to increase farm incomes and stabilize cashflow.