(2) a)

Variairen de décisair - m- quantidede de milho a- quantidede de alfafa

funçar objectivo 20000 m + 10 000 a

Nestrion m+a ≤8 m ≤4

20000 a + 10000 m & 80000

m, a > Ø

Máx 2m+a	
Dm+a < 8 m < 4	
pm + 2a ≤8	
m, a ≥0 Se m+2a≤8 ⇒	ger"
D m+ Q < 8	٠.
bogs ette vestriçãos	1

optim

	m	a	les	1e2		
Ug	1	2	4	0	8	
Uz	1	0	0	1	4	
	1-2	-1	0	0	0	

	m	a	len	le z		
41	0	(2)	1	-1	4	(4)
m	1	0	0	1	4	(∞)
	0	-1	0	2	8	

	W	a	le le	
a	0	1	1/2 - 1/2	2
m	1	0	0 1	4
	0	0	1/2 3/2	10

A decisar oftime e produciv 4 alqueires milhor 2 alqueires alfafe

Cuero bruto-100.000 400

$$m+a \leq 8$$

 $m \leq 4$
 $m+2a \leq 8$
 $a \geq 0.30 \times 8 = 2.4$
 $a, m \geq 0$

$$m + 44 = 4$$

 $m + 2a + 42 = 8$
 $a \neq 43 + 54 = 2.4$
 $a, m \ge 0$

1111 2-51

,	3.						
m	a	len	لاي	(l3	Sal		
1	0	· · · · · · · · · · · · · · · · · · ·	0	O	0	4	(0)
1	2	0	1	0		8	(4)
0		0	0	- 1	1	12/5	(145)
0	O	O	0	0	1	0	
0	-1	0	0	1.	- 1	1-12/	3
0	-1	9	9	4	9	- 12/3	5
	1	1 20001	1 0 1 1 2 0 0 1 0 0 0 1	1 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0 0 1 1 2 0 1 0 0 1	1 0 1 0 0 0 1 2 0 1 0 0 0 1 0 0 -1 1 0 0 0 0 1 0 -1 0 0 1 - 1	1 0 1 0 0 0 4 1 2 0 1 0 0 8 0 1 0 0 -1 1 1 ² / ₅ 0 0 0 0 1 0 0 -1 0 0 1 -1 -1 ² / ₆

IMSE	m	a	Un	Ur	Q s	Sal	
was consistent of the second o	4	0	4	6	0	0	4 (4)
(2) le ₂	7	0	0	1	2	-2	16/5 (19/5)
(3) a	0	1	0	0	- 1	1	12/5
min sy	0	0	0	0	0	1	0
1. vH.	2	1	0	0	0	0	Or a second
, ,	0	1	Q	0	-1		12/5
	1-2	0	9	0	-1	A CONTRACT OF THE PARTY OF THE	12/5

Principle of the Control of the Cont	W	OL.	u,	U2	U3	*
(eq	0	0	4	-1	- 2	1. 60
m	4	0	0	Pa	2	16/5 = 3.2
a	Ø	4	0	0	-1	12/5 = 2.4
Most control of the second of	0	0	0	2	3	44/5 = 8.8

Se existir a mora restriction à decision offirme i producir 32 alqueires de milhor 2.4 alqueires de alfafa

mero but 88.000 00