

# Soil Erosion Solutions

*Helping north coast landholders reduce soil erosion*

## Reducing risks in blueberries



**BEFORE**



drain

**AFTER**

**The Site:** The ex banana block on a steep site with poor soil and surrounded by residential development was being prepared for new planting of blueberries.

*Landholder: Sohan Atwal*

*Location: Korora – Coffs Harbour Catchment*

*Land use: Bananas and blueberries*

*Soil Erosion Solutions Grant: \$9,320*

*Landholder's in kind contribution: \$9,360*

### **The Project**

- Minimise soil loss from a steep horticultural site by integrating soil conservation measures into the development of a new blueberry block.
- Surface drainage and cross-slope graded banks installed to reduce slope lengths and the water flow speeds. A sediment basin was built. Groundcovers were sown to cover all bare soil.



### **The Outcomes:**

- The long steep slope is now divided in two.
- Excess runoff is directed to safe disposal areas.
- Any sediment lost from the slope is caught in the sediment basin and does not leave the farm.
- Water use efficiency will be greater as water does not accumulate at the base of the slope.



Northern Rivers

**CMA**

CATCHMENT MANAGEMENT AUTHORITY