

# Insyst & Teppeki: Perfect Partners for Aphid Control

## Why do we control aphids?

Aphids transmit virus in sugar beet crops, causing serious yield loss (from 10% - 50%).

### Key viruses:

- Beet yellows virus (BYV)
- Beet mild yellowing virus (BMV)
- Beet chlorosis virus (BChV)

### Key aphid vectors:



Myzus persicae (transmit BYV, BMV, and BChV)



Black bean aphid (transmit BYV)

## Emergency Approval for 2nd Application of Insyst

From 9th May 2024 there is an emergency approval for 2nd application of Insyst. Application must only be in sequence following a first foliar spray of 'Insyst' and a second foliar spray of Teppeki on crops which were not grown from seed treated with 'Cruiser SB'



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| <ul style="list-style-type: none"> <li>• 250g/Ha acetamiprid</li> <li>• Speed of knockdown and persistency within existing foliage and new growth</li> </ul> | <ul style="list-style-type: none"> <li>• 140g/Ha flonicamid</li> <li>• Up to 21 days persistence on existing foliage at time of application</li> <li>• <b>Do not</b> add an adjuvant if applied after 6 leaves</li> </ul> |
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## Aphid Control Best Practice

- Weather forecast and monitoring are important
- Cruiser SB treated seed must have Teppeki applied first, followed by Insyst
- Non-treated seed apply Insyst followed by Teppeki followed by Insyst (EA)
- Adhere to aphid threshold, see below:

| Aphid Species                 | Up to 12 leaves      | 12 leaves +       |
|-------------------------------|----------------------|-------------------|
| Peach Potato (Myzus Persicae) | 1 aphid per 4 plants | 1 aphid per plant |
| Black Bean (Aphis Fabae)      | 1 aphid per 4 plants |                   |

**Do not compromise on application timing!** Insyst and Teppeki are both physically compatible with a number of herbicides if needed.

