

Case Study: See & Spray Select™ in Lentil Desiccation

John Deere See & Spray Select Proves Its Value Beyond Summer Fallow

The Challenge

One of the most common questions growers ask about John Deere See & Spray Select is whether it's only a summer fallow tool, or if it can deliver value at other times of the year.

To put that to the test, we worked with a customer to run a real-world demo during lentil desiccation — a job where full paddock coverage is often seen as unavoidable. The aim wasn't just crop dry-down, but also targeting larger problem weeds that can impact harvest efficiency and seed set.

The Setup

The demo was conducted across **six variable paddocks**, totalling **351.1 hectares**.

Differences in:

- Soil types
- Weed pressure
- Crop maturity stages

Machine and Settings:

- System: See & Spray Select
- Boom sensitivity: Level 1 (targeting the largest weed size)
- Application rate: 100 L/ha



The Results

Across the six paddocks, See & Spray Select reduced unnecessary spraying where weeds were not present.

Paddock	Area Treated (ha)	Area Saved (ha)
1	101.1	25.0
2	92.2	10.7
3	11.1	8.1
4	76.9	7.7
5	60.5	5.7
6	42.6	5.5

Product Savings

- **Diquat:** 75L saved @ \$7.50/L = \$562.50
- **Paraquat 250:** 63L saved @ \$3.50/L = \$220.50
- **Average chemical use reduction:** 18%
- **Total chemical saving:** ~138L, valued at \$783.00
- **Total area not sprayed:** 62.7 ha

***Equates to 6,270L of spray mix saved, or ~one full tank. ***

The Takeaway

On paper, \$783 might not look headline-grabbing — and that's exactly the point.

This was a single application, across a moderate area, in a scenario where many assume savings will be minimal. Yet See & Spray Select still **reduced chemical use by nearly one-fifth, without compromising the agronomic outcome.**

Multiply that across larger programs, multiple passes, and a full spraying season...and the value compounds quickly.

This demo reinforces that See & Spray Select isn't just a summer fallow tool. It can:

- Reduce chemical usage during crop applications
- Target weeds more precisely in mixed scenarios
- Deliver savings even when full coverage feels unavoidable

For growers looking to lower input costs, improve application efficiency, and get more value from every tank, **See & Spray Select proves it can earn its place in the sprayer year-round.**



Want to learn how See & Spray Select can work on your operation?

We're here to help. With 15 branches across South Australia and western Victoria, Emmetts is your local go-to for John Deere automation. Find your nearest branch at:



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