1988

**Pasture cultivar comparison - large plots.**

Bradley Nutt

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**Trial:** 88TS63

**Title:** Pasture cultivar comparison - large plots.

**Aim:** To evaluate the effect of various legume pasture cultivars on pasture and crop production.

**Location:** Perenjori - T Cooran.

**Soil Type:** Red sandy clay loam, pH 5.3 (1:5 water) 3.9 (1:5 0.01M CaCl2)

**April to October Rainfall:** 267 mm.

**Fertilizer:** Superphosphate 70 kg/ha drilled at seeding.

**Sowing Date:** 25/5/88

**Results:**

<table>
<thead>
<tr>
<th>CULTIVAR</th>
<th>DRY MATTER YIELD (g/m2) 27 JUL</th>
<th>24 AUG</th>
<th>30 SEP</th>
<th><strong>SEED YIELD (g/m2)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Serena</td>
<td>60</td>
<td>190</td>
<td>144</td>
<td>64.6</td>
</tr>
<tr>
<td>Santiago</td>
<td>113</td>
<td>277</td>
<td>248</td>
<td>80.0</td>
</tr>
<tr>
<td>Cyprus</td>
<td>37</td>
<td>96</td>
<td>125</td>
<td>18.5</td>
</tr>
<tr>
<td>Parabinga</td>
<td>87</td>
<td>270</td>
<td>380</td>
<td>27.7</td>
</tr>
<tr>
<td>Parragio</td>
<td>46</td>
<td>158</td>
<td>215</td>
<td>11.2</td>
</tr>
<tr>
<td>Harbinger</td>
<td>40</td>
<td>142</td>
<td>91</td>
<td>18.1</td>
</tr>
<tr>
<td>Zodiac</td>
<td>69</td>
<td>187</td>
<td>294</td>
<td>0.5</td>
</tr>
<tr>
<td>Swani</td>
<td>18</td>
<td>87</td>
<td>77</td>
<td>29.6</td>
</tr>
<tr>
<td>Parragosa</td>
<td>58</td>
<td>157</td>
<td>175</td>
<td>0.4</td>
</tr>
<tr>
<td>Sava</td>
<td>43</td>
<td>161</td>
<td>240</td>
<td>38.8</td>
</tr>
<tr>
<td>Nungarin</td>
<td>56</td>
<td>204</td>
<td>372</td>
<td>18.6</td>
</tr>
<tr>
<td>Dalkeith</td>
<td>63</td>
<td>217</td>
<td>398</td>
<td>14.0</td>
</tr>
<tr>
<td>Daliak</td>
<td>62</td>
<td>227</td>
<td>386</td>
<td>4.8</td>
</tr>
<tr>
<td>Hykon</td>
<td>47</td>
<td>182</td>
<td>339</td>
<td>11.0</td>
</tr>
<tr>
<td><strong>LSD (p=0.05)</strong></td>
<td>31</td>
<td>78</td>
<td>104</td>
<td>14.5</td>
</tr>
</tbody>
</table>

**Comments:**
The results above were recorded from ungrazed pastures. There was a grazed treatment however these plots were grazed out by stock due to the poor quality of surrounding pastures.