TABLE 1. Acreage Summary, Valencia and Southern Bernalillo Counties,

Actual 2024	
BUDGET AREA	VALENCIA AND SOUTHERN BERNALILLO COUNTIES
FARM SIZE	30 ACRES
IRRIGATION TYPE	FLOOD
NUMBER OF CROPS	5

			WATER	USE		
ACREAGE SUMMARY:		LAND USE (ACRES)	AC.IN. PER AC.	TOTAL AC.IN.		
ALFALFA ESTABLISHMEN ALFALFA OAT HAY SORGHUM HAY GEEN CHILE JALAPENOS DITCHES, HOMESTEAD	ΙΤ	3.50 * 20.00 5.00 5.00 * 1.00 0.00 3.00	12 44 24 24 48 0	42 880 120 120 48 0		
	TOTAL	29.00		1,210		
	ACRE FEET PER ACRE OF WATER RIGHTS					

^{*} DOUBLE-CROPPED

TABLE 2. Basic cost information for Valencia and Southern Bernalillo Counties, Actual 2024

Item				
Labor Wage Rate:		\$/hour		\$16.7
Purchased Inputs:				
Fertilizer:				
Nitrogen (N)		\$/pound		\$0.60
Phosphate (P205)		\$/pound		\$0.78
Seed:				
Alfalfa		\$/pound		\$4.12
Oats		\$/pound		\$0.56
Green Chile		\$/pound		\$125.00
Jalapenos		\$/pound		
Sorghum		\$/pound		\$2.0
Baling wire		\$/pound		\$1.32
Chile Sacks		\$/sack		\$0.1
Canal water		\$/acre		\$48.00
Energy:				
Butane		\$/gallon		\$2.4
Diesel fuel		\$/gallon		\$3.4
Gasoline		\$/gallon		\$2.98
Electricity		cents/KwHr		5.5
Natural Gas		\$/MCF		\$4.0
Employee Liability Insurance		\$/\$1,000 wa	ges	\$12.00
Employee Benefits		percent/wag	es	12.00
Labor Downtime		percent		25.00
Financial Rates:				
Operating Capital Interest Rate		percent		9.25
Land Interest Rate		percent		8.15
Equipment Interest Rate		percent		7.15
Real Interest Rate		percent		1.82
Land Taxes	\$483.00	/acre (full value)		\$4.98
Personal Property Tax Rate	- NR	\$/\$1,000	(Assessed	\$30.9
	- R		Value)	\$27.03
Supervision Factors				
Field Crop-Irrigation		\$/labor hour		\$1.0
Field Crop-Equip & General		\$/labor hour		\$0.50
Vegetable Crop-Irrigation		\$/labor hour	\$2.9	
Vegetable Crop-Equip & General		\$/labor hour		\$1.00
Management Rate				
Field Crops		percent/GR		4.00
Vegetable Crops		percent/TOE	<u> </u>	10.00

TABLE 3. Overhead cost information for Valencia and Southern Bernalillo Counties, Actual 2024 for 30 acres

Item					
Electricity (Domestic & S	hop)		\$57.60	per month	\$691
Telephone			\$44.80	per month	\$538
Accounting & Legal					\$192
Misc. Supplies & Hand T	ools				\$448
Pickup and Auto					
miles	5,274	@	\$0.670 per mile		\$3,533
Insurance					
 general liability (non-e 	mployee)				\$198
- fire/theft					\$166
Property Taxes					
 non-planted land 					\$78
 other than land & mac 	hinery				\$135
Building repairs and mair	ntenance				\$230
Dues, fees, publications					\$128
Farmstead Equipment					\$192
				Total	\$6,530
			Total per planted acre	-	\$251.17

TABLE 5. Alfalfa establishment, flood-irrigated, budgeted per acre costs and returns for a 30 acre part-time farm, Valencia and Southern Bernalillo Counties, Actual 2024

Planting dates: August 15 - September 15 PURCHASED QUANTITY ITEM TOTAL INPUTS PURCHASED INPUTS ALFALFA SEED PHOSPHATE(P2O5) NITROGEN(N) \$4.12 \$0.78 \$0.60 20.00 LBS \$82.40 \$82.40 CANAL WATER 12.00 AC. IN. \$0.00 SUBTOTAL \$82.40 \$82.40 POWER UNIT ACCOMPLISHMENT PURCHASED RATE INPUTS FUEL & LUBE FIXED COST PREHARVEST OPERATIONS TOTAL DISC 65 HP 0.31 HR \$0.66 \$8.36 \$18.70 \$5.20 \$4.49 PLOW DISC 65 HP 65 HP 1.31 HR 0.31 HR \$21.97 \$5.20 \$18.98 \$4.49 \$2.04 \$0.66 \$21.39 \$8.36 \$64.38 \$18.70 LASER PLANE (CUSTOM)
FERTILIZE
BORDER DISC
DRILL (CUSTOM)
IRRIGATE (2X) \$70.71 \$13.69 \$70.71 65 HP 0.20 HR \$3.35 \$2.90 \$0.31 \$7.12 \$7.39 \$32.50 65 HP 0.05 HR \$0.84 \$0.72 \$0.08 \$5.74 \$32.50 1.50 HR \$25.16 \$25.16 SUBTOTAL 3.68 HR \$103.21 \$61.71 \$31.59 \$50.97 \$251.23 \$3.75 OVERHEAD EXPENSES DOWNTIME 0.55 HR \$9.14 \$9.14 EMPLOYEE BENEFITS INSURANCE \$7.41 \$0.74 \$7.41 \$0.74 SUPERVISION AND MANAGEMENT \$15.84 \$15.84 \$33.12 SUBTOTAL 0.55 HR \$0.74 \$32.38 TOTAL OPERATING EXPENSES \$366.75 4.23 HR \$186.35 \$94.09 \$31.59 \$3.75 \$50.97

TABLE 6. Alfalfa hay, flood-irrigated, budgeted per acre costs and returns for a 30 acre part-time farm, Valencia and Southern Bernalillo Counties, Actual 2024

Harvesting dates:May 1 - October 15 ITEM PRICE YIELD TOTAL GROSS RETURNS ALFALFA HAY 4.00 TONS (IN FIELD) \$1,008.00 \$252.00 GRAZING \$20.00 1.00 ACRE \$20.00 \$1,028.00 TOTAL PURCHASED INPUTS FIXED COST PRICE TOTAL QUANTITY PURCHASED INPUTS PHOSPHATE (P2O5) \$0.78 90 LBS \$70.20 \$70.20 1 ACRE 30 LBS HERBCIDE (CUSTOM) \$21.71 \$21.71 WIRE \$1.32 \$39.60 \$39.60 ESTABLISHMENT: Principal 6 YEARS \$61.12 \$61.12 \$18.29 \$18.29 CANAL WATER 44 AC. IN \$48.00 \$48.00 SUBTOTAL \$179.51 \$79.41 \$258.92 POWER ACCOMPLISHMENT FUEL & PURCHASED FIXED PREHARVEST OPERATIONS RATE LABOR REPAIRS TOTAL IRRIGATE (8X) 6.00 HR \$100.62 \$100.62 HARVEST OPERATIONS SWATHER (CUSTOM) \$23.33 \$23.33 \$18.11 BALER, PTO (4X) 65 HP 1.08 HR \$15.65 \$1.52 \$33.39 \$68.67 SUBOTOTAL \$23.33 \$15.65 \$33.39 \$92.00 1.08 HR \$18.11 \$1.52 OVERHEAD EXPENSES DOWNTIME EMPLOYEE BENEFITS \$4.53 \$2.17 \$4.53 \$2.17 0.27 HR INSURANCE LAND TAXES \$0.22 \$0.22 \$4.98 \$4.98 SUPERVISION AND MANAGEMENT OTHER EXPENSES \$47.66 \$47.66 \$251.17 \$251.17 SUBTOTAL 0.27 HR \$251.38 \$54.36 \$4.98 \$310.72 TOTAL OPERATING EXPENSES \$173.09 \$1.52 \$117.78 \$762.27 1.35 HR \$454.22 \$15.65 NET OPERATING PROFIT \$265.73 INTEREST ON OPERATING CAPITAL 9.25% \$93.13 @) \$8.61 INTEREST ON EQUIPMENT \$29.45 RETURN TO LAND AND RISK \$227.67 BUDGET SUMMARY GROSS RETURN VARIABLE OPERATING EXPENSES \$1,028.00 \$471.39 (GROSS MARGIN) RETURN OVER VARIABLE EXPENSES \$556.61 FIXED EXPENSES \$117.78 NET FARM INCOME

LABOR AND MANAGEMENT COST \$438.83 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$173.09 NET OPERATING PROFIT
CAPITAL COSTS \$265.73 (RETURN TO CAPITAL, LAND & RISK) \$38.06 RETURN TO LAND AND RISK

TABLE 7. Small grain hay, flood-irrigated, budgeted per acre costs and returns for a 30 acre part-time farm, Valencia and Southern Bernalillo Counties, Actual 2024
Planting dates: March 1 - May 1
Harvesting dates: June 15 - July 15

Harvesting dates: June 15 - Ju	ly 15									
ITEM	PRICE		YIEL	D						TOTAL
GROSS RETURNS SMALL GRAIN HAY	\$188.00		5.00	NS (IN FIE	ELD)					\$940.00
TOTAL										\$940.00
PURCHASED INPUTS	PRICE		QUANT	TITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$0.56		100	LBS	\$56.00					\$56.00
UREA WIRE	\$0.60			LBS	\$33.00					\$33.00
CANAL WATER	\$1.32			LBS AC. IN.	\$33.00 \$48.00					\$33.00 \$48.00
SUBTOTAL					\$170.00				•	\$170.00
DDELLA DIVENT ODERATIONS	POWER UNIT		ACCOMPLIS		PURCHASED INPUTS	LABOR	FUEL &	REPAIRS	FIXED COST	TOTAL
PREHARVEST OPERATIONS			RAT		INPUIS					
PLOW DISC (2X)	65 HP 65 HP		1.31 0.62			\$21.97 \$10.40	\$18.98 \$8.98	\$2.04 \$1.31	\$21.39 \$16.71	\$64.38 \$37.41
BORDER DISC	65 HP		0.02			\$0.84	\$0.72	\$0.08	\$5.74	\$7.39
DRILL (CUSTOM)	05.110		0.00	un	\$7.53	60.05	60.00	00.04	07.40	\$7.53
FERTILIZE IRRIGATE (4X)	65 HP		0.20 3.00			\$3.35 \$50.31	\$2.90	\$0.31	\$7.12	\$13.69 \$50.31
SUBTOTAL			5.18	HR	\$7.53	\$86.87	\$31.59	\$3.75	\$50.97	\$180.70
HARVEST OPERATIONS										
SWATHER (CUSTOM)					\$23.33					\$23.33
BALER, PTO	65 HP		0.27	HR		\$4.53	\$3.91	\$0.38	\$8.35	\$17.17
SUBTOTAL			0.27	HR	\$23.33	\$4.53	\$3.91	\$0.38	\$8.35	\$40.50
OVERHEAD EXPENSES										
DOWNTIME			0.56	HR		\$9.43				\$9.43
EMPLOYEE BENEFITS INSURANCE					\$1.10	\$10.97				\$10.97 \$1.10
LAND TAXES					\$1.10				\$2.49	\$2.49
SUPERVISION AND MANAGEMENT						\$41.73				\$41.73
OTHER EXPENSES					\$125.58					\$125.58
SUBTOTAL			0.56	HR	\$126.68	\$62.13			\$2.49	\$191.29
TOTAL OPERATING EXPENSES			6.01	HR	\$327.54	\$153.52	\$35.50	\$4.13	\$61.80	\$582.49
NET OPERATING PROFIT										\$357.51
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT		(\$96.14	@	9.25%)				\$8.89 \$47.49
RETURN TO LAND AND RISK										\$301.12
		BUDGET	SUMMARY							
GROSS RETURN			\$940.00							
VARIABLE OPERATING EXPENSES		\$367.17								
RETURN OVER VARIABLE EXPENSES FIXED EXPENSES		\$61.80	\$572.83	(GROS	SS MARGIN)					
NET FARM INCOME			\$511.03	(RETU	IRN TO CAPITAL,	LABOR, LAN	D & RISK)			
LABOR AND MANAGEMENT COST NET OPERATING PROFIT		\$153.52	\$357.51	(RETI	IRN TO CAPITAL,	I AND & PICI	0			
CAPITAL COSTS		\$56.39		(NETU	TO CAPITAL,	LAND OURIO	`')			
RETURN TO LAND AND RISK			\$301.12							

TABLE 8. Sorghum hay, flood-irrigated, budgeted per acre costs and returns for a 30 acre part-time farm, Valencia and Southern Bernalillo Counties, Actual 2024
Plantling dates: July 1 - July 31
Harvesting dates: August 10 - September 30

Harvesting dates: August 10 -	September 30									
ITEM	PRICE		YIEL	.D						TOTAL
GROSS RETURNS SORGHUM HAY GRAZING	\$185.00 \$22.50			TONS (II	N FIELD)					\$925.00 \$22.50
TOTAL									-	\$947.50
PURCHASED INPUTS	PRICE		QUAN	ΓΙΤΥ	PURCHASED INPUTS				FIXED COST	TOTAL
SEED UREA HERBCIDE(CUSTOM) WIRE CANAL WATER	\$2.05 \$0.60 \$21.71 \$1.32		55.00 1.00 17	LBS LBS ACER LBS AC. IN.	\$71.75 \$33.00 \$21.71 \$22.44 \$48.00					\$71.75 \$33.00 \$21.71 \$22.44 \$48.00
SUBTOTAL					\$196.90				-	\$196.90
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLI:		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC FERTILIZE DRILL (CUSTOM) IRRIGATE (4X)	65 HP 65 HP		0.31 0.20 3.00	HR	\$7.53	\$5.20 \$3.35 \$50.31	\$4.49 \$2.90	\$0.66 \$0.31	\$8.36 \$7.12	\$18.70 \$13.69 \$7.53 \$50.31
SUBTOTAL		=	3.51	HR	\$7.53	\$58.86	\$7.39	\$0.97	\$15.48	\$90.23
HARVEST OPERATIONS										
SWATHER (CUSTOM) (2X) BALER, PTO (2X)	65 HP		0.27	HR	\$23.33	\$4.53	\$3.91	\$0.38	\$8.35	\$23.33 \$17.17
SUBTOTAL		-	0.27	HR	\$23.33	\$4.53	\$3.91	\$0.38	\$8.35	\$40.50
OVERHEAD EXPENSES										
DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES			0.15	HR	\$0.76 \$125.58	\$2.43 \$7.61 \$41.19			\$2.49	\$2.43 \$7.61 \$0.76 \$2.49 \$41.19 \$125.58
SUBTOTAL		-	0.15	HR	\$126.34	\$51.23			\$2.49	\$180.06
TOTAL OPERATING EXPENSES		=	3.93	HR	\$354.10	\$114.62	\$11.30	\$1.35	\$26.32	\$507.69
NET OPERATING PROFIT										\$439.81
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT		(\$102.84	@	9.25%)				\$9.51 \$14.39
RETURN TO LAND AND RISK										\$415.91
		BUDGET	SUMMARY							
GROSS RETURN VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES FIXED EXPENSES NET FARM INCOME LABOR AND MANAGEMENT COST NET OPERATING PROFIT CARITAL COSTS		\$366.75 \$26.32 \$114.62	\$947.50 \$580.75 \$554.43 \$439.81	(RETU	SS MARGIN) IRN TO CAPITAL, IRN TO CAPITAL,		•			
NET FARM INCOME LABOR AND MANAGEMENT COST				•			•			

TABLE 9. Green chile, flood-irrigated, budgeted per acre costs and returns for a 30 acre part-time Valencia and Southern Bernalillo Counties, Actual 2024
Planting dates: April 10 - May 1
Harvesting dates: August 1 - October 15

Harvesting dates: Augus	st 1 - October 15		
ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS			
ODEEN OUR E	000.50	ATE AS PUBLIEL O (SOLIDO DED DUQUEL)	00 400 50

GROSS RETURNS GREEN CHILE RED CHILE	\$23.50 \$1.00		275.00 400.00		S (22 LBS PER B	USHEL)				\$6,462.50 \$400.00
TOTAL										\$6,862.50
PURCHASED INPUTS	PRICE		QUANT	ITY	PURCHASED INPUTS				FIXED COST	TOTAL
CHILE SEED NITROGEN (N) HERBICIDE (GRANULAR) INSECTICIDE (GRANULAR) SACKS CANAL WATER	\$125.00 \$0.60 \$35.06 \$19.65 \$0.18		130 1 1 375	LBS LBS X/ACRE X/ACRE EACH AC. IN.	\$875.00 \$78.00 \$35.06 \$19.65 \$67.50 \$48.00					\$875.00 \$78.00 \$35.06 \$19.65 \$67.50 \$48.00
SUBTOTAL				-	\$1,123.21					\$1,123.21
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLIS RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC PLOW DISC LASER PLANE (CUSTOM) LISTER PLANT/BED SHAPE CULTIVATOR (3X) THIN & HOE IRRIGATE (16X)	65 HP 65 HP 65 HP 65 HP		0.31 1.31 0.31 0.54 32.00 1.62 30.00 12.00	HR HR HR HR HR	\$70.71	\$5.20 \$21.97 \$5.20 \$9.06 \$536.64 \$27.17 \$503.10 \$201.24	\$4.49 \$18.98 \$4.49 \$7.82 \$23.47	\$0.66 \$2.04 \$0.66 \$0.84 \$2.53	\$8.36 \$21.39 \$8.36 \$43.17 \$57.69	\$18.70 \$64.38 \$18.70 \$70.71 \$60.89 \$536.64 \$110.85 \$503.10 \$201.24
SUBTOTAL			78.09		\$70.71	\$1,309.57	\$59.26	\$6.73	\$138.96	\$1,585.23
HARVEST OPERATIONS										
HARVEST HAUL & SELL	HALF TON		100.00 20.00			\$1,677.00 \$335.40	\$375.48	\$16.80	\$147.21	\$1,677.00 \$874.89
SUBTOTAL			120.00	HR		\$2,012.40	\$375.48	\$16.80	\$147.21	\$2,551.89
OVERHEAD EXPENSES DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES			6.02	HR	\$39.86 \$251.17	\$101.00 \$398.64 \$463.25			\$4.98	\$101.00 \$398.64 \$39.86 \$4.98 \$463.25 \$251.17
SUBTOTAL			6.02	HR	\$291.03	\$962.88			\$4.98	\$1,258.89
TOTAL OPERATING EXPENSES			204.11	HR	\$1,484.95	\$4,284.85	\$434.74	\$23.53	\$291.15	\$6,519.22
NET OPERATING PROFIT										\$343.28
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT		(\$610.79	@	9.25%)				\$56.50 \$1,608.49
RETURN TO LAND AND RISK										(\$1,321.70)
		BUDGET	SUMMARY							
GROSS RETURN VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES FIXED EXPENSES NET FARM INCOME LABOR AND MANAGEMENT COST NET OPERATING PROFIT		\$1,943.22 \$291.15 \$4,284.85	\$6,862.50 \$4,919.28 \$4,628.13 \$343.28	(RETU	SS MARGIN) RN TO CAPITAL, RN TO CAPITAL,					
CAPITAL COSTS RETURN TO LAND AND RISK		\$1,664.98	(\$1,321.70)						_	

TABLE 11. Summary of per acre costs and returns for a 30 acre part-time farm, Valencia and Southern Bernalillo Counties, Actual 2024

Actual 2024					
	ALFALFA	ALFALFA	SMALL	SORGHUM	GREEN
	ESTABLISHMENT	HAY	GRAIN HAY	HAY	CHILE
		TONS	TONS	TONS	BU/LB
PRIMARY YIELD		4.00	5.00	5.00	275.00
PRIMARY PRICE		\$252.00	\$188.00	\$185.00	\$23.50
GOVERNMENT PAYMENTS		\$0.00	\$0.00	\$0.00	\$0.00
SECOND INCOME		\$20.00	\$0.00	\$22.50	\$400.00
GROSS RETURN		\$1,028.00	\$940.00	\$947.50	\$6,862.50
CASH OPERATING EXPENSES					
SEED	\$82.40		\$56.00	\$71.75	\$875.00
FERTILIZER		\$70.20	\$33.00	\$33.00	\$78.00
CHEMICALS		\$21.71		\$21.71	\$54.71
CROP INSURANCE					
OTHER PURCHASED INPUTS		\$39.60	\$33.00	\$22.44	\$67.50
CANAL WATER	****	\$48.00	\$48.00	\$48.00	\$48.00
FUEL, OIL & LUBRICANTS-EQUIPMENT FUEL-IRRIGATION	\$31.59	\$15.65	\$35.50	\$11.30	\$434.74
REPAIRS	\$3.75	\$1.52	\$4.13	\$1.35	\$23.53
CUSTOM CHARGES	\$103.21	\$23.33	\$30.86	\$30.86	\$70.71
LAND TAXES		\$4.98	\$2.49	\$2.49	\$4.98
OTHER EXPENSES	\$0.74	\$251.38	\$126.68	\$126.34	\$291.03
TOTAL CASH EXPENSES	\$221.69	\$476.37	\$369.66	\$369.24	\$1,948.19
RETURN OVER CASH EXPENSES	(\$221.69)	\$551.63	\$570.34	\$578.26	\$4,914.31
FIXED EXPENSES	\$50.97	\$112.81	\$59.31	\$23.83	\$286.17
TOTAL EXPENSES	\$272.65	\$589.17	\$428.97	\$393.07	\$2,234.37
NET FARM INCOME	(\$272.65)	\$438.83	\$511.03	\$554.43	\$4,628.13
LABOR AND MANAGEMENT COSTS	\$94.09	\$173.09	\$153.52	\$114.62	\$4,284.85
NET OPERATING PROFIT	(\$366.75)	\$265.73	\$357.51	\$439.81	\$343.28
CAPITAL COSTS INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT		\$8.61 \$29.45	\$8.89 \$47.49	\$9.51 \$14.39	\$56.50 \$1,608.49
TOTAL CAPITAL COSTS	\$0.00	\$38.06	\$56.39	\$23.90	\$1,664.98
RETURN TO LAND AND RISK	(\$366.75)	\$227.67	\$301.12	\$415.91	(\$1,321.70)