

# GROSS MARGIN BUDGET

your budget

OVERNMENT   MINING	/ Industries					2	and the second second		1	
Area Unit = 1 ha	ASPAF	RAG	US - F	- resh	Gree	eI	า			<b>20</b> <sup>-</sup>
	SECOND YEAR & BEYOND									standard budget
NCOME: Anticipated Yield	Item 1st Grade		ntity boxes	Ra	ate @	¢	Pri 33.00		\$	26,400.0
		000	DUXES							-
					A. Gross	Inc	:ome/ha		\$	26,400.0
DPERATING COS Seed and Plants					ka/ba	¢	\$ C		¢	
beeu anu Fiants	Nil for established crop (see	NOTES)			kg/ha	\$	-	/kg	\$	-
ertiliser	Urea			330	kg/ha	\$	0.86	/kg	\$	283.8
	Sulphate of Potash			60	kg/ha	\$	1.12	/kg	\$	67.2
	Super Phosphate			500	kg/ha	\$	0.48	/kg	\$	240.0
	Organic Manure			1.8	tonne/ha	\$	55.00	/tonne	\$	99.0
	Micro Nutrients			5	L /ha	\$	6.50	/L	\$	32.5
uel	Ground/Bed Preparation	15	L/hr	7.5	hr/ha	\$	1.15	/L	\$	129.3
	Chemical Applications	12	L/hr	1.0	hr/ha	\$	1.15	/L	\$	13.8
	Fertiliser Applications		L/hr		hr/ha	\$	1.15		\$	3.4
	Harvest/Crate Pick Up		L/hr		hr/ha	\$	1.15		\$	69.0
	Slash/Windrow & Bale		L/hr		hr/ha	\$	1.15		\$	129.3
Chemicals	Pre-emergent Herbicide	n	applications	25	L/ha	\$	8.00	/kg	\$	40.0
	-			-	kg/ha			0		40.0 54.1
	Post-emergent Herbicide		application		-	\$		/kg	\$	
	Post-emergent Herbicide		applications		L/ha		63.00	/kg	\$	51.6
	Insecticide Fungicide		application applications	0.8	L/ha	\$	8.15	/L	\$	18.3
Water	Sprinkler Irrigation			11.0	ML/ha	\$	60.00	/ML	\$	660.0
_abour	Tractor Driving	1	person	31.3	hr/ha	\$	25.00	/hr	\$	782.5
	Irrigation/Fertigation	1	person	2.0	hr/ha	\$	25.00	/hr	\$	50.0
	Hand Harvest		people		boxes	\$		/box	\$	6,240.0
	Pick Up		person		boxes	\$	0.30	/box	\$	240.0
	Packing (on farm)		people		boxes	\$	8.40	/box /box	\$	6,720.0
	Shed/Forklift		person		boxes	\$		/box /box	\$	80.0
Electricity/Gas	Irrigation Pumps			11.0	ML/ha	\$	80.00	/ML	\$	880.0
	Packing Shed				hr/ha	\$		/hr	\$	477.1
	Cool Room				hr/ha	\$		/hr	\$	132.3
ackaging	Package Materials			800	boxes	\$	1.40	/box	\$	1,120.0
Fackaging	Accessories (rubber bands)				boxes	\$		/box /box	\$	240.0
Freight/Transport	Truck	144	boxes/ pallet space	\$ 115.00	cost per pallet space		\$0.80	/box	\$	638.8
Other Costs	No Levy Payable									
	Commissions			15%					\$	3,960.0
					B. Total C	Dpe	erating (	Costs	\$	23,452.4
Break-even Price	e \$28.67 / box for	800	boxes/ ha		Gross Ma	rai	n nor h	o (∧_B)	\$	2,947.5

#### **PRODUCT TRADE NAMES**

The product trade names in this publication are omitted on the understanding that no preference between equivalent products is intended and that the inclusion of a product does not imply endorsement by NSW DPI over any other equivalent product from another manufacturer.



## **ASPARAGUS - Fresh Green**

### SENSITIVITY ANALYSIS

TABLE 1- Effect of Yield and Price on Gross Margin /ha									
	YIELD			RED PRIC	-				
	(boxes)	27.00	30.00	33.00	36.00	39.00	42.00		
	500	-\$2,288	-\$1,013	\$262	\$1,537	\$2,812	\$4,087		
	650	-\$1,710	-\$53	\$1,605	\$3,262	\$4,920	\$6,577		
	800	-\$1,132	\$908	\$2,948	\$4,988	\$7,028	\$9,068		
	950	-\$555	\$1,868	\$4,290	\$6,713	\$9,135	\$11,558		
	1100	\$23	\$2,828	\$5,633	\$8,438	\$11,243	\$14,048		
NOTES:									
Authors	- This budget was prepare	d by G.Kell	y, T.Napier	and S.Wa	tts and out	lines produ	uction for in	land NSW.	
Area	- Growing occurs at Cowra	. Sunravsia	a. Bathurst	and Denilio	uin.				
	g	, <u> </u>	.,						
Production	- Fresh green asparagus is		-	ocessed as	paragus (o	canned) ha	s declined.		
	- 'Ida Lee' and 'UC157' are								
	- Sprinkler irrigation is com		-	-		-	-		
	- Plant spacings are 25 to		•	ows 1.5 to 2	m apart a	ire commo	n. Double ro	ows on wider	
	<ul><li>beds, 2.5 m apart are sor</li><li>Plant populations vary or</li></ul>			o 54 000 pl	onto/ho)				
	<ul> <li>New asparagus plantings</li> </ul>	•	•		,	h full produ	uction offer	2 to E vooro	
	- New fields can be establi			-		-		-	
	Seed \$1,000/kg, seedling		-			-		- ·	
	- Asparagus can grow on a		-						
	- Asparagus responds wel	-				01003 1001	System to g	J10W.	
	- Weed control is essentia	-	-						
	- Cool chain management	-				ps), and ch	nemical resi	idue levels important.	
	-			-					
	- Thrips are the main insec		-						
& Disorders	- Stemphylium stem and le	-			-	topthora ro	ot can occur	in cool conditions.	
	- Boron deficiency can cau	-		-					
	- Strong winds cause bent	spears and	scarring c	lue to sand	blasting.				
Harvesting	- Field sections can be ma	naged to al	low harves	sts from Jul	v to March	. Natural d	ormancv oc	curs in winter.	
	- Harvest intervals depend	-			-		-		
	- Harvesting is by hand. M								
	- An average harvest seas			-					
Destaution	Democratic menter to filmed		h						
Раскаділд	- Domestic markets - fibrel	-	-	-					
	- Export markets - wooden	box 5 kg 0	r iu kg or e	o ky waxeu	canons. L	arger diam	ieter sizes p	prerented.	
Yields	- Yields vary with plant pop	oulation and	l crop vigo	ur and rang	e from 4 to	o 8 tonne p	er hectare.		
Economic	- This budget is ONLY A	GUIDE and	l is specific	to the regi	ons specif	ied. Costs	and income	e can be	
	altered for changes in cro	p manager	ment or inp	ut prices. F	armers sh	ould use th	neir own figi	ures.	
	- The budget uses a forma			-			-		
	- Average prices for 2012	were used f	or this bud	lget. Overh	ead costs	or GST are	not include	əd.	

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### **Australian Government**

Australian Centre for International Agricultural Research