

### 3.5.8 OATS (VICTORIA)

**Researcher:** Angela Clough, Ballarat DPI

**Co-operators:** Gnarwarre (Gnarwarre SFS),  
Lake Bolac (Streatham site),  
Strathkellar for wheat and Tabor  
for canola, barley and oats  
(Hamilton site).



Department of  
Primary Industries

**Table 53: Oats - Results**

	Hamilton %	Streatham %
<b>Sown:</b>	12 June	20 June
<b>Site mean:</b>	4.22	6.72
<b>CV%</b>	6.1	14.1
<b>Average LSD:</b>	10	23
<b>Echidna t/ha</b>	<b>4.38</b>	<b>6.87</b>

	% Echidna	
	Hamilton	Streatham
ECHIDNA	100	100
EURO <sup>29</sup>	100	106
MORTLOCK	88	69
POTOROO	104	110
QUOLL <sup>29</sup>	113	104
POSSUM <sup>29</sup>	94	101
YIDDAH <sup>29</sup>		90
SV93081-21	108	106
SV94046-57	91	82
SV95057-35	103	103
SV95060-56	87	
SV95110-12	97	102
SV95111-48	101	86
SV95124-3	93	
SV95149-39	100	112
SV96025-7	92	
SV96200-5	87	

	% Echidna	
	Hamilton	Streatham
SV96201-9	106	
SV96204-11	116	
SV96204-5	107	
SV96204-9	110	
SV97002-2	92	
SV97002-32	91	
SV97002-72	87	
SV97004-12	84	
SV97192-26	100	
SV97211-1	90	
SV97211-3	96	
SV97212-8	88	
SV97213-11	90	
SV97216-1	87	
SV97232-2	89	
SV97234-1	94	

<sup>29</sup> Plant Breeder's Rights Apply.

#### Findings:

All released varieties except Mortlock gave similar grain yields. Similarity between varieties could be attributed to the lack of disease pressure. Mortlock yielded significantly lower at both sites as was expected given the variety's long term yield average.

The newly released variety, Possum, did not yield any better than Echidna but was within expectations given the relatively low rainfall. Possum's release was due more to disease resistance and milling quality than yield. Four lines at Streatham yielded significantly higher than Echidna. Unfortunately, SV94046-57 was not one of them. SV94046-57 has been in Stage 4 testing for 4 years but this year yield significantly lower than Echidna at both sites.