

# Cal-Force 1



**SOIL ACIDITY &  
PERMEABILITY  
PROBLEMS**



**PASTURE  
FERTILITY**



**IRRIGATION  
APPLICATIONS**

**CAL-Force 1 is a semi- organic colloidal/ionic product based in calcium and carbon which can be used to:**

- ✓ Increase organic carbon levels in soil
- ✓ Increase calcium saturation and improve seed germination
- ✓ Reduce permeability problems and soil acidity problems
- ✓ Reduce sodium carbonate accumulation in soil and water
- ✓ Strengthen plant cell structure and root system
- ✓ Reduce SAR in water
- ✓ Increase soil microorganisms
- ✓ Improve quality of produce



CALFORCE 1 was used to adjust the pH of this soil sample from 4.8 to just under 7.0.

By using different percentage ratios of CALFORCE 1, you can adjust the pH of your soil to best suit your crop. (eg 3%, 5%, 7% or 10% solution)



# AGRIFORCE

[www.agriforce.com.au](http://www.agriforce.com.au)

Freecall 1800 624 597  
Phone: 07 4685 2003  
Fax: 07 4685 2446  
[info@agriforce.com.au](mailto:info@agriforce.com.au)

ABN: 27 054 423 344

# Cal-Force 1



## Optimum pH range for Crops, Pastures, trees & Shrubs

**pH Range**

**5.5 - 6.0**

**6.2 - 6.7**

**6.5 - 7.5**

### Crops & Pastures

Potatoes	Sugar Beet, Sugar Cane	Lucerne
Tobacco	Lettuce, Soybeans	Clover
Rice	Cucurbits, Carrots	Wheatgrass
Vetches	Red Clover, Couch	Asparagus, Cotton
Cassava	Buffel, Kikuyu	Wheat, Corn, Oats, Triticale
	Brassicas, Lettuce	Sorghum, Chickpeas, Canola
	Bermuda, Lupin	
	Tomatoes, Capsicums	
	Millet, Triticale	

### Trees & Shrubs

Blueberries	Apricot	Eucalyptus
Cranberries	Cherries	Walnuts
Azaleas	Apples	Leucanena
Tea	Stone Fruit	Alder
Coffee	Pears	
	Cypress	
	Laurel	
	Oaks	
	Cedar	

#### NOTES:

- 1) CALFORCE 1 can be mixed with nitrogen, calcium magnesium, boron, zinc & copper products.
- 2) CALFORCE 1 can be applied to soil, released through irrigation and foliar sprayed.
- 3) CALFORCE 1 is not compatible with phosphorus, manganese and chloride compounds.
- 4) The mixture of three or more products can reduce the efficiency of one of them.
- 5) Always test for compatibility first.

## Composition

5.0% Organic Carbon  
5.0% Colloidal Calcium  
2.0% Ionic Calcium

## Application

- 1) Soil Treatment: 20-30 Litres per Hectare
- 2) Through Irrigation: 20-30 Litres per Hectare
- 3) As foliar spray : 7Litres per Hectare / 100 - 150 Litres of water spray
- 4) Water Treatment: 100 Litres / Megalitre of water
- 5) Entrapment Systems: according to water analysis - seek our technical advice



# AGRIFORCE

[www.agriforce.com.au](http://www.agriforce.com.au)

Freecall 1800 624 597  
Phone: 07 4685 2003  
Fax: 07 4685 2446  
[info@agriforce.com.au](mailto:info@agriforce.com.au)

ABN: 27 054 423 344