TECHNICAL LEAFLET

CONVISO® SMART SYSTEM

IN SHORT

The combination of ALS–tolerant sugar beet varieties and CONVISO®ONE herbicide form a major innovation for sugar beet weed control.

Our own SESVanderHave ALS-tolerant hybrids are being deployed on the market under the CONVISO® SMART technology brand

Main farmer benefits:

- Reliable **efficacy**
- **Simplifying** farm management practices
- Increasing **flexibility**
- Best **crop safety**

Need more info?
Visit **www.svsmartsugarbeet.com** or contact your local SESVanderHave representative.

THE CONCEPT

SESVANDERHAVE
sugar beet seed

SV SUGAR BEET SEEDS

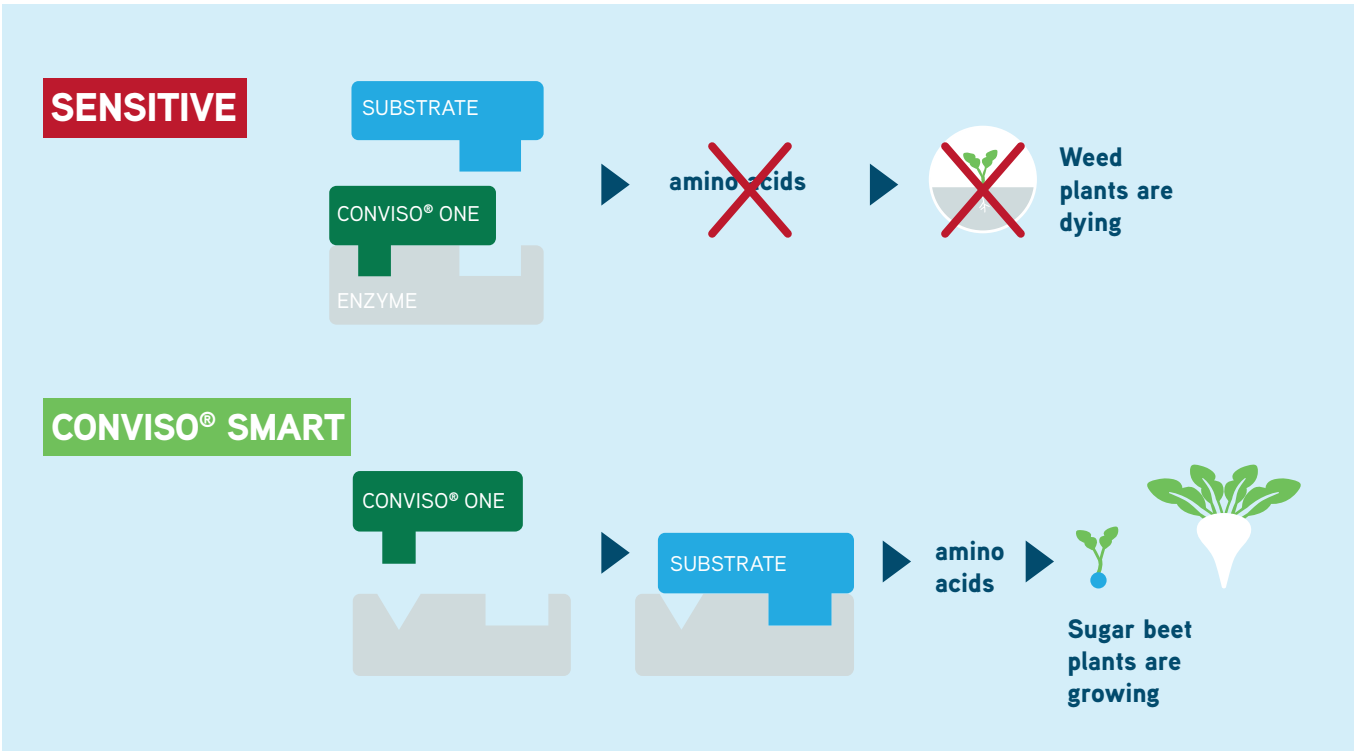
- Out of 1.5 billion individuals, one single ALS tolerant individual was found naturally
- Through classic breeding methods, the ALS inhibitor tolerance was integrated in to the SV commercial sugar beet varieties.
- Progressively, SV will launch CONVISO® SMART hybrids in all main segments (Rhizomania, Nematodes, Cercospora,...)

CONVISO® ONE HERBICIDE

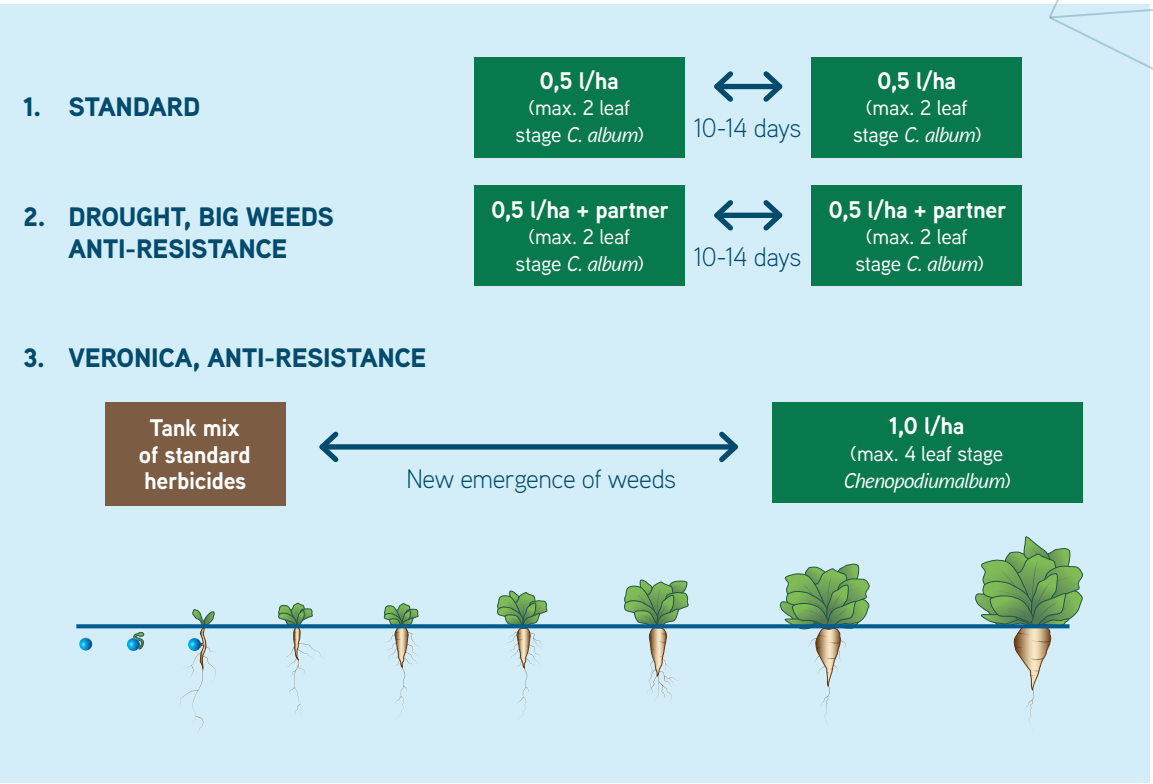
- Ready-to-use liquid formulation based on two ALS-inhibitor compounds:
  - Foramsulfuron (50 g/L) – leaf activity
  - Thiencarbazone – methyl (30 g/L) – leaf and soil (residual) activity
- Maximum dose rate: 1.0 L/ha per year
- Controls a wide range of broadleaf and grass weed
- Residual effect: 10 – 20 days

HOW DOES IT WORK?

In sugar beet with tolerance to ALS inhibitor, the herbicide cannot bind to the enzyme interfering in the production of branch-chain amino acids (valine, leucine and iso-leucine). The sugar beet crop will continue to grow. Weeds or sensitive sugar beet have no such specific tolerance and will die.



APPLICATION STRATEGIES



Application indicator weed: CHEAL – *Chenopodium album L.*				
	Split application (Recommended)		One shot application	
Number of applications	2 x 0.5 L/ha (interval 10 – 14 days)		1 x 1.0 L/ha	
CHEAL maximum development stage				
	2 true leaves **Correct**	4 true leaves **Too Late**	4 true leaves **Correct**	> 4 true leaves **Too late**

POTENTIAL MIXING PARTNERS

CONVISO® ONE can be tank-mixed with all classic herbicides. Adding partner products can contribute to control larger weeds or can be used as anti-resistance management strategy. Under drought, adding oil can enhance the herbicide uptake.

BENEFITS, FEATURES AND ADVANTAGES

Very broad and reliable efficacy:

- All main common broadleaf weeds
- All main grasses without need of specific graminicide
- Weed beet and suppression of volunteer potatoes

Simplifying farm management practices

- Eliminating complex tank-mixes
- Reducing the number of applications (3-5 > 2) saving time and sprayer capacity

Increasing application flexibility

- Less dependent on beet growth stage and weather conditions
- Wide application window (beet growth stage from cotyledon till 8 true leaves)

Best possible crop safety thanks to the specific ALS tolerance

- Reduce stress resulting in a more vigorous crop
- Preserving the full yield potential

IN SHORT

SUCCESFUL SUGAR BEET PRODUCTION =

BEST TOLERANCE

UTILIZE FULL YIELD POTENTIAL

BROAD WEED CONTROL SPECTRUM

FEWER HERBICIDE APPLICATIONS

WIDE & FLEXIBLE
APPLICATION WINDOW

EFFICIENT AND CONVENIENT WEED CONTROL

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