SARE / FARMER AND RANCHER PROJECT PROFILE

(Final Report)

I. GENERAL INFORMATION

Official Project#	FNC10-809				
Project Title	Growing, Processing, and Selling Omega-9 Canola Oil				
Project Coordinators	(first & last name)				
	Dan Blackledge				
Proj Contact	Name and address of the Project Contact. The person and address to which correspondence is sent for the project. Include:				
	Name:Dan Blackledge				
	Organization: B & B Farms				
	Organization Type:				
	□1862 Land Grant □1890 Land Grant □1994 Land Grant □Other University				
	□NGO □Federal Govt □State Govt □Local Govt Other: <u>Farm</u>				
	Street Address: 6361 Cannonsburg Road NE				
	City: Belmont				
	State (2 letter abbrev): MI Zip code: 49306				
	Phone number, including area code: <u>269</u> - <u>568</u> - <u>1020</u>				
	Fax number, including area code:				
	Email address:dblackledge317@msn.com_				
SARE Funding	\$ (Total amount of SARE funds this project has been granted)				
Project Duration	(Number of years that SARE funds were requested for project)				

II. EXTENSION INVOLVEMENT

Yes □ M	Was Extension involved in the planning of this project?					
	III. PROJECT CATEGORY A					
Check	only one	e category which best repr	resents this project.			
☐ Integrated Crop & Livestock System ☐ Crop Production ☐ Animal Production (including aquaculture, apiary) ☐ Pest Management ☐ Soil Management ☐ Natural Resources/Environment			lture, apiary)	☐ Energy Conservation & Renewable Energy ☐ Economic/Marketing ☐ Community Development ☐ Quality of Life ☑ Other _Adding Value to a Farm Product		
IV. PROJECT CATEGORY B						
Check only one category which best represents the crop or animal production enterprise being studied.						
☐ Bee ☐ Dai ☐ Swi ☐ She ☐ Pou ☑ Oil	ry ine ep & Go iltry	ats	☐ Grain Crops ☐ Hay & Forage Crops ☐ Silage Crops ☐ Vegetable Crops ☐ Tree Fruits ☐ Sugar Crops		☐ Small Fruits ☐ Nuts ☐ Ornamentals and turf ☐ Trees (forest and Christmas) ☐ Other	

V. PRACTICES

Please check <u>all</u> relevant practices that are a component of your project. The practices have been arranged by project category for ease of selection. Make your selection based on the practice, not the category heading under which it has been placed.

	Integrated Crop	& Livestock System	
☐ agroecosystem analysis ☐ holistic management	☐ organic agricul ☐ permaculture		olanning added agriculture
	Cron	Production	
☐ agroforestry ☐ biological inoculants ☐ catch crops ☐ continuous cropping ☐ cover crops ☐ crop breeding ☐ crop rotation ☐ double cropping	□ earthworms □ minimum tillage □ fallow □ multiple cropping □ fertigation □ municipal wastes □ foliar feeding □ no-till □ forestry □ nutrient cycling □ green manures □ organic fertilizers □ intercropping □ permaculture □ irrigation □ reduced applications		☐ relay cropping ☐ ridge tillage ☐ soil analysis ☐ strip cropping ☐ stubble mulching ☐ tissue analysis ☐ transitioning to organic ☐ other:
	Anima	I Production	
□ alternative feedstuffs □ alternative housing □ altern. parasite control □ animal protection □ composting □ continuous grazing □ feed additives □ feed formulation	☐ feed rations ☐ free-range ☐ grazing management ☐ herbal medicines ☐ homeopathy ☐ implants ☐ inoculants ☐ livestock breeding ☐ manure management	☐ mineral supplements ☐ multispecies grazing ☐ pasture fertility ☐ pasture renovation ☐ preventive practices ☐ probiotics ☐ range improvement ☐ rotational grazing ☐ shade/shelter	☐ stocking rate ☐ stockpiled forages ☐ therapeutics ☐ watering system ☐ winter forage ☐ other
		Ianagement .	
☐ allelopathy ☐ biological control ☐ chemical control ☐ competition ☐ compost extracts ☐ cultural control ☐ disease vectors ☐ economic threshold ☐ eradication	☐ fallow ☐ field monitoring ☐ flame ☐ genetic resistance ☐ IPM ☐ killed mulches ☐ living mulches ☐ mating disruption ☐ mechanical control	☐ physical control ☐ plastic mulching ☐ precision cultivation ☐ precision herbicide use ☐ prevention ☐ row covers ☐ sanitation ☐ smother crops ☐ soil solarization	☐ traps ☐ trap crops ☐ vegetative mulching ☐ weather monitoring ☐ weed ecology ☐ weeder geese ☐ other
	Soil M	Ianagement	
☐ carbon sequestration ☐ soil organic matter	☐ nutrient mineralization☐ soil physics		☐ soil chemistry ☐ other
	Natural Reso	urces/Environment	
☐ afforestation ☐ biodiversity ☐ biosphere ☐ conservation tillage ☐ contour cultivation	☐ grass hedges ☐ grass waterways ☐ habitat enhancement ☐ hedgerows ☐ indicators	☐ riparian plantings ☐ riverbank protection ☐ soil stabilization ☐ terraces ☐ wetlands	☐ wildlife ☐ windbreaks ☐ woody hedges ☐ other

Education & Training

☐ case study ☐ conference ☐ curriculum ☐ database ☐ decision support system	☐ display ☐ fact sheet ☐ farmer to farmer	☐ focus group☐ mentoring☐ network☐ on-farm rese☐ participatory		☐ study circle ☐ workshop ☐ youth education ☐ other
	Economic/	Marketing		
☐ alternative enterprise	□ cost and returns	☐ feasibility stu	ıdv	☑ market study
☑ budget	☑ direct marketing	☑ financial ana		☐ risk management
☐ cooperatives ☐ e-commerce		☑ food/product		
☐ CSA ☐ farm-to-institution		☐ labor/employ		other
		P		
	Community	Development		
☐ agritourism	☐ leadership development		y ⊠ir	new business opportunities
☐ community planning ☐ local/regional/community		√ □ technical ass	istance 🗆 c	other:
☐ ethnic differences/cultural &	food systems	urban agricu	lture	
demographic change	☐ partnerships	□ urban/rural in	ntegrations	
☐ infrastructure analysis	☐ public participation			
	- •	of Life		_
analysis of personal/family li				community services
☐ employment opportunities	☐ social networks ☐ s	sustainability measu	res \square	other
	Emanas Cancarration	& Denoviable E-		
D biggramy and bigfuels	Energy Conservation	or vehensing the		er consumption
☐ bioenergy and biofuels ☐ wind power		ion/officionar		& consumption
☐ solar energy	☐ energy conservati	ion/enrelency	□ other:	

VI. COMMODITY

Please check <u>all</u> plants and/or animals that are a component of your project.

Plants

☐ barley ☑ canola ☐ corn ☐ cotton ☐ flax ☐ grass hay	☐ grass/legume hay ☐ legume hay ☐ hops ☐ kenaf ☐ millet ☐ oats	Agronomic ☐ peanuts ☐ potatoes ☐ rapeseed ☐ rice ☐ rye ☐ safflower	☐ sorghum ☐ soybeans ☐ spelt ☐ sugarbeets ☐ sugarcane ☐ sunflower	☐ sweetpotatoes ☐ tobacco ☐ wheat ☐ other
☐ artichokes ☐ asparagus ☐ beans ☐ beets ☐ broccoli ☐ brussel sprouts	□ cabbage □ carrots □ cauliflower □ celery □ cucumbers □ eggplant □ escarole	Vegetable ☐ garlic ☐ greens ☐ kale ☐ leeks ☐ lentils ☐ lettuce ☐ onions	 □ parsnips □ peas □ peppers □ pumpkins □ radishes □ rutabagas □ spinach 	☐ squahes ☐ sweet corn ☐ tomatoes ☐ turnips ☐ watermelon ☐ other:
☐ apples ☐ apricots ☐ avocados ☐ bananas ☐ blueberries ☐ brambles	☐ cherries ☐ cranberries ☐ figs ☐ grapefruit ☐ grapes	Fruit ☐ lemons ☐ limes ☐ melons ☐ olives ☐ oranges	☐ peaches ☐ pears ☐ pineapples ☐ plums ☐ quinces	☐ strawberries ☐ tangerines ☐ other
☐ almonds ☐ chestnuts	☐ hazelnuts ☐ macadamia	Nuts ☐ pecans ☐ pistachios	□ walnuts	□ other
☐ herbs ☐ mushrooms	Additional Plants ☐ ornamentals (flowers, shrubs, trees, turf) ☐ native plants (grasses, shrubs, trees)		☐ trees (Christmas, fiber, windbreaks) ☐ other	
□ beef □ dairy	☐ chicken ☐ goats	Animals ☐ rabbits ☐ sheep	□ swine □ turkeys	□ other
□ bees	□ fish	Miscellaneous ☐ ratites	☐ shellfish	□ other

VII. INFORMATION PRODUCTS

Please complete this form for each publication or information product generated as part of this SARE project. Format of publication or information product (check only one): □ Book ☐ Video ☐ Extension pub A Fact Sheet ☐ Handbook ☐ Software ☐ Manual ☐ Workbook ₩ Website ☐ Newsletter D Journal Article ☐ CD-ROM ☐ Other How would you characterize the technical level of this publication? (check all that apply) □ Beginner ☑ Intermediate ☐ Advanced Who is the target audience? (check all that apply) X Farmers ☐ Educators ☐ Researchers ☐ Consumers Author(s): Website (URL): www.canolaoilproducts.com Website (PDF): Ordering Information: Contact Name: Organization: City: _____ State: ____ (such as CA, NY, etc.) Zip Code: _____ Phone Number: _____-Fax Number: ____ - ___ -E-mail: _____ Order website: Publication/product order ID (e.g. extension publication ID): Publication/release date: _____ Available in quantity? Yes No

Shipping & Handling charges? \$_____

ADDITIONAL INFORMATION PRODUCTS

Please complete this form for each publication or information product generated as part of this SARE project. Format of publication or information product (check only one): □ Video □ Book ☐ Extension pub ☐ Handbook ☐ Fact Sheet ☐ Software □ Workbook ☐ Manual ☐ Website □ CD-ROM □ Newsletter ☐ Journal Article ☐ Other _____ How would you characterize the technical level of this publication? (check all that apply) ☐ Intermediate ☐ Advanced ☐ Beginner Who is the target audience? (check all that apply) ☐ Farmers ☐ Educators ☐ Researchers ☐ Consumers Author(s): Website (URL): Website (PDF): Ordering Information: Contact Name: Address: City: _____ State: ____ (such as CA, NY, etc.) Zip Code: ____ Fax Number: _____ - ____ -Phone Number: _____-E-mail: Order website: Publication/product order ID (e.g. extension publication ID): Publication/release date: ______ Available in quantity? ___ Yes ___ No Shipping & Handling charges? \$ Cost: \$