



SPIDER in the Milovice Nature Reserve

Gentle Mowing of Invasive Plants and Trail
Maintenance Using Trimmaster™ and SPIDER 2SGS



Challenge: Canadian Goldenrod – an Invasive Plant

The Milovice Nature Reserve is struggling with the spread of the invasive plant Canadian goldenrod, which grows up to 1.5 meters (4.9 feet) tall.

The task was to mow an area of goldenrod - approximately 50 × 40 meters (0.5 ac) so that the plants were removed at ground level, while ensuring that **their seeds were not scattered across the land**.

“We needed the mower to cut the plant either at ground level or halfway up. What’s crucial for us is that the plant isn’t completely shredded, because the seeds are located at the top. If they remain on the site, they’ll sprout into geometric rows of new goldenrod plants the following year.”

— Reserve Manager, **Česká krajina o.p.s.**



Location: The Milovice Nature Reserve

Goldenrod Area:

approx. 2,000 m² (0.5 ac)

Plant Height: up to 1.5 m (4.9 feet)

Solution: Trimmaster™

The patented Trimmaster™ technology was selected for the intervention. It is designed for **efficient** and **gentle mowing of tall vegetation**. The machine was able to **cut** the plants **cleanly** at ground level, **without scattering seeds into the surrounding area**.

- ✓ Cutting plants whole at ground level
- ✓ Preventing seed dispersal
- ✓ Gentle intervention without soil disturbance





Result of the Trimmaster™ Intervention

Trimmaster™ enabled the gentle removal of goldenrod vegetation over an area of 2,000 m² (0.5 acres), without dispersing seeds. The site was prepared for further care, and the intervention was carried out efficiently, quietly, and without disturbing the soil — **while also preserving the natural peace for the animals in the nature reserve.**



Efficiency

2,000 m² (0.5 ac)
completed
in 45 minutes.



Low Weight

Minimal ground
pressure, protecting
the environment.



Low Noise

Quiet operation
suitable for reserves
with wildlife.



Invasive Species Control

Plant removal
without seed
dispersal.



SPIDER 2SGS – Maintenance of the “Traviny” Trail

As part of the intervention in the Milovice Nature Reserve, maintenance was also carried out on the “Traviny” hiking trail. A narrow strip approximately 200 meters (656.2 feet) long and 1–1.5 meters (3.3–4.9 feet) wide needed to be mowed quickly and safely.

Thanks to its agility, low weight, and remote control, the SPIDER 2SGS handled the task more efficiently than brush cutters and more gently than heavy machinery.

Location: The Milovice Nature Reserve
“Traviny” Trail: length 200 m (656 feet),
width 1–1,5 m (3.3–4.9 feet)
Plant Height: up to 1.5 m (4.9 feet)



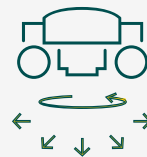
Efficiency

200 m (656 feet) of trail mowed in 4 minutes.



Low Weight

Gentler than tractors or tracked mowers.



Agility

Easy maneuverability even on rugged terrain.



Safety

Remote control protects the operator.





SPIDER – Caring for Nature Without Compromise

The deployment of SPIDER mowers in the Milovice Reserve showcased their ability to combine efficiency, terrain-friendliness, and safety. Trimmaster™ and 2SGS confirmed that SPIDER mowers are the ideal solution for managing nature reserves and challenging terrains.

Ready to See SPIDER in Action?

Contact us to book your free, no-obligation demo on your own terrain.



www.spidermower.com
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