

OSP Demo Farm – Summary of Key Facts 2015/16 Season

| | | |
|----------------------------|-----------------|--------------------|
| Final Production | 152,086kg | milk solids |
| 2014/15 season total | 85,350kg | milk solids |
| Production Increase | 66,763kg | milk solids |

Value of additional milk solids estimated at \$4.00 per kg. Farm is not shared up but is expected to get some protein premium and is milking some cows on the shoulders of the season:

= \$266,994

Cost of additional feed:

= \$265,291

Difference:

= \$1,653

| | 2014/15 | 2015/16 |
|------------------------|----------------|----------------|
| Effective hectares | 100 | 78 |
| Cow numbers at peak | 260 | 276 |
| Stocking rate at peak | 2.6 | 3.54 |
| Production per hectare | 853.50 | 1949.82 |

Cow Live Weights

| | |
|---------------------------------------|--------------|
| 21 October 2015 | 447kg |
| 9 December 2015 | 471kg |
| 31 May 2016 | 510kg |
| Less Calf/Placenta (est) | -17kg |
| | 493kg |
| Average Live Weight gain for season = | 46kg |

Body Condition Score

| | |
|-----------------|------|
| 1 August 2015 | 5.0 |
| 21 October 2015 | 4.6 |
| 9 December 2015 | 4.63 |
| 31 May 2016 | 4.8 |

Conclusions

- Production gain has exceeded expectations but at an income level of \$4.00 per kg milk solids the cost of the extra production is barely covered
- At higher income levels the financial benefit of the production gains becomes significant, e.g. at \$5.50 per kg milk solids the gross margin over imported feed would be around \$229,709
- Live weight gains are impressive when going hand-in-hand with extra production
- Cow condition is good
- The herd is well setup for further production gains next season
- Empty and older cows have been culled
- 20 percent of the farm has been re-grassed during this initial season which limited pasture availability at times