



PIONEER[®]
BRAND • SEEDS

Amazing production from CQ

This season Ross Armstrong produced what is likely to be a record in Central Queensland for grain production. Over the past 12 months Ross had four centre pivots erected on Coolibah Plains. Working closely with Ben Marshall from Marshall Seed and Grain Services, they have gone on to produce outstanding yields looking closely at hybrid selection, plant nutrition and sound agronomics.

The program started with zero soil moisture in spring with Ross planting Bonus and Enforcer. Ross established 80,000 plants per hectare and used 4.5 ML per hectare of water to grow the crop and 122 units of nitrogen applied mainly as urea. This was applied through the water with the sprinkler. The crop was also treated with Mouseoff as there was mouse damage under both pivots. The crop averaged 7.3 tonnes per hectare off the two pivots with Bonus out-yielding Enforcer.



**Ross and
Alexander
Armstrong in
spring Bonus**

The country was then disc-ploughed twice and planted to corn. Ross planted several varieties of corn, including 3237, 3153, 31G98 and some 31H50. The crop was established between 51-60,000 plants per hectare, The crop was shield-sprayed to remove sorghum seedlings. Zincstar 5 was applied as a starter and a total of 192 kg of Nitrogen was applied through the crops' development again mainly through the water. The corn produced a paddock average of 9.8 tonnes per hectare and used a total of 2.6 ML per hectare. The crop received late rain which would have saved about 0.5 ML per hectare.



**Ross Armstrong
and Stephen
Wilson from
Pioneer in Ross's
corn crop.**

This gave a total production for the year of 17.1 tonnes per hectare of sorghum and corn using 7.1 ML per ha of water. Ben Marshall congratulated Ross on his production as this is likely to be a record for Central Queensland over a 12 month period.