TABLE 1. Acreage Summary, Valencia and Southern Bernalillo Counties, Actual 2025

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

ACREAGE SUMMARY:		LAND USE (ACRES)		WATER USE AC.IN. PER AC.	WATER USE TOTAL AC.IN.
ALFALFA ESTABLISHMENT		3.50	*	12	42
ALFALFA		20.00		44	880
OAT HAY		5.00		24	120
SORGHUM HAY		5.00	*	24	120
GREEN CHILE		1.00		48	48
JALAPENOS		0.00		0	0
DITCHES, HOMESTEAD		3.00			
	TOTAL	29.00			1,210
	ACRE FEET PER ACRE OF WATER RIGHTS				3.48

* DOUBLE-CROPPED

TABLE 2. Basic cost information for Valencia and Southern Bernalillo Counties, Actual 2025

Item				
Labor Wage Rate:		$/hour		$16.90
Purchased Inputs:				
Fertilizer:				
Nitrogen (N)		$/pound		$0.92
Phosphate (P205)		$/pound		$0.93
Seed:				
Alfalfa		$/pound		$4.60
Oats		$/pound		$0.76
Green Chile		$/pound		$125.00
Jalapenos		$/pound		$85.00
Sorghum		$/pound		$2.05
Baling wire		$/pound		$1.32
Chile Sacks		$/sack		$0.18
Canal water		$/acre		$55.00
Energy:				
Butane		$/gallon		$2.45
Diesel fuel		$/gallon		$3.33
Gasoline		$/gallon		$2.68
Electricity		cents/KwHr		5.90
Natural Gas		$/MCF		$6.27
Employee Liability Insurance		$/$1,000 wages		$12.00
Employee Benefits		percent/wages		12.00%
Labor Downtime		percent		25.00%
Financial Rates:				
Operating Capital Interest Rate		percent		8.75%
Land Interest Rate		percent		7.95%
Equipment Interest Rate		percent		6.45%
Real Interest Rate		percent		1.72%
Land Taxes	$483.00	/acre (full value)		$4.98
Personal Property Tax Rate	- NR	$/$1,000	(Assessed	$30.92
	- R		Value)	$27.03
Supervision Factors				
Field Crop-Irrigation		$/labor hour		$1.00
Field Crop-Equip & General		$/labor hour		$0.50
Vegetable Crop-Irrigation		$/labor hour		$2.90
Vegetable Crop-Equip & General		$/labor hour		$1.00
Management Rate				
Field Crops		percent/GR		4.00%
Vegetable Crops		percent/TOE		10.00%

TABLE 3. Overhead cost information for Valencia and Southern Bernalillo Counties, Actual 2025 for 30 acres

Item					
Electricity (Domestic & Shop)			$57.60	per month	$691
Telephone			$44.80	per month	$538
Accounting & Legal					$192
Misc. Supplies & Hand Tools					$448
Pickup and Auto					
miles	5,274	@	$0.700	per mile	$3,692
Insurance					
- general liability (non-employee)					$198
- fire/theft					$166
Property Taxes					
- non-planted land					$78
- other than land & machinery					$135
Building repairs and maintenance					$230
Dues, fees, publications					$128
Farmstead Equipment					$192
				Total	$6,689
			Total per planted acre		$257.25

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 2025

Planting dates: August 15 - September 15

ITEM	PRICE	QUANTITY		PURCHASED INPUTS					TOTAL
PURCHASED INPUTS									
ALFALFA SEED	$4.60	20.00	LBS	$92.00					$92.00
PHOSPHATE(P2O5)	$0.93								
NITROGEN(N)	$0.92								
CANAL WATER		12.00	AC. IN.						$55.00
SUBTOTAL				$92.00					$147.00

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	65 HP	0.31	HR		$5.24	$4.04	$0.66	$8.07	$18.01
PLOW	65 HP	1.31	HR		$22.14	$17.09	$2.04	$20.20	$61.47
DISC	65 HP	0.31	HR		$5.24	$4.04	$0.66	$8.07	$18.01
LASER PLANE (CUSTOM)				$70.71					$70.71
FERTILIZE/SPRAYER	65 HP	0.40	HR		$6.76	$5.22	$0.62	$13.88	$26.48
BORDER DISC	65 HP	0.05	HR		$0.85	$0.65	$0.08	$5.70	$7.27
DRILL (CUSTOM)				$32.50					$32.50
IRRIGATE (2X)		1.50	HR		$25.35				$25.35
SUBTOTAL		3.88	HR	$103.21	$65.57	$31.05	$4.06	$55.92	$259.81
OVERHEAD EXPENSES									
DOWNTIME		0.60	HR		$10.06				$10.06
EMPLOYEE BENEFITS					$7.87				$7.87
INSURANCE				$0.79					$0.79
SUPERVISION AND MANAGEMENT					$18.76				$18.76
SUBTOTAL		0.60	HR	$0.79	$36.69				$37.47
TOTAL OPERATING EXPENSES		4.48	HR	$196.00	$102.26	$31.05	$4.06	$55.92	$444.29

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 2025

Harvesting dates:May 1 - October 15

ITEM	PRICE	YIELD		TOTAL
GROSS RETURNS				
ALFALFA HAY	$245.00	4.00	TONS (IN FIELD)	$980.00
GRAZING	$23.90	1.00	ACRE	$23.90
TOTAL				$1,003.90

PURCHASED INPUTS	PRICE	QUANTITY		PURCHASED INPUTS	FIXED COST	TOTAL
PHOSPHATE (P2O5)	$0.93	90	LBS	$83.70		$83.70
HERBCIDE (CUSTOM)	$21.71	1	ACRE	$21.71		$21.71
WIRE	$1.32	30	LBS	$39.60		$39.60
ESTABLISHMENT: Principal		6	YEARS		$74.05	$74.05
: Interest					$21.20	$21.20
CANAL WATER		44	AC. IN.	$55.00		$55.00
SUBTOTAL				$200.01	$95.25	$295.26

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
IRRIGATE (8X)		6.00	HR		$101.40				$101.40
HARVEST OPERATIONS									
SWATHER (CUSTOM)				$23.33					$23.33
RAKING/BALING, PTO (4X)	65 HP	1.08	HR		$18.25	$14.09	$1.52	$32.41	$66.27
SUBOTOTAL		1.08	HR	$23.33	$18.25	$14.09	$1.52	$32.41	$89.60
OVERHEAD EXPENSES									
DOWNTIME		0.27	HR		$4.56				$4.56
EMPLOYEE BENEFITS					$2.19				$2.19
INSURANCE				$0.22					$0.22
LAND TAXES								$4.98	$4.98
SUPERVISION AND MANAGEMENT					$46.70				$46.70
OTHER EXPENSES				$257.25					$257.25
SUBTOTAL		0.27	HR	$257.47	$53.45			$4.98	$315.90
TOTAL OPERATING EXPENSES		1.35	HR	$480.81	$173.10	$14.09	$1.52	$132.64	$802.15
NET OPERATING PROFIT									$201.75
INTEREST ON OPERATING CAPITAL		($103.25	@	8.75%)					$9.03
INTEREST ON EQUIPMENT									$25.51
RETURN TO LAND AND RISK									$167.20

BUDGET SUMMARY

GROSS RETURN		$1,003.90	
VARIABLE OPERATING EXPENSES	$496.42		
RETURN OVER VARIABLE EXPENSES		$507.48	(GROSS MARGIN)
FIXED EXPENSES	$132.64		
NET FARM INCOME		$374.85	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	$173.10		
NET OPERATING PROFIT		$201.75	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	$34.55		
RETURN TO LAND AND RISK		$167.20	

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 2025
Planting dates: March 1 - May 1
Harvesting dates: June 15 - July 15

ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS			
SMALL GRAIN HAY	$184.00	5.00 NS (IN FIELD)	$920.00
TOTAL			$920.00

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	$0.76	100 LBS	$76.00		$76.00
UREA	$0.92	55 LBS	$50.60		$50.60
WIRE	$1.32	25 LBS	$33.00		$33.00
CANAL WATER		24 AC. IN.	$55.00		$55.00
SUBTOTAL			$214.60		$214.60

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
PLOW	65 HP	1.31 HR		$22.14	$17.09	$2.04	$20.20	$61.47
DISC (2X)	65 HP	0.62 HR		$10.48	$8.09	$1.31	$16.15	$36.03
BORDER DISC	65 HP	0.05 HR		$0.85	$0.65	$0.08	$5.70	$7.27
DRILL (CUSTOM)			$7.53					$7.53
FERTILIZE/SPRAYER	65 HP	0.20 HR		$3.38	$2.61	$0.80	$18.39	$25.19
IRRIGATE (4X)		3.00 HR		$50.70				$50.70
SUBTOTAL		5.18 HR	$7.53	$87.54	$28.44	$4.24	$60.44	$188.19
HARVEST OPERATIONS								
SWATHER (CUSTOM)			$23.33					$23.33
BALER, PTO	65 HP	0.27 HR		$4.56	$3.52	$0.38	$8.10	$16.57
SUBTOTAL		0.27 HR	$23.33	$4.56	$3.52	$0.38	$8.10	$39.90
OVERHEAD EXPENSES								
DOWNTIME		0.56 HR		$9.51				$9.51
EMPLOYEE BENEFITS				$11.05				$11.05
INSURANCE			$1.11					$1.11
LAND TAXES							$2.49	$2.49
SUPERVISION AND MANAGEMENT				$40.93				$40.93
OTHER EXPENSES			$128.63					$128.63
SUBTOTAL		0.56 HR	$129.73	$61.48			$2.49	$193.70
TOTAL OPERATING EXPENSES		6.01 HR	$375.19	$153.59	$31.96	$4.62	$71.03	$636.39
NET OPERATING PROFIT								$283.61
INTEREST ON OPERATING CAPITAL		($117.74 @	8.75%)					$10.30
INTEREST ON EQUIPMENT								$50.47
RETURN TO LAND AND RISK								$222.84

BUDGET SUMMARY

GROSS RETURN		$920.00	
VARIABLE OPERATING EXPENSES	$411.77		
RETURN OVER VARIABLE EXPENSES		$508.23	(GROSS MARGIN)
FIXED EXPENSES	$71.03		
NET FARM INCOME		$437.20	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	$153.59		
NET OPERATING PROFIT		$283.61	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	$60.77		
RETURN TO LAND AND RISK		$222.84	

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 2025

Planting dates: July 1 - July 31

Harvesting dates: August 10 - September 30

ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS			
SORGHUM HAY	$184.00	5.00 TONS (IN FIELD)	$920.00
GRAZING	$23.90	1.00 ACRE	$23.90
TOTAL			$943.90

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	$2.05	35 LBS	$71.75		$71.75
UREA	$0.92	55.00 LBS	$50.60		$50.60
HERBCIDE(CUSTOM)	$21.71	1.00 ACER	$21.71		$21.71
WIRE	$1.32	17 LBS	$22.44		$22.44
CANAL WATER		24 AC. IN.	$55.00		$55.00
SUBTOTAL			$221.50		$221.50

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	65 HP	0.31 HR		$5.24	$4.04	$0.66	$8.07	$18.01
FERTILIZE/SPRAYER	65 HP	0.20 HR		$3.38	$2.61	$0.80	$18.39	$25.19
DRILL (CUSTOM)			$7.53					$7.53
IRRIGATE (4X)		3.00 HR		$50.70				$50.70
SUBTOTAL		3.51 HR	$7.53	$59.32	$6.65	$1.46	$26.47	$101.43
HARVEST OPERATIONS								
SWATHER (CUSTOM) (2X)			$23.33					$23.33
BALER, PTO (2X)	65 HP	0.27 HR		$4.56	$3.52	$0.38	$8.10	$16.57
SUBTOTAL		0.27 HR	$23.33	$4.56	$3.52	$0.38	$8.10	$39.90
OVERHEAD EXPENSES								
DOWNTIME		0.15 HR		$2.45				$2.45
EMPLOYEE BENEFITS				$7.67				$7.67
INSURANCE			$0.77					$0.77
LAND TAXES							$2.49	$2.49
SUPERVISION AND MANAGEMENT				$41.05				$41.05
OTHER EXPENSES			$128.63					$128.63
SUBTOTAL		0.15 HR	$129.39	$51.16			$2.49	$183.04
TOTAL OPERATING EXPENSES		3.93 HR	$381.75	$115.04	$10.17	$1.84	$37.06	$545.87
NET OPERATING PROFIT								$398.03
INTEREST ON OPERATING CAPITAL		($115.05 @	8.75%)					$10.07
INTEREST ON EQUIPMENT								$22.23
RETURN TO LAND AND RISK								$365.73

BUDGET SUMMARY

GROSS RETURN		$943.90	
VARIABLE OPERATING EXPENSES	$393.77		
RETURN OVER VARIABLE EXPENSES		$550.13	(GROSS MARGIN)
FIXED EXPENSES	$37.06		
NET FARM INCOME		$513.07	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	$115.04		
NET OPERATING PROFIT		$398.03	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	$32.30		
RETURN TO LAND AND RISK		$365.73	

TABLE 9. Green chile, flood-irrigated, budgeted per acre costs and returns for a 30 acre part-time Valencia and Southern Bernalillo Counties, Actual 2025
Planting dates: April 10 - May 1
Harvesting dates: August 1 - October 15

ITEM	PRICE	YIELD		TOTAL
GROSS RETURNS				
GREEN CHILE	$23.50	275.00	BUSHELS (22 LBS PER BUSHEL)	$6,462.50
RED CHILE	$1.00	400.00	LBS	$400.00
TOTAL				$6,862.50

PURCHASED INPUTS	PRICE	QUANTITY		PURCHASED INPUTS	FIXED COST	TOTAL
CHILE SEED	$125.00	7	LBS	$875.00		$875.00
NITROGEN (N)	$0.92	130	LBS	$119.60		$119.60
HERBICIDE (GRANULAR)	$35.06	1	X/ACRE	$35.06		$35.06
INSECTICIDE (GRANULAR)	$19.65	1	X/ACRE	$19.65		$19.65
SACKS	$0.18	375	EACH	$67.50		$67.50
CANAL WATER		48	AC. IN.	$55.00		$55.00
SUBTOTAL				$1,171.81		$1,171.81

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	65 HP	0.31	HR		$5.24	$4.04	$0.66	$8.07	$18.01
PLOW	65 HP	1.31	HR		$22.14	$17.09	$2.04	$20.20	$61.47
DISC	65 HP	0.31	HR		$5.24	$4.04	$0.66	$8.07	$18.01
LASER PLANE (CUSTOM)				$70.71					$70.71
LISTER	65 HP	0.54	HR		$9.13	$7.04	$0.84	$42.68	$59.69
PLANT/BED SHAPE		32.00	HR		$540.80				$540.80
CULTIVATOR (3X)	65 HP	1.62	HR		$27.38	$21.13	$2.53	$56.21	$107.25
THIN & HOE		30.00	HR		$507.00				$507.00
IRRIGATE (16X)		12.00	HR		$202.80				$202.80
SUBTOTAL		78.09	HR	$70.71	$1,319.72	$53.35	$6.73	$135.23	$1,585.75
HARVEST OPERATIONS									
HARVEST		100.00	HR		$1,690.00				$1,690.00
HAUL & SELL	HALF TON	20.00	HR		$338.00	$338.06	$16.80	$147.21	$840.07
SUBTOTAL		120.00	HR		$2,028.00	$338.06	$16.80	$147.21	$2,530.07
OVERHEAD EXPENSES									
DOWNTIME		6.02	HR		$101.78				$101.78
EMPLOYEE BENEFITS					$401.73				$401.73
INSURANCE				$40.17					$40.17
LAND TAXES								$4.98	$4.98
SUPERVISION AND MANAGEMENT					$465.44				$465.44
OTHER EXPENSES				$257.25					$257.25
SUBTOTAL		6.02	HR	$297.42	$968.95			$4.98	$1,271.35
TOTAL OPERATING EXPENSES		204.11	HR	$1,539.94	$4,316.67	$391.41	$23.53	$287.42	$6,558.98
NET OPERATING PROFIT									$303.52
INTEREST ON OPERATING CAPITAL		($630.50	@	8.75%)					$55.17
INTEREST ON EQUIPMENT									$1,447.03
RETURN TO LAND AND RISK									($1,198.67)

BUDGET SUMMARY

GROSS RETURN		$6,862.50	
VARIABLE OPERATING EXPENSES	$1,954.88		
RETURN OVER VARIABLE EXPENSES		$4,907.62	(GROSS MARGIN)
FIXED EXPENSES	$287.42		
NET FARM INCOME		$4,620.19	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	$4,316.67		
NET OPERATING PROFIT		$303.52	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	$1,502.20		
RETURN TO LAND AND RISK		($1,198.67)	

TABLE 11. Summary of per acre costs and returns for a 30 acre part-time farm, Valencia and Southern Bernalillo Counties, Actual 2025

	ALFALFA ESTABLISHMENT	ALFALFA HAY	SMALL GRAIN HAY	SORGHUM HAY	GREEN CHILE
		TONS	TONS	TONS	BU/LB
PRIMARY YIELD		4.00	5.00	5.00	275.00
PRIMARY PRICE		$245.00	$184.00	$184.00	$23.50
GOVERNMENT PAYMENTS		$0.00	$0.00	$0.00	$0.00
SECOND INCOME		$23.90	$0.00	$23.90	$400.00
GROSS RETURN		$1,003.90	$920.00	$943.90	$6,862.50
CASH OPERATING EXPENSES					
SEED	$92.00		$76.00	$71.75	$875.00
FERTILIZER		$83.70	$50.60	$50.60	$119.60
CHEMICALS		$21.71		$21.71	$54.71
CROP INSURANCE					
OTHER PURCHASED INPUTS		$39.60	$33.00	$22.44	$67.50
CANAL WATER		$55.00	$55.00	$55.00	$55.00
FUEL, OIL & LUBRICANTS-EQUIPMENT	$31.05	$14.09	$31.96	$10.17	$391.41
FUEL-IRRIGATION					
REPAIRS	$4.06	$1.52	$4.62	$1.84	$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	$0.79	$257.47	$129.73	$129.39	$297.42
TOTAL CASH EXPENSES	$231.11	$501.39	$414.26	$396.26	$1,959.86
RETURN OVER CASH EXPENSES	($231.11)	$502.51	$505.74	$547.64	$4,902.64
FIXED EXPENSES	$55.92	$127.66	$68.54	$34.57	$282.45
TOTAL EXPENSES	$287.03	$629.05	$482.80	$430.83	$2,242.31
NET FARM INCOME	($287.03)	$374.85	$437.20	$513.07	$4,620.19
LABOR AND MANAGEMENT COSTS	$102.26	$173.10	$153.59	$115.04	$4,316.67
NET OPERATING PROFIT	($389.29)	$201.75	$283.61	$398.03	$303.52
CAPITAL COSTS					
INTEREST ON OPERATING CAPITAL		$9.03	$10.30	$10.07	$55.17
INTEREST ON EQUIPMENT INVESTMENT		$25.51	$50.47	$22.23	$1,447.03
TOTAL CAPITAL COSTS	$0.00	$34.55	$60.77	$32.30	$1,502.20
RETURN TO LAND AND RISK	($389.29)	$167.20	$222.84	$365.73	($1,198.67)