



°CelsiusPro

EMERGENCE

Weather Certificate for Australian Farmers

With Celsius Pro's Emergence Weather Certificate, you get **Instant Payment** in to your account if your crop doesn't get the rain it needs. No damage assessments and No claims.

What Is an Emergence Weather Certificate?

The Emergence Weather Certificate is a weather derivative which farmers can purchase to hedge the risk of a Dry Season after they get sufficient germinating rain. The cover helps to underwrite the cost of inputs during the establishment period should forecasts turn dry. **The Weather Certificate is designed specifically for Australian broad-acre farmers who calendar sow, to help compensate for the cost of inputs during a dry establishment and spring period.**

To elaborate, a germinating rain triggers a Dry Season that pays an amount per mm below a nominated strike at the end of the risk period.

Premiums range from \$5 - \$10/ha

How does an Emergence Weather Certificate work?

As per the example below, the Grower understands that his potential crop requires about 20mm over a few days to germinate. Then the seed needs a follow up rain of about 70mm so as to establish the crop. But what happens if the seeds germinate and no follow through rain occurs? A prudent farmer would plan for this by purchasing an Emergence Weather Certificate. In this case the Grower wants to receive \$2.50/mm/ha up to \$100. He is insuring \$100 worth of inputs if the rains dry up after germination.

What does this mean?

If at the end of the risk period the grower only gets 34mm or less, he is fully compensated for the \$100/ha worth of inputs. This is paid into his account once the data is finalised. It normally takes about 20 days to check BOM station data.

Certificate Parameters

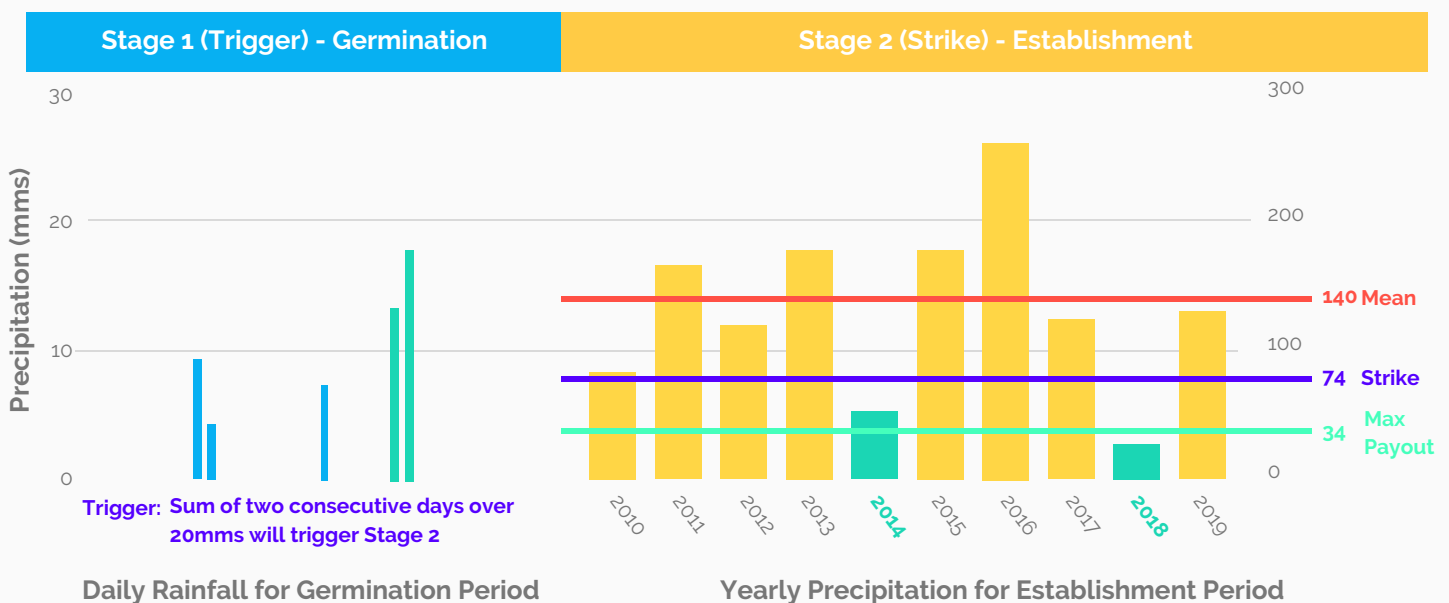
Start Date: 01/05/2020
 End Date: 30/09/2020
 Trigger: >20mm/2 days
 Strike: 74 mm
 Tic: \$2.50/ha
 Max Payout: \$100/ha
 Premium: **\$8/ ha**

Payout Calculation

Once Stage 2 is triggered if within the Establishment period total rainfall is below the Strike, the farmer is paid \$2.50 /ha for every mm below 74 mm until max payout is reached.

Payouts

2014 - Farmer received 53 mms of rain thus received **\$55/ha**
 2018 -Farmer received 27 mms of rain thus received **\$100/ha** (this is the Max Payout because a total rainfall didn't reach 34 mm over the establishment period)



If you like what you see, then get in touch! We love to talk!

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