

EVALUATION DATA

2007 DATA

NSW Evaluation of AI queens

The queens were over wintered and moved to canola then to Paterson's Curse honey flow. Honey production figures were recorded up to December.

Line Number	Production/kg	Line Number	Production/kg	Line Number	Production/kg
1	45.7	2	58.9	2 (a)	53.2
3	54.4	4	45.7	4(a)	35.8
5	54.4	6	23.3	7	30.4
7(a)	29.2	8	56.3	8(a)	30.4
9		10	52.3	11	57.4
11(a)	34.4	12	53.5	12(a)	22.3
13	37.5	13(a)	35.8	14	52.1
14(a)	49.3	15	47.5		

Queensland Evaluation of AI queens

These hives worked the channel country that did not yield a lot of honey and put all hives under stress in spring. The hives obtained bountiful supplies of pollen that lead to honey production from spotted gum and narrow lead ironbark.

Line Number	Production/kg	Line Number	Production/kg	Line Number	Production/kg
1(a)	47	2(b)	80	3(a)	60
4(b)	48	5(a)	113	5(b)	70
6(a)	58	7(b)	120	7(c)	65
8(b)	67	8(c)	63	9(a)	80
10(a)	81	11(b)	117.5	11(c)	81
13(b)	142	14(b)	60	15(a)	118
15(b)	80				

FOR 2008 EVALUATION - NSW- SURVIVING QUEENS

Line no.	Total kgs	Line no.	Total kgs	Line no.	Total kgs
1	92.55				
2	36	2	60.6	2	63.4
3	24.3				
4	58.8	4	64.65	4	75.62
4	59.3				
5	58.8	5	98.55		
6	96.25	6	87.6		
7	-				
8	81.55				
9	58.05	9	46.05	9	52.05
9	35.8				
10	71.55				
11	72.9	11	28.95	11	37.2
12	54.65	12	44.85		
13	79.7	13	47.7	13	36.65
13	68.55				
14	73.4	14	93.8	14	96.4
14	117.0				
15	44.3	15	79.1	15	66.55
15	46.6				

PERSONAL OBSERVATIONS OF LAURIE DEWAR

DURING 2008-09

These are personal observations from Laurie Dewar whilst he had the returned AI queens in his cell builder colonies during 2008-09. These were the queens, returned from the 2008 evaluation, from which the reproduction of AI queens for progeny evaluation, during 2009-10, were made.

Line 1 - good producer

Line 2 - one of the top producers - 50% red queens (*cordovan*)

Line 3 - very tidy bee- good producer

Line 4 - inclined to show EFB - not as significant as last round

Line 5 - excellent queen cell builder- good amount of honey and royal jelly

Line 6 - EFB but not as bad as last round - okay for honey

Line 7 - good clean bee - good honey

Line 8 - very good all round bees - very quiet

Line 9 - shows evidence of hygienic behaviour not tested

Line 10 - shows signs of inbreeding- old queens needs work

Line 11 - excellent line of bee - very constant

Line 12 - good pollen hoarder- average honey

Line 13 - good producer

Line 14 - good producer

Line 15 - longevity - good producer