



PROLINE[™]

bloom stage guide



Bayer CropScience



application
timing
recommendations



The goal when applying Proline™ is to protect as many canola flower petals as possible, prior to significant petal drop. The optimum timing is between 20% and 30% bloom. Application with Proline fungicide can occur from 20 – 50% bloom.

TO ACCURATELY IDENTIFY THE BLOOM STAGE OF YOUR CROP, FOLLOW THESE STEPS:

1. Find the main stem
2. Pull off the secondary branches
3. Count only the open flowers on the main stem including aborted flowers and newly formed pods
4. Sample several plants across the field



application rates

RATE: 128 mL per acre (standard rate) treats 40 acres

PACKAGING: 2 X 5.1 L jugs

WATER VOLUME:

- **AERIAL:** 4.5 gal per acre
- **GROUND:** 9 gal per acre

RAINFAST: 1 hour

FORMULATION: Prothioconazole
480 g/L SC (liquid)

10%
bloom

~10 flowers on the main stem





10%
bloom

what to scout for:

- ~10 flowers on the main stem
- Generally, it takes a crop from two to four days to move from first flower to 10% bloom
- Canola flowering varies by season and variety or hybrid
- Scout frequently to ensure proper protection of the most open flowers

20%
bloom

~14-16 flowers on the main stem





20%
bloom

what to scout for:

- ~14-16 flowers on the main stem
- Minimal petal drop has occurred at this stage

30%
bloom

~20 flowers on the main stem





30%
bloom

what to scout for:

- ~20 flowers on the main stem
- Reached at approximately six to eight days after the start of flowering
- After 30% bloom, petal drop and pod set begin

50%
bloom

>20 flowers on the main stem





50%
bloom

what to scout for:

- >20 flowers on the main stem
- Canola stem has elongated
- Waiting to spray at this stage is not recommended because the optimal application timing has passed
- Infection may have begun



Always read and follow label directions. Proline™ is a registered trademark of Bayer.
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